

## **EMPANELLED INFORMATION SECURITY AUDITING ORGANISATIONS by CERT-In**

The List of IT Security Auditing Organisations, as given below, is up-to-date valid list of CERT-In Empanelled Information Security Auditing Organisations. This list is updated by us as soon as there is any change in it.

### **1. M/s AAA Technologies Ltd**

278-280, F-Wing, Solaris-1,  
Saki Vihar Road, Opp. L&T Gate No. 6,  
Powai, Andheri (East),  
Mumbai – 400072.  
Website URL : <http://www.aaatechnologies.co.in>  
Ph : 022-28573815 / 16  
Fax: 022-40152501  
Contact Person : Mr. Anjay Agarwal, Chairman & Managing Director  
Mobile : +91 09322265876, 9821087283  
E-mail : [anjay\[at\]aaatechnologies.co.in](mailto:anjay[at]aaatechnologies.co.in)

### **2. M/s AKS Information Technology Services Pvt Ltd**

B-21, Sector-59, Noida - 201309 (Uttar Pradesh)  
Website URL: <https://www.aksitservices.co.in/>  
Ph: 0120-4545911  
TeleFax : 0120-4243669  
Contact Person : Mr. Ashish Kumar Saxena, Managing Director  
Mobile : +91-7290058951  
E-mail : [info.cert\[at\]aksitservices.co.in](mailto:info.cert[at]aksitservices.co.in)

### **3. M/s AQM Technologies Pvt Ltd.**

A 401, Raheja Plaza, LBS Road, Nityanand Nagar, Ghatkopar West,  
Mumbai, Maharashtra 400086.  
INDIA  
Phone number :022 4050 8200  
Fax: -  
Contact Person: Mr. Sanjay PARIKH  
E-mail:[sanjay.parikh\[at\]aqmtechnologies.com](mailto:sanjay.parikh[at]aqmtechnologies.com)  
Contact No : +91-8291858027 / 022-40508262

### **4. M/s Allied Boston Consultants India Pvt. Ltd.**

2205, Express Trade Towers-2, B-36, Sector 132,  
Noida Expressway, Noida 201301 (U.P.)  
Ph : 9891555625, 0120-4113529  
Fax: 0120-4113528  
Contact Person : Mr. T. Ganguly  
E-mail : [itsec\[at\]alliedboston.com](mailto:itsec[at]alliedboston.com)

### **5. M/s A3S Tech & Company**

A/95, Kamla Nagar, Delhi-110007  
Ph : 9810899624  
Fax: 23933429  
Contact Person : Sagar Gupta  
E-mail : [sagar\[at\]a3stech.co.in](mailto:sagar[at]a3stech.co.in)

**6. M/s Andhra Pradesh Technology Services Ltd**

(Govt. of AP Undertaking)

3rd Floor, R&B Building, MG Road, Labbipet,  
Vijayawada, Andhra Pradesh 520010

URL: <https://www.aps.gov.in/>

Land line Phone: 08662468105;

Mobile phone : 9440469194

Fax : N/A

Contact Person : Dr. G Jacob Victor, Executive Director

E-mail : mgr-apcsp-aps[at]ap[dot]gov[dot]in

Alternate Email ID : VictorJacob[dot]G[at]gov[dot]in

**7. M/s ANB Solutions Private Limited**

901,Kamla Executive Park, Off Andheri-Kurla Road,

J. B. Nagar, Andheri East, Mumbai 400 059

Ph : +91 (22) 4221 5300

Fax: +91 (22) 4221 5303

Contact Person : Preeti Raut

E-mail : preeti.kothari[at]anbglobal.com

**8. M/s AGC Networks Limited**

Essar House, 11, K. K. Marg, Mahalaxmi,

Mumbai-400034, Maharashtra, India

Ph : +91-9930134826, Landline: +91 022 66601100

Fax:

Contact Person : Mr. Anant N. Bhat

E-mail : anant.bhat[at]agcnetworks.com

**9. M/s Accenture Solutions Pvt. Ltd.**

Accenture BDC7C, Piritech Park (SEZ), Phase 1,  
RMZ Ecospace Internal Rd, Adarsh Palm Retreat, Bellandur,  
Bengaluru, Karnataka 560047, India

Ph : 9916011888

Fax:

Contact Person : Prasanna Ramasamy

E-mail : Prasanna.ramasamy[at]accenture.com

**10. M/s Amigosec Consulting Private Limited**

401, Shatrunjay, Divecha Complex, Edulji Road, Charai,  
Thane(w), Maharashtra - 400601

Ph : +91 9819080470

Fax: NA

Contact Person : Mr. Ashish Rao

E-mail : ashish.p.rao[at]synradar.com

**11. M/s ANZEN TECHNOLOGIES PVT. LTD.**

A-429, Second Floor, A-Wing, Vashi Plaza, Sector 17,  
Vashi, Navi Mumbai, 400703

Ph : 09821775814

Fax: NA

Contact Person : Ramesh Tendulkar

E-mail : rtendulkar[at]anzentech.com

#### **12. M/s Attra Infotech Pvt. Ltd**

No. 23 & 24, 2nd Floor, AMR Tech Park II,  
Hongasandra, Bengaluru – 560068  
Ph : 91 80 4197 0900  
Fax:  
Contact Person :

- Riaz Kakroo - Global Head – Corporate Infosec  
riaz.kakroo[at]attra.com.au  
9686579832
- Santosh Lohani – Head of practice (cybersecurity)  
Santosh.lohani[at]attra.com.au  
9741399220

#### **13. M/s Aujas Cybersecurity Limited**

#595, 4th Floor, 15th Cross, 24th Main Rd, 1st Phase,  
J. P. Nagar, Bengaluru, Karnataka 560078  
Ph: +91 9980238005  
Fax: NA  
Contact Person: Jaykishan Nirmal  
E-mail: Jaykishan.Nirmal[at]aujas.com

#### **14. M/s AURISEG CONSULTING PRIVATE LIMITED**

NO 666/81, MAVEERAN DURAI SWAMY STREET,  
POONGA NAGAR, THIRUVALLUR  
Ph : +91 99408 64275  
landline Phone Number : +91 44 42017437  
Fax: NA  
Contact Person : M.S SRINIVASAN - DIRECTOR -CONSULTING PRACTICE  
E-mail : SRINI.MANI[at]AURISEG.COM

#### **15. M/s Accedere Limited**

Spaces Inspire Hub, Western Heights, JP Road,  
4 Bungalows, Andheri West,  
Mumbai 400053  
Ph : +919004031956  
Contact Person: Ashwin Chaudhary  
E-mail: info@accedere.io

#### **16. M/s BHARAT ELECTRONICS LIMITED**

Office of the GM/Software,  
BEL Software SBU  
Bharat Electronics Limited  
Jalahalli, Bengaluru - 560013  
Karnataka  
Ph : 080-22197197, or 080-28383120  
Fax: 080-28380100  
Contact Person : Mr. Ramesh Prabhu V, DGM (Software Marketing), BEL/SW  
E-mail : ITSecurityAuditTeam[at]bel.co.in  
Mobile : +91 9945193542  
Ph : 080-22195714

**17. M/s Bharti Airtel Service Limited**

Plot# 16, Udyog Vihar-Phase-IV  
Sector 18, Gurgaon-122016  
Ph : +91-9987891999  
Fax:  
Contact Person : Amit Chaudhary  
E-mail : amit.chaudhary[at]airtel[dot]com

**18. M/s BDO India LLP**

The Ruby, Level 9, North West Wing, 29, Senapati Bapat Marg,  
Dadar West, Mumbai, 400028.  
Ph : +91 022 62771600  
Fax: +91 022 62771600  
Contact Person : Mr. Ashish Gangrade / Mr. Nipun Jaswal  
E-mail : AshishGangrade[at]bdo.in / nipunjaswal[at]bdo.in

**19. M/s Centre for Development of Advanced Computing (C - DAC)**

Plot No. 6 & 7, Hardware Park,  
Sy No. 1/1, Srisailem Highway,  
Pahadi Shareef Via Keshavagiri (Post), Hyderabad - 501510  
Ph : +919441233972, +917382303598  
Fax: NA  
Contact Person : Ch A S Murty  
E-mail : cswan[at]cdac.in, chasmurty[at]cdac.in

**20. M/s Crossbow Labs LLP**

Unit 406, Brigade IRV Center, Nallurhalli,  
Whitefield, Bangalore  
Karnataka 560066,  
India  
Ph : +91 80 470 91427  
Fax: No Fax  
Contact Person : Mr. Rosan Thomas  
E-mail : cert[at]crossbowlabs.com

**21. M/s CyberQ Consulting Pvt Ltd.**

J-1917, Chittaranjan Park, New Delhi - 110019  
Ph : 7982895613/7042081393  
Fax: NA  
Contact Person : Mr. Debopriyo Kar / Mr. Rajiv Malhotra  
E-mail : debopriyo.kar[at]cyberqindia.com  
shikha.yadav[at]cyberqindia.com  
ankita.chatterjee[at]cyberqindia.com

**22. M/s CyRAAC Services Private Limited**

2nd Floor, Napa Prime, 7/24, 11th Main Road,  
4th Block East, Jayanagar,  
Bengaluru - 560011  
Ph : +919886210050  
Fax:  
Contact Person : Mr. Murari Shanker  
E-mail : ms[at]cyraacs.com

### **23. M/s Codec Networks Pvt Ltd**

B-136, Surajmal Vihar, Delhi 110092  
Ph : +91 9971676124, +91 9911738718  
Fax: N.A  
Contact Person : Mr. Piyush Mittal  
E-mail : amittal[at]codecnetworks[dot]com; piyush[at]codecnetworks[dot]com

### **24. M/s Cyber Security Works Pvt. Ltd.**

No.6, 3rd Floor, A-Block, IITM Research Park  
Taramani, Chennai – 600 113  
Ph : +91-44-42089337  
Fax: NA  
Contact Person : Mr. Ram Swaroop M  
E-mail : ram[at]cybersecurityworks.com

### **25. M/s CEREIV Advisory LLP**

Chembakam Building, Koratty Infopark, Thrissur Dt, Kerala - 680 308  
Ph : 9745767949  
Fax: -  
Contact Person : Mridul Menon  
E-mail : mridul[at]cereiv.com

### **26. M/s ControlCase International Pvt. Ltd.**

Corporate Center, Level 3, Andheri-Kurla Road, Marol,  
Andheri (East), Mumbai 400059, Maharashtra.  
Ph : +91 22 6647 1800  
Fax: +91 22 6647 1810  
Contact Person : Mr. Satya Rane  
E-mail : certinaudit[at]controlcase.com

### **27. M/s CyberSRC Consultancy LLP**

Unit no 605, 6th floor, World Trade Tower,  
Sector 16 Noida - Uttar Pradesh 201301  
Ph : +91 8800377255, +91 120 4160448  
Fax: NA  
Contact Person : Vikram Taneja, CEO  
E-mail : vikram[at]cybersrcc.com , info[at]cybersrcc.com

### **28. M/s Dr CBS Cyber Security Services LLP**

113, Suraj Nagar East, Civil Lines, Jaipur, Rajasthan-302006  
Ph : 0141-2229475, +91- 9414035622, 9828877777  
Fax:  
Contact Person : Dr C B Sharma IPS Retd.  
E-mail : contact[at]drcbscyber.com, drcbscyber[at]gmail.com

### **29. M/s Deloitte Touche Tohmatsu India LLP**

7th Floor, Building 10, Tower B, DLF Cyber City Complex,  
DLF City Phase II, Gurgaon, Haryana, India  
Ph : +91 9810618871  
Fax: 0124-6792012  
Contact Person : Mr. Digvijaysinh Chudasama  
E-mail : dchudasama[at]deloitte.com

### 30. M/s Deccan Infotech (P) Ltd.

13, Jakkasandra block. 7th cross.  
Koramangala. Bengaluru - 560034  
Ph : 080 - 2553 0819  
Fax: ---  
Contact Person : Mr. Dilip Hariharan  
E-mail : dilip[at]deccaninfotech.in

### 31. M/s eSec Forte Technologies Pvt. Ltd.

Postal address:311, Jwala Mill Road, Udyog Vihar - Phase 4,  
Gurugram, Haryana, 122015, India  
Ph : +91 9871699555  
Fax: +91 0124 4264666  
Contact Person : Kunal Bajaj  
E-mail : kunal[at]esecforte.com

### 32. M/s Ernst & Young LLP

14th Floor, The Ruby 29, Senapati Bapat Marg Dadar (West)  
Mumbai, Maharashtra – 400028  
Phone: 022-61920000  
Mobile: 9971797544  
Fax: NA  
Contact Person : Mr. Venkatesh Kulkarni, Associate Partner – Consulting  
E-mail : venkatesh.kulkarni [at]in.ey.com

### 33. M/s ESSENTIAL INFOSEC PRIVATE LIMITED

**Corporate address (Mailing Address):**

1st Floor, Plot No. 16, Near SBI BANK Behind Sultanpur Metro Station, New Delhi 110030

**Registered Address:**

UG/66,Shuchita Business Park,Pant Nagar Municipal Market,Patel Chowk Ghatkopar East  
Mumbai City MH 400075  
Ph: +91 73983 77126  
Contact Person: Pawan Srivastav, Director  
E-mail: pawan[at]essentialinfosec.com, cert[at]essentialinfosec.com

### 34. M/s FIS Global Business Solutions India Pvt. Ltd.

402, I Park, Plot No. 15, Phase IV, Gurugram, Haryana 122016  
Ph : +919811865050  
Contact Person : Karthick Perumal  
E-mail : Karthick.Perumal[at]fisglobal.com

### 35. M/s GRM Technologies Private Limited

Postal address: Corporate address:No-9, 2nd floor Shoba Homes, West Tambaram, Chennai-600045,India.  
Registered office address: 2/127,Mani Sethupattu, Sriperumbudur Taluk, Kancheepuram District, Tamil Nadu-601 301, India.  
Ph :+91-9042000525, +91-44-22261489, +91-94873 88551  
Fax:NA  
Contact Person : Mr. Babu G / Mr. Ashok Kumar  
E-mail : babug[at]grmtechnologies.com/ashok[at]grmtechnologies.com

### 36. M/s Grant Thornton Bharat LLP

L 41, Connaught Circus, Outer Circle,  
New Delhi. PIN - 110 001  
Ph : 0124-4628000 (Ext. 277)  
Fax: +91 124 462 8001  
Contact Person : Mr. Akshay Garkel, Partner Cyber  
Mobile: +91 9820208515  
E-mail : Akshay.Garkel[at]IN.GT.COM and cyber[at]IN.GT.COM

**37. M/s G.D.Apte & Co.**

GDA House, Plot No. 85, Right Bhusari Colony,  
Paud road, Pune 411038  
Ph : 020 6680 7200  
Fax: 020 2528 0275  
Contact Person : Prakash P. Kulkarni  
E-mail : prakash.kulkarni[at]gdaca.com

**38. M/s HackIT Technology And Advisory Services**

64/2453, 2nd Floor,  
JVC Tower, Kaloorkadavanthara Road  
Kaloorkadavanthara PO, Cochin, Kerala, India  
PIN - 682 017  
Ph : (+91) 484 4044 234  
Fax: NA  
Contact Person: Akash Joseph Thomas  
E-mail: akash[at]hackit.co

**39. M/s Hewlett Packard Enterprise India Pvt Ltd.**

#24, Salarpuria Arena, Hosur Main Road, Adugodi, Bangalore-560030, India  
Ph : 9945611299  
Fax:NA  
Contact Person : Malligarjunan Easwaran  
Swamy Patil  
Suhas Nayak  
E-mail : malligarjunan.e[at]hpe.com  
swamy.patil[at]hpe.com  
suhas.nayak[at]hpe.com

**40. M/s ITORIZIN TECHNOLOGY SOLUTIONS PVT LTD**

8/14, SHAHID NAGAR, GROUND FLOOR. WING "A".  
KOLKATA – 700078. West Bengal, India  
Ph : 9883019472  
Fax: NIL  
Contact Person : Sangeeta Ganguly  
E-mail : g.sangeeta[at]itorizin[dot]in / connect[at]itorizin[dot]in

**41. M/s Information Security Management Office (ISMO)**

Department of Information Technology, Electronics & Communication, Haryana,  
  
SCO 109-110, First Floor, Sector-17-B, Chandigarh – 160017  
Ph : +91 7042824602, +91 9417362127  
Fax: N/A  
Contact Person : Sh. Sudipta Choudhury and Sh. Amit Kumar Beniwal  
E-mail : sudipta.ditech[at]hry.gov.in, amit.beniwal[at]haryanaismo.gov.in

**42. M/s Innovador Infotech Private Limited**

1128, Ahmamau, Beside Lucknow Treat Restaurant,  
Near Sultanpur Road Roundabout, Shaheed Path,  
Arjunanj, Lucknow- 226002 (Uttar Pradesh)  
Ph : +91-8896605755  
Fax: NA  
Contact Person : Rahul Mishra  
E-mail : rahul[at]innovadorinfotech.com

**43. M/s ISECURION Technology & Consulting PVT LTD**

2nd floor, #670, 6th Main Road, RBI Layout, J.P. Nagar 7th Phase, opp. Elita Promenade,  
Bengaluru, Karnataka 560078  
Ph : 8861201570  
Fax:  
Contact Person : Manjunath NG  
E-mail : manjunath[at]isecurion.com

**44. M/s KPMG Assurance and Consulting Services LLP**

DLF Building No. 10, 8th Floor, Tower C,  
DLF Cyber City, Phase 2,  
Gurgaon, Haryana-122002  
Ph : +91 9810081050  
Fax: +91 124 254 9101  
Contact Person : Mr. Atul Gupta (Partner, Cyber Security)  
E-mail : atulgupta[at]kpmg.com

**45. M/s Kochar Consultants Private Limited**

302, Swapnabhoomi A Wing,  
S.K. Bole Road, Nr Portuguese Church,  
Dadar (W), Mumbai 400028.  
Ph : 24229490 / 24379537 / 9819846198 / 9869402694  
Fax: 24378212  
Contact Person : Mr. Pranay Kochar  
E-mail : pranay[at]kocharconsultants.com

**46. M/s KRATIKAL TECH PRIVATE LIMITED**

A-130, SECOND FLOOR, SECTOR 63, NOIDA - 201301  
Ph : 7042292081, 9651506036  
Fax: N/A  
Contact Person : PAVAN KUMAR  
E-mail : PAVAN[at]KRATIKAL.COM

**47. M/s MapleCloud Technologies**

B4/102-C, Keshavpuram, Delhi - 110035  
Ph : +91-9739995151 / +91-8178803636  
Fax:  
Contact Person : Yogendra Rajput  
E-mail : yogendra.rajput[at]maplecloudtechnologies.com  
: yogendra.rajput[at]mcts.in

**48. M/s MOBITRAIL**

Office No 205, Triumph Estate, Near Express Zone, Goregaon East, Mumbai 400063  
Phone No: +91 9867386146  
Fax: 022-28782751  
Contact Person: Vikas Kedia  
E-mail: Vikas@MobiTrail.com

**49. M/s Mahindra Special Services Group**

(Division of Mahindra Defence Systems Limited)  
Mahindra Towers, P.K Kurne Chowk,  
Dr. G.M Bhosale Marg, Worli,  
Mumbai - 400018, India  
Ph: +91 8652848222  
Fax: NA  
Contact Person: Mr. Chandrasekhar Konangi  
E-mail : chandrasekhar.konangi[at]mahindrassg.com



**50. M/s Maverick Quality Advisory Services Private Limited**

123 RADHEY SHYAM PARK P.O SAHIBABAD  
Ghaziabad, U.P, INDIA – 201005  
Ph :9871991928  
Contact Person : Mr. Ashok Vardhan,Director  
E-mail :ashok[at]mqasglobal.com

**51. Madhya Pradesh State Electronics Development Corporation (MPSEDC)**

(A Regt. Society of Department of Science & Technology, Government of Madhya Pradesh)  
47-A , State IT Center, Arera Hills,  
Bhopal, Madhya Pradesh- 462011  
Ph: 0755-2518713, 0755-2518702  
Fax: 0755-2579824  
Contact person : Mr. Vinay Pandey  
Mobile: +91-0755-2518710  
Email: vinay[dot]pandey[at]mapit [dot] gov [dot] in

**52. M/s Mirox Cyber Security & Technology Pvt Ltd**

4th Floor Nila Technopark Kariyavttom PO 695581  
Trivandrum, Kerala  
Phone +91 471 4016888 / +91 471 4000545  
Mobile 9995199499, 9995799499  
Contact Person : Mr. Rajesh Babu  
Mobile: 9995799499  
Email- rb[at]miroxindia.com/rbmirox2000[at]gmail.com

**53. M/s Net Square Solutions Private Limited**

1, SanjivBaug baug, Near Parimal Crossing, Paldi,  
Ahmedabad - 380007, Gujarat  
Fax : +91 7926651051  
Contact Person : Ms. Pradnya Karad  
Email: pradnya[at]net-square.com  
Mobile: +91 7767955575

**54. M/s Network Intelligence India Pvt. Ltd.**

2nd Floor, 204, Ecospace IT Park,  
Off Old Nagardas Road, Andheri-E, Mumbai-400069.  
Ph :+919820049549  
Fax: NA  
Contact Person : Mr. Kanwal Kumar Mookhey  
E-mail :kkmookhey[at]niiconsulting.com

**55. M/s Nangia & Co LLP**

A-109, Sector 136, Noida (Delhi-NCR) - 201304  
Ph : +91 98203 65305  
Fax: +91 120 259 8010  
Contact Person : Shrikrishna Dikshit  
E-mail : shrikrishna.dikshit[at]nangia.com, poonam.kaura[at]nangia.com

**56. M/s Netmagic IT Services Pvt. Ltd.**

Lighthall 'C' Wing, Hiranandani Business Park, Saki Vihar Road,  
Chandivali, Andheri (East) Mumbai 400 072  
Ph :02240099099  
Fax:02240099101  
Contact Person : Mr. Yadavendra Awasthi  
E-mail : yadu[at]netmagicsolutions.com

**57. M/s Netrika Consulting India Pvt. Ltd.**

Plot no.2, Industrial Estate, Udyog Vihar, Phase-IV,  
Gurugram, Haryana, India. PIN: 122015  
Ph : +91-124-4883000  
Fax: N/A  
Contact Person : Sanjay Kaushik & Rajesh Kumar  
E-mail : sanjay[at]netrika.com; rajesh.kumar[at]netrika.com

**58. M/s Netsentries Infosec Solutions Private Limited**

No.5, 4th Floor, Wing II  
Jyothirmaya Building, Infopark SEZ Phase-II,  
Brahmapuram P.O. Cochin 682303  
Ph : +91 8884909578  
Fax: NA  
Contact Person : Sudheer Elayadath  
E-mail : Sudheer[at]netsentries.com

**59. M/s NG TECHASSURANCE PRIVATE LIMITED**

Shop No. S-06 and S-07 (206 & 207), 2nd Floor,  
Atlanta Shopping Mall, Althan Bhimrad Road,  
Surat, Gujarat - 395017  
Ph : +91 98989-51269  
Fax: NA  
Contact Person : Mr. Gaurav Goyal  
E-mail : admin[at]ngtech.co.in

**60. M/s Lucideus Technologies Pvt. Ltd**

A-1/20, Basement, Safdarjung Enclave, New Delhi- 110029  
Ph : +91 9717083090  
Contact Person : Hitesh Butani  
E-mail : hitesh.b@lucideustech.com

**61. M/s Oxygen Consulting Services Private Limited**

COSMOS, E/701, Magarpatta City, Hadapsar, Pune 411028  
Ph : +91 9890302009, +91 9370288368, +91 02048620461  
Fax:  
Contact Person : Mr. Sanjiv Agarwala  
E-mail : sanjiv.agarwala[at]o2csv.com  
ska262001[at]yahoo.co.in

**62. M/s Panacea InfoSec Pvt. Ltd.**

226, Pocket A2, Sector 17, Dwarka, New Delhi - 110075  
Ph : +91 11 49403170  
Fax: NA  
Primary Contact Person : Apurva K Malviya, Global Business Head  
E-mail : apurva[at]panaceainfosec.com  
Mobile: +91-9650028323/ +91 9205786094  
Secondary Contact Person : Chandani Mishra, AVP IT Security  
E-mail : cg[at]panaceainfosec.com  
Mobile: +91-8929768061

**63. M/s Peneto Labs Pvt Ltd**

Level 8 & 9, Olympia Teknos, No - 28, SIDCO Industrial Estate, Guindy, Chennai 600032  
Ph : +91 8861913615 / +91 44 4065 2770  
Fax:NA  
Contact Person : Parthiban J  
E-mail : Parthiban[at]penetolabs.com

**64. M/s Paladion Networks Pvt. Ltd.**

Shilpa Vidya, 49 1st Main, 3rd Phase  
JP Nagar, Bangalore - 560078  
Ph : +91-80-42543444  
Fax: +91-80-41208929  
Contact Person : Mr. Balaji Venkatasubramanian  
E-mail : balaji.v[at]paladion.net

**65. M/s Payatu Technologies Pvt Ltd**

502,5th Floor, Tej House,  
5 MG Road, Camp, Pune-411001  
Ph : +91-20-41207726  
Fax: NA  
Contact Person : Mr. Pranshu Jaiswal  
E-mail : cert[at]payatu.com

**66. M/s Price water house Coopers Pvt. Ltd.**

7th & 8th Floor, Tower B, Building 8,  
DLF Cyber City, Gurgaon, Haryana -122002  
Ph : [91] 9811299662  
Fax: [91] (124) 462 0620  
Contact Person : Mr.Rahul Aggarwal  
E-mail : rahul2.aggarwal[at]pwc.com

**67. M/s Protiviti India Member Private Limited**

GTB Nagar, Lalbaug, Everard Nagar,  
Sion, Mumbai, Maharashtra 400022  
Ph :022 6626 3333  
Contact Person : Mr. Sandeep Gupta (Managing Director)  
E-mail :Sandeep.Gupta[at]protivitiglobal.in  
Phone: +91-9702730000

**68. M/s PRIME INFOSERV LLP**

60, SIBACHAL ROAD, BIRATI, KOLKATA 700051  
Ph : 033- 40085677, Mobile no.- +91 9830017040  
Fax:  
Contact Person : Sushobhan Mukherjee  
E-mail : smukherjee[at]primeinfoserv[dot]com, info[at]primeinfoerv[dot]com

**69. M/s Qseap Infotech Pvt. Ltd.**

Unit No.105, Building No.03, Sector No.03,  
Millennium Business Park, Mahape(MIDC),  
Maharashtra- 400710, India  
Ph :9987655544  
Fax:NA  
Contact Person : Mr. Abhijit Doke  
E-mail :certin[at]qseap.com

**70. M/s QRC Assurance and Solutions Private Limited**

Office No 508, Plot No 8, Ellora Fiesta, Sector -11,  
Sanpada, Navi Mumbai, Maharashtra, India, 400705  
Ph : +91-9920256566  
Fax: NA  
Contact Person : Kalpesh Vyas  
E-mail : kalpesh.vyas[at]qrresolutionz[dot]com

**71. M/s QA InfoTech Software Services Private Limited**

A-8, Sector 68, Noida, Uttar Pradesh, 201309  
Ph : +91-120-6101-805 / 806  
Fax:  
Contact Person : Mr Rajesh Sharma (Co-Founder and Chief Information Officer)  
E-mail : rajesh[at]qainfotech.com

**72. M/s Risk Quotient Consultancy Private Limited**

Unit 9, Building No:02, Sector 3, Plot No:1,  
Millennium Business Park, Mahape, Navi Mumbai 400701  
Ph :9821340198  
Fax:NA  
Contact Person : Ms.Deepanjali Kunthe  
E-mail :deepanjali.kunthe[at]rqsolutions.com

**73. M/s RSM Astute Consulting Pvt. Ltd.**

301-307, A Wing, Technopolis Knowledge Park,  
Mahakali Caves Road, Andheri (East),  
Mumbai – 400093  
Tel: 91-22- 6108 5555  
Contact Person :Mr. Anup Nair  
E-mail : anup.nair[at]rsmindia.in  
Mobile No. +91 8828428080  
Website : www.rsmindia.in

**74. M/s RNR Consulting Private Limited**

E-16/169, Sector-8, Rohini, Delhi 110085  
Ph : +91 9999132873 , +91 9971214199  
Fax: N/A  
Contact Person : Nitish Goyal , Practice Head – Information and Cyber Security  
E-mail : nitish[at]consultrnr[dot]com

**75. M/s SecureLayer7 Technologies Private Limited**

Plot No. 28, Vyankatesh Nagar, Beside Totala Hospital,  
Jalna Road, Aurangabad, MH 431001  
Ph : +91-844-844-0533  
Fax: NA  
Contact Person : Mr. Sandeep Kamble  
E-mail : cert[at]securelayer7.net

**76. M/s SecurEyes Techno Services Pvt. Ltd.**

4th Floor, Delta Block, Sigma Soft Tech Park,  
Whitefield Main Road, Varathur, Bangalore - 560066  
Phone Number: +91 9449035102/ 080-41264078  
Fax:NA  
Contact Person : Ms. Uma Pendyala  
E-mail :umap[at]secureeyes.net

**77. M/s Security Brigade InfoSec Pvt. Ltd.**

3rd Floor, Kohinoor Estate, Lower Parel,  
Mumbai - 400013  
Ph : +919004041456  
Fax: -  
Contact Person : Mr. Jamila Pittalwala  
E-mail : certin[at]securitybrigade.com

#### **78. M/s Sysman Computers**

312, Sundram, Rani Laxmi Chowk,  
Sion Circle, Mumbai 400022  
Ph : 99672-48000 / 99672-47000 / 022-2407-3814  
website : [www.sysman.in](http://www.sysman.in)  
Contact Person : Dr. Rakesh M Goyal, Director  
E-mail : [rakesh\[at\]sysman.in](mailto:rakesh[at]sysman.in), [सिसमैन@सिसमैन.भारत](mailto:सिसमैन@सिसमैन.भारत)

#### **79. STQC Directorate, Ministry of Electronics and IT, Govt. of India**

Electronics Niketan, 6 C G O Complex, Lodhi Road, New Delhi-110003  
Ph : 011 24301816, 24301382  
Fax: 011 24363083  
Contact Person : Mr. Gautam Prasad  
E-mail : [gprasad\[at\]stqc.gov.in](mailto:gprasad[at]stqc.gov.in); [headits\[at\]stqc.gov.in](mailto:headits[at]stqc.gov.in)

#### **80. M/s Satrix Information Security Pvt. Ltd.**

28, Damubhai Colony, Nr. Anjali Cross Road, Bhatta,  
Paldi, Ahmedabad-380007.  
Ph : +91 9825077151  
Fax:  
Contact Person : Bhavik Patel  
E-mail : [bhavik.patel\[at\]satrix\[dot\]com](mailto:bhavik.patel[at]satrix[dot]com)

#### **81. M/s Suma Soft Private Limited**

Suma Center, 2nd Floor,  
Opp. Himali Society, Erandawane,  
Pune, Maharashtra – 411 004.  
Tel: +91.20.4013 0700, +91.20.4013 0400  
Fax: +91.20.2543 8108  
Contact Person : Mr. Milind Dharmadhikari,  
Practice Head - IT Risk & Security Management Services  
E-mail : [milind.dharmadhikari\[at\]sumasoft.net](mailto:milind.dharmadhikari[at]sumasoft.net) / [infosec\[at\]sumasoft.net](mailto:infosec[at]sumasoft.net)  
Mobile - +91-98700 06480

#### **82. M/s SISA Information Security Private Limited**

No. 79, Road Number 9, KIADB IT PARK,  
Arebinnamangala Village, Jala Hobli  
Bengaluru, Karnataka, India - 562149  
Ph : +91-7042027487  
Fax: N/A  
Contact Person : Mr. Bharat Malik  
E-mail : [warlabs\[at\]sisainfosec.com](mailto:warlabs[at]sisainfosec.com)

#### **83. M/s Sequaretek IT Solutions Pvt. Ltd.**

304, Satellite Silver, Andheri Kurla Road, Marol,  
Andheri East, Mumbai, INDIA - 400 097  
Ph : 022-40227034  
Fax: 022-40227034  
Contact Person : Anup Saha ([anup.saha@sequaretek.com](mailto:anup.saha@sequaretek.com))  
E-mail : [info\[at\]sequaretek.com](mailto:info[at]sequaretek.com) (Official)

**84. M/s Siemens Limited**

Birla Aurora Towers, Level 21, Plot 1080, Dr. Annie Basant Road,  
Worli, Mumbai - 400030  
Ph : +91 22 39677640  
Fax: NA  
Contact Person : Amitava Mukherjee  
E-mail :Amitava.Mukherjee[at]siemens.com

**85. M/s Software Technology Parks Of India**

1st Floor, Plate B, Office Block-1,  
East Kidwai Nagar, New Delhi-110023  
Website URL: <http://www.stpi.in>  
Ph :+91-11-24628081  
Fax:+91-11-20815076  
Contact Person : Mr. Amit Bansal  
E-mail : amit.bansal[at]stpi[dot]in

**86. M/s Sumeru Software Solutions Private Limited**

1st Floor "Samvit", Near The Art of Living International Center,  
21st KM Kanakapura Main Road,  
Udayapura, Bangalore – 560082  
Karnataka, India  
Ph : +91 6364357139  
Fax: +91 80-4121 1434  
Contact Person : Asish Kumar Behera  
E-mail : cert-in[at]sumerusolutions.com

**87. M/s SWADESH SYSTEM PVT.LTD.**

504,5th Floor, 58, Sahyog Building, Nehru Place, New Delhi-110019  
Ph :011-45621761  
Fax:011-45621761  
Contact Person : Mr. Rohit Jain  
Contact No.: 9911117635  
E-mail :rohit[at]swadeshsystem.in

**88. M/s Security Spoc LLP**

Postal address: Level 18 Tower A, Building No. 5 DLF Cyber City Phase III, Gurgaon, Haryana,  
122002 India  
Ph : +918448866878, 01294900303  
Fax: NA  
Contact Person : Dutt Kumar  
E-mail : dkumar[at]securityspoc.com  
Website: <https://securityspoc.com>

**89. M/s TAC InfoSec Private Limited**

C203, 4th Floor, World Tech Tower  
Phase-8B, Mohali-160055  
Ph : 9876200821, 9988850821  
Contact Person : Mr. Trishneet Arora, Founder and CEO  
E-mail :ceo[at]tacsecurity.co.in

#### **90. M/s Tata Communications Ltd**

5th Next Gen Tower New IDC Building, Ho Chi Minh Marg,  
opp. Savitri Cinema, Greater Kailash, New Delhi -110048  
Ph : +91 11 66512760  
Contact Person : Mr.Ratnajit Bhattacharjee - DGM-GRC Product/Services  
Mr.Ashish Nigam - Senior Product Manager-GRC Product/Services  
E-mail : Ratnajit.Bhattacharjee[at]tatacommunications.com,  
ashish.nigam1[at]tatacommunications.com  
Mobile : 9810093811, 7683066711

#### **91. M/s Talakunchi Networks Pvt Ltd**

Postal address: 505, Topiwala Centre,  
Off S.V. Road, Goregaon West, Mumbai 400104  
Phone: +91-9920099782  
Contact Person : Vishal Shah  
E-mail: certin[at]talakunchi.com

#### **92. M/s Tata Advanced Systems Ltd.**

Cyber & Physical Security Division  
Postal address: Office No. 15, 6th floor, Tower 1,  
Stellar IT Park, C-25, Sector-62 Noida, Uttar Pradesh, India. PIN - 201307  
Fax: 0120 4847459  
Contact Person : Mr. Aakash Verma (Cyber Security Practice)  
Email: certin[at]tataadvancedsystems[dot]com  
Mobile no.: 8447969581

#### **93. M/s TUV-SUD south Asia Pvt. ltd**

Solitaire, 4th Floor, ITI Road,  
Aundh, Pune – 411007  
Maharashtra  
Ph : +91 20 6684 1212  
Fax:  
Contact Person :Amit Kadam  
E-mail :Amit.VKadam[at]tuvsud.com Phone:+91 9607964483  
Mr. Vaibhav.Pulekar  
E-mail :Vaibhav.Pulekar[at]tuvsud.com Phone: + 91-9819955909  
Mr. Sivakumar Radhakrishnan,  
E-mail :Sivakumar.R[at]tuvsud.com Phone: + 91-9819955909

#### **94. M/s Tata Power Delhi Distribution Ltd**

Tata Power Delhi Distribution Ltd, NDPL House,  
Hudson Lane, New Delhi - 110009  
Ph :01166112222  
Fax:01127468042  
Contact Person :Aamir Hussain Khan  
E-mail :aamir.hussain[at]tatapower-ddl.com

#### **95. M/s Varutra Consulting Private Limited**

Postal address: Varutra Consulting Pvt. Ltd.,  
West Wing, II Floor, Marigold Premises, Marisoft III,  
Kalyaninagar ,411014 Pune ,Maharashtra, India.  
Ph : +91 8408891911  
Fax: NA  
Contact Person : Shrushti Sarode  
E-mail :shrushti.sarode[at]infosharesystems.com

**96. M/s Xiarch Solutions Private Limited**

352, 2nd Floor, Tarun Enclave,  
Pitampura, New Delhi-110034, India  
Ph :011-45510033  
Fax:011-66173033  
Contact Person : Mr. Utsav Mittal, Principal Consultant  
E-mail : utsav[at]xiarch.com, cert[at]xiarch.com

**97. M/s Yoganandh & Ram LLP**

G-1, Shree Vishnu Apartments, 12, Twelfth Cross Street,  
Dhandeeswaram Nagar, Velachery, Chennai - 600042  
Ph : 044-22432030  
Fax: Nil  
Contact Person : Mr. Manoj Kumar Jain  
E-mail : manoj[at]yandr.in / isaudit[at]yandr.in  
Mobile : 9940156515 / 98415 82933



**Snapshot of skills and competence of CERT-In empanelled  
Information Security Auditing Organisation**

**M/s AAA Technologies Ltd**

1. Name & location of the empanelled Information Security Auditing Organization :

**AAA Technologies Limited,  
Mumbai, Delhi, Bangalore, Lucknow, Chennai, Pune**

2. Carrying out Information Security Audits since : **2000**

3. Capability to audit , category wise (add more if required)

• Network security audit (Y/N)	:	Yes
• Web-application security audit (Y/N)	:	Yes
• Wireless security audit (Y/N)	:	Yes
• Compliance audits (ISO 27001, PCI, etc.) (Y/N)	:	Yes
• Mobile App Security Testing (Y/N)	:	Yes
• ERP Audit (Y/N)	:	Yes
• Payment Gateway Audit (Y/N)	:	Yes
• Compliance Audit as per Government of India Guidelines (Y/N)	:	Yes
• Source Code Review (Y/N)	:	Yes
• Cyber Security and CSOC Audit (Y/N)	:	Yes
• Cloud Security Audit (Y/N)	:	Yes
• Swift Audit (Y/N)	:	Yes
• Concurrent / Continuous Audit (Y/N)	:	Yes

4. Information Security Audits carried out in last 12 Months :

Govt.	:	<b>400+</b>
PSU	:	<b>100+</b>
Private	:	<b>25+</b>
Total Nos. of Information Security Audits done	:	<b>525+</b>

5. Number of audits in last 12 months , category-wise (**Organization can add categories based on project handled by them**)

Network security audit	:	<b>150+</b>
Web-application security audit	:	<b>400</b>
Wireless security audit	:	<b>30+</b>
Compliance audits (ISO 27001, PCI, etc.)	:	<b>60+</b>

6. Technical manpower deployed for information security audits :

CISSPs	:	<b>5+</b>
BS7799 / ISO27001 LAs	:	<b>30+</b>
CISAs	:	<b>20+</b>
DISAs / ISAs	:	<b>5+</b>
Any other information security qualification	:	<b>35+</b>
Total Nos. of Technical Personnel	:	<b>75+</b>

7. Details of technical manpower deployed for information security audits in Government and Critical sector organizations (attach Annexure if required)

S. No.	Name of Employee	Duration with <organization>	Experience in Information Security	Qualifications related to Information security
1)	Anjay Agarwal	20	25	ISMS LA, CISA, ISA, CEH, ECSA, LPT, <b>COBIT Certified Assessor</b>
2)	Venugopal M. Dhoot	19	18	ISMS LA, ISA, CEH
3)	Ruchi Agarwal	16	16	ISMS LA

4)	D.K.Agarwal	17	18	CISA
5)	Vidhan Srivastav	16	16	CISSP, ISMS LA
6)	Sudhir Lad	9	19	CISA
7)	Ravi Naidu	10	13	ISMS LA, CEH
8)	Harpreet Singh Dhanjal	7	7	CEH
9)	Bharati Vane	7	7	CEH
10)	Rahul Verma	7	8	ISMS LA, CEH
11)	Raja Yadav	6	7	ISMA LA, CEH
12)	Atul Raj	6	7	ISMS LA, CEH
13)	Vishnuvardhan Selvaraj	4	6	ISMS LA
14)	Ajay Gautam	4	6	ISMA LA
15)	Mohit Sharma	4	6	ISMS LA
16)	Animesh Mishra	3	6	ISO 27001
17)	Priyanka Awari	3	6	CEH
18)	SuyogGhag	3	6	CEH
19)	Ashvini Anand Yendhe	3	6	CEH
20)	Hiren Shah	3	16	CEH, ISO 27001
21)	Rohit Kumar	2	5	CEH
22)	Shweta Singhal	2	5	CEH

8. Specify Largest Project handled in terms of scope (in terms of volume, complexity, locations etc.) along with project value.

Audit for a Government Organisation above Rs. 5 Crores

Information Security Audit including SAP Audit for a Municipal Corporation for above Rs. 4.5 Crore

Consultancy for Implementing ISO 27001 for 17 Data Centers across India including Vulnerability Assessment and Penetration Testing for Rs. 54.57 Lakhs

9. List of Information Security Audit Tools used( commercial/ freeware/proprietary):

**Commercial**

- i. NetSparker
- ii. Core Impact
- iii. Nessus Pro
- iv. Nipper
- v. Burp Suite
- vi. Idea

**Freeware**

- i. Nmap
- ii. DOMTOOLS - DNS-interrogation tools
- iii. Nikto - This tool scans for web-application vulnerabilities
- iv. Firewalk - Traceroute-like ACL & network inspection/mapping

- v. Hping – TCP ping utility
- vi. Dsniff - Passively monitor a network for interesting data (passwords, e-mail, files, etc.). facilitate the interception of network traffic normally unavailable to an attacker
- vii. HTTrack - Website Copier
- viii. Tools from FoundStone - Variety of free security-tools
- ix. SQL Tools - MS SQL related tools
- x. John - John The Ripper, Password-cracking utility
- xi. Paros - Web proxy for web application testing
- xii. Wikto - Web server vulnerability assessment tool
- xiii. Back Track
- xiv. Meta Sploit
- xv. Ethereal - GUI for packet sniffing. Can analyse tcpdump-compatible logs
- xvi. NetCat - Swiss Army-knife, very useful
- xvii. Hping2 - TCP/IP packet analyzer/assembler, packet forgery, useful for ACL inspection
- xviii. Brutus – password cracking for web applications, telnet, etc.
- xix. WebSleuth - web-app auditing tool
- xx. HTTPPrint – detect web server and version
- xxi. OpenVas
- xxii. W3af
- xxiii. Owasp Mantra
- xxiv. Wire Shark
- xxv. Ettercap
- xxvi. Social Engineering Tool Kit
- xxvii. Exploit database
- xxviii. Aircrack-Ng
- xxix. Hydra
- xxx. Directory Buster
- xxxi. SQL Map
- xxxii. SSL Strip
- xxxiii. Hamster
- xxxiv. Grimwepa
- xxxv. CAIN & Able
- xxxvi. Rips
- xxxvii. Iron Wasp
- xxxviii. Fiddler
- xxxix. Tamper Data

#### **Proprietary**

- i. AAA - Used for Finger Printing and identifying open ports, services and misconfiguration
- ii. Own developed scripts for Operating System
- iii. Own developed scripts for Database Audit

- |  |   |    |
|--|---|----|
| 10. Outsourcing of Project to External Information Security Auditors / Experts<br>( If yes, kindly provide oversight arrangement (MoU, contract etc.)) | : | No |
| 11. Whether organization has any Foreign Tie-Ups? If yes, give details   | : | No |
| 12. Whether organization is a subsidiary of any foreign based organization?<br>If yes, give details  | : | No |
| 13. Locations of Overseas Headquarters/Offices, if any   | : | No |

\*Information as provided by <AAA Technologies Limited> on <23-10-2020>

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**Snapshot of skills and competence of CERT-In empanelled  
Information Security Auditing Organisation**

**M/s BHARAT ELECTRONICS LIMITED**

1. Name & location of the empanelled Information Security Auditing Organization :

**BHARAT ELECTRONICS LIMITED**  
**Registered & Corporate Office**  
**Outer Ring Road, Nagavara**  
**Bangalore – 560045, Karnataka**

**Representing all its 9 units at Bangalore, Ghaziabad, Pune, Machlipatnam, Chennai, Panchkula, Navi Mumbai, Kotdwara, Hyderabad and 2 Central Research Laboratories at Bangalore and Ghaziabad.**

2. Carrying out Information Security Audits since : **August 2015**

3. Capability to audit, category wise (add more if required)

• Network security audit (Y/N)	:	<b>Yes</b>
• Web-application security audit (Y/N)	:	<b>Yes</b>
• Web-server security audit(Y/N)	:	<b>Yes</b>
• Wireless security audit (Y/N)	:	<b>No</b>
• Mobile application security audit(Y/N)	:	<b>Yes</b>
• Stand-Alone application security audit(Y/N)	:	<b>Yes</b>
• Device security audit (Y/N)	:	<b>Yes</b>
• Compliance audits (ISO 27001, PCI, etc.) (Y/N)	:	<b>Yes;</b>
<i>Gap analysis w.r.t ISO 27001</i>		
• Secure SDLC Review (Y/N)	:	<b>Yes</b>
• Secure Code Review (Y/N)	:	<b>Yes</b>

4. Information Security Audits carried out in last 12 Months:  
**(Reporting period: Oct 2019 to Sep 2020)**

Govt.	:	<b>-8-</b>
PSU	:	<b>-17-</b>
Private	:	<b>-Nil-</b>
Total Nos. of Information Security Audits done	:	<b>-25-</b>

5. Number of audits in last 12 months , category-wise **(Organization can add categories based on project handled by them)**  
**(Reporting period: Oct 2019 to Sep 2020)**

Network security audit	:	<b>-Nil-</b>
Web-application security audit	:	<b>-17-</b>
Web-server security audit	:	<b>-4-</b>
Wireless security audit	:	<b>-Nil-</b>
Stand-Alone application security audit	:	<b>-1-</b>
Device security audit	:	<b>-1-</b>
Mobile application security audit	:	<b>-2-</b>
Compliance audits (ISO 27001, PCI, etc.)	:	<b>-Nil-</b>

6. Technical manpower deployed for information security audits :

CISSPs	:	<b>-1-</b>
BS7799 / ISO27001 LAs	:	<b>-11-</b>
CISAs	:	<b>-Nil-</b>
DISAs / ISAs	:	<b>-Nil-</b>
Any other information security qualification	:	<b>-15-</b>
M.Tech (Information Security) : <number of>	:	<b>-2-</b>
M.Tech (Cyber Security) : <number of>	:	<b>-3-</b>
M.Tech (Cyber Law & Information Security) : <number of>	:	<b>-1-</b>
NPT : <number of>	:	<b>-2-</b>
CEH : <number of>	:	<b>-9-</b>
CCNSP : <number of>	:	<b>-2-</b>

CHFI : <number of>	:	-1-
CSA : <number of>	:	-1-
ACE : <number of>	:	-1-
Total Nos. of Technical Personnel	:	-27-

7. Details of technical manpower deployed for information security audits in Government and Critical sector organizations (attach Annexure if required)

S. No .	Technical Personnel's Name	Working with the organization since (month & year)	Information Security related qualifications (CISSP/ISMS LA / CISM/ CISA/ ISA etc., state as applicable)	Total experience in information security related activities (years)
1.	Ms. Shylaja K	Sep, 1999	PMP, ISMS LA, CCNSP, Trained on CCISO & CISSP	17+
2.	Ms. Bhagya Lakshmi A N	Oct, 2004	M.Tech (Software Systems), PMP, ISMS LA, NPT, Trained on CISSP	6+
3.	Ms. Poornima M	Nov, 2009	M.Tech (Cyber Security), CEH	4+
4.	Ms. Swathi M D	Sep, 2010	CEH	5+
5.	Ms. Akshatha S	Dec, 2018	Advanced Certification in Cyber Forensics	2+
6.	Mr. Deepak D	Nov, 2012	NPT, CEH	5+
7.	Mr. Kunal Mohan Sadalkar	Aug, 2011	M.Tech (Information Security)	9+
8.	Mr. Neeraj Kumar	Dec, 2014	M.Tech (Information Security), CHFI V8, ACE	9+
9.	Mr. Jagan Mohan Rao B	Apr, 1999	PMP, Trained on CISSP	9+
10.	Mr. Antony Benedict Raja G	Jun, 2010	CEH	6+
11.	Mr. Tarun Jain	Oct, 2010	CISSP	6+
12.	Mr. SandeepGadhvi	Jan, 2019	M.Tech (Cyber Security), ISMS LA, CEH, DIAT Certified Information Assurance Professional(DIAT CIAP)	2+
13.	Mr. Viplav	Feb, 2019	M.Tech (Cyber Law & Information Security)	2+
14.	Mr. ManojTyagi	Dec, 2010	M.S. (Software Systems), ISMS Internal Auditor, ISMS LA, PMP	4+
15.	Mr. GauravKataria	July 2007	M.Tech (Cyber Security), ISMS LA, CEH v10	11+
16.	Ms. KarunaShri	Dec 2010	ISMS Internal Auditor	4+
17.	Mr. Neeraj Kumar Singh	Dec 2010	CEH v10, ISMS Internal Auditor	4+
18.	Ms. Reshu Rani	Sep 2017	CEH v10	3.5+
19.	Mr. SagarVerma	Oct 2017	CEH v10, ISMS Internal Auditor	3+
20.	Mr. Akshit Singh	Oct 2018	CEH v10	2.5+
21.	Mr. Rajesh Kumar Udumu	Jun, 2006	CEH, CNDA	5+
22.	Mr. Vaman A Naik	Mar, 1986	ISMS LA	7+
23.	Mr. Praveen Kumar H T	Jun, 2001	ISMS LA, CCNSP	15+
24.	Ms. Madhavi M	Jan, 2005	PMP, ISMS LA	4+
25.	Mr. Mrityunjaya P Hegde	Feb, 2010	PMP, ISMS LA	5+
26.	Mr. Srinivas T	Dec, 1993	ISMS LA	9+
27.	Mr. DeeprajShukla	Jun, 2009	ISMS LA	5+
28.	Ms. Padmapriya T	Sep, 2011	PMP, ISMS LA	3+

8. Specify Largest Project handled in terms of scope (in terms of volume, complexity, locations etc.) along with project value.

**Security Audit of NC3I Application** – comprising of web application and standalone applications to acquire, store, process, integrate, correlate and display the tactical data in real time. The audit was conducted remotely through Team Viewer. This a high value project for the Indian Defence Customer.

9. List of Information Security Audit Tools used (commercial/ freeware/proprietary):

Freeware			Commercial	Proprietary
Wireshark/ TCPDump	Ettercap	Dsniff	Nessus Pro	NSAT
Kali Linux	Ferret	Lynis	Nexpose	Scripts
Nmap/ Zenmap	Hamster	NSLookup	Metasploit Pro	
Sqlmap	IP scanner	Netcat	Burpsuite	
Nikto	Yersinia	OmegaDB	Acunetix	
Hydra	Ethereal	OpenZap	HP WebInspect	
John the Ripper	Echo Mirage	OpenVAS	HP Fortify	
Putty	WebScarab	Hping	IBM Appscan	
Whois	Tor's Hammer	Fiddler	Maxpatrol	
Scapy	W3af	SSLTest	Codenomicon	
Pyloris	Sparta	HTTPMaster	beSTORM	
LOIC	Directory Buster	Curl	IDAPro	
CSRF Tester	SMTP Ping	WireEdit	NetSparker	
Olllydbg	Hash-Identifier	Process Hacker		
MBSA	Cisco Auditor	Armitage		
TestSSLServer	SysInternals Suite	Open SSL		
Python / Powershell Scripts	Santoku Linux	Browser Plugins		
Qualys SSL	Genymotion	MobSF		

10. Outsourcing of Project to External Information Security Auditors / Experts : **No**  
(If yes, kindly provide oversight arrangement (MoU, contract etc.))
11. Whether organization has any Foreign Tie-Ups? If yes, give details : **No**
12. Whether organization is a subsidiary of any foreign based organization? : **No**  
If yes, give details
13. Locations of Overseas Headquarters/Offices, if any : **Yes**

<b>New York</b> Bharat Electronics Limited 53, Hilton Avenue Garden City New York – 11530, USA	<b>Singapore</b> Bharat Electronics Limited 06-01, PSL Industrial Building 156, Maopherson Road Singapore – 348 528	<b>Srilanka</b> Bharat Electronics Limited No. 385, 1st Floor Landmark Building, Galle Road Colombo – 03, Srilanka
<b>Oman</b> Bharat Electronics Limited No. 0402Z214, 2nd Floor Building No.4 Knowledge Oasis Muscat (KOM) PO Box 200, Postal Code 123, AI Rusayl, Sultanate of Oman	<b>Myanmar</b> Bharat Electronics Limited No. 53, The Strand Square Level 2, Unit #. 209, Strand Road, PabedanTsp, Yangaon, Myanmar	<b>Vietnam</b> Bharat Electronics Limited 10th Floor, TNR Power Hanoi Vietnam

\*Information as provided by **Bharat Electronics Limited** on **23-10-2020**

**Snapshot of skills and competence of CERT-In empanelled  
Information Security Auditing Organisation**

**M/s CyRAAC Services Private Limited**

1. Name & location of the empanelled Information Security Auditing Organization:

**CYRAAC SERVICES PRIVATE LIMITED**

2. Carrying out Information Security Audits since : **2017**

3. Capability to audit, category wise (add more if required)

- Network security audit (Y/N) - **Y**
- Web-application security audit (Y/N) - **Y**
- Wireless security audit (Y/N) - **Y**
- Compliance audits (ISO 27001, IEC 62443, IEC 27019, PCI, etc.) (Y/N) - **Y**
- Finance Sector Audits (Swift, ATMs, API, Payment Gateway etc.) (Y/N) - **Y**
- ICS/OT Audits (Y/N) - **Y**
- Cloud security Audits (Y/N) - **Y**

4. Information Security Audits carried out in last 12 Months:

Govt.	:	<b>6</b>
PSU	:	<b>2</b>
Private	:	<b>151</b>
Total Nos. of Information Security Audits done	:	<b>159</b>

5. Number of audits in last 12 months, category-wise (**Organization can add categories based on project handled by them**)

Network security audit: **70**  
Web-application security audit: **100**  
Wireless security audit: **5**  
Compliance audits (ISO 27001, IEC 62443, IEC 27019, PCI, etc.): **29**  
Finance Sector Audits (Swift, ATMs, API, Payment Gateway etc.): **2**  
ICS/OT Audits: **2**  
Cloud security Audits: **27**

6. Technical manpower deployed for information security audits: 14

CISSPs: **1**  
BS7799 / ISO27001 LA: **4**  
CISAs: **2**  
DISAs / ISAs: **0**  
Any other information security qualification:  
**Offensive Security Certified Professional - 1**  
**Certified Ethical Hacker - 5**  
**Certified Information Security Manager – 1**  
**CBCP - 1** Total Nos. of Technical Personnel: 14

7. Details of technical manpower deployed for information security audits in Government and Critical sector organizations (attach Annexure if required)

S. No.	Name of Employee	Duration with <organization>	Experience in Information Security (years)	Qualifications related to Information security
1	Murari Shanker	39 months	32	CISM
2	Suresh P	22 months	21	TOGAF 9
3	Deepti Bhatia	37 months	6	CISSP, CISA
4	Venkateshwaran Prabhakaran	25 months	8	CISA
5	Ram Prasad	39 months	13	CEH, CHFI
6	Anamika Patil	39 months	3.3	OSCP, CEH, ISO 27001 LA
7	Varun Mokashi	24 months	2	CEH
8	Uday Naik	24 months	3	CEH
9	Ashutosh Nath Rimal	20 months	2	CEH
10	Kalyani B	6 months	6	ISO 27001 LA

8. Specify Largest Project handled in terms of scope (in terms of volume, complexity, locations etc.) along with project value.

#### Information Systems Audits for a Bank

##### Scope:

- Audit against requirements and circulars - RBI Cyber Security Framework, Gopalakrishna Committee Recommendations
- Audit against Storage of Payments Systems Data
- e-Sign Audit
- Audit against UIDAI requirements
- Vulnerability Assessment and Penetration Testing
- Red Team Assessment
- Application Security Assessment
- Cloud Security Audit
- Data Privacy
- Security Operations Audit

**Locations:** India

9. List of Information Security Audit Tools used(commercial/ freeware/proprietary):

Tool	User
Nessus Professional	Infrastructure Scanning
Burp Suite	Penetration Testing / Web Application Scanning
Metasploit	Penetration Testing
Charles	Infrastructure Scanning
Nikto	Penetration Testing
SQLmap	Penetration Testing / DB Scanner
W3AF	Web Application Scanning
AirCrack-ng	Infrastructure Scanning
Netcat	Multipurpose Tool
TCPDUMP	Infrastructure Scanning / Sniffer
Wireshark	Infrastructure Scanning / Sniffer
Kismet	Infrastructure Scanning



Tool	User
WebScarab	Web Application Scanning
OpenSSL Toolkit	Infrastructure scanning
Fiddler / Firebug	Web Application Scanning
SQLNinja	Penetration Testing / DB Scanner
Nirsoft Suite	Multipurpose Toolset
Sysinternals Suite	Multipurpose Toolset
Frida	Mobile Application Penetration testing
Drozer	Mobile Application Penetration testing
QARK	Mobile Application Penetration testing
MobSF	Mobile Application Penetration testing
SuperAndroidAnalyzer	Mobile Application Scanning
Postman	API Penetration Testing
FuzzAPI	API Scanning
Astra	API Penetration Testing
Fortify SCA	Secure Code Review
PMD	Secure Code Review
Checkstyle	Secure Code Review
FingBugs	Secure Code Review
Source meter	Secure Code Review
SonarQube	Secure Code Review
VCG	Secure Code Review
Prowler	Cloud Configuration Review
Scout Suite	Cloud Configuration Review
Custom Scripts	Multipurpose

10. Outsourcing of Project to External Information Security Auditors / Experts ( If yes, kindly provide oversight arrangement (MoU, contract etc.)) : **No**
11. Whether organization has any Foreign Tie-Ups? If yes, give details : **No**
12. Whether organization is a subsidiary of any foreign based organization If yes, give details : **No**
13. Locations of Overseas Headquarters/Offices, if any : **No**

11. \*Information as provided by **CYRAAC SERVICES PRIVATE LIMITED** on 01 July 2021

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**Snapshot of skills and competence of CERT-In empanelled  
Information Security Auditing Organisation**

**Madhya Pradesh State Electronics Development Corporation (MPSEDC)**

1. Name & location of the empanelled Information Security Auditing Organization :

**Madhya Pradesh State Electronics Development Corporation (MPSEDC)  
47/A State IT Center, Arera Hills Bhopal, Madhya Pradesh- 462011**

2. Carrying out Information Security Audits since : **January 2013**

3. Capability to audit , category wise (add more if required)

• Network security audit (Y/N)	:	N
• Web-application security audit (Y/N)	:	Y
• Wireless security audit (Y/N)	:	N
• Compliance audits (ISO 27001, IEC 62443, IEC 27019, PCI, etc.) (Y/N)	:	N
• Finance Sector Audits (Swift, ATMs, API, Payment Gateway etc.) (Y/N)	:	N
• ICS/OT Audits (Y/N)	:	N
• Cloud security Audits (Y/N)	:	N
• Information security policy review	:	Y
• Android Mobile app security audit	:	Y

4. Information Security Audits carried out in last 12 Months :

Govt.	:	<b>106</b>
PSU	:	<b>NA</b>
Private	:	<b>NA</b>
Total Nos. of Information Security Audits done	:	106

5. Number of audits in last 12 months , category-wise (**Organization can add categories based on project handled by them**)

Network security audit	:	<b>NA</b>
<b>Web-application security audit</b>	:	<b>106</b>
Wireless security audit	:	<b>NA</b>
Compliance audits (ISO 27001, IEC 62443, IEC 27019, PCI, etc.)	:	<b>NA</b>
Finance Sector Audits (Swift, ATMs, API, Payment Gateway etc.)	:	<b>NA</b>
ICS/OT Audits	:	<b>NA</b>
Cloud security Audits	:	<b>NA</b>

6. Technical manpower deployed for information security audits :

CISSPs	:	0
BS7799 / ISO27001 LAs	:	4
CISAs	:	0
DISAs / ISAs	:	0
Any other information security qualification :		
CISA	:	1
CIISA	:	1
CCIE-Security	:	1
EC-Council ECIH	:	1
EC-Council CeH	:	3
Nessus VM	:	1
Total Nos. of Technical Personnel	:	<b>6</b>

7. Details of technical manpower deployed for information security audits in Government and Critical sector organizations (attach Annexure if required)

S. No.	Name of Employee	Duration with <b>MPSEDC(Previously known as MAP_IT) as of Jan 31 2022</b>	Experience in Information Security	Qualifications related to Information security
1	Ambar Pande	7 years 1 Months	2 year 5 months	ISMS LA
2	Vineet Tiwari	3 years 2 Months	2 year 5 months	ISMS LA
3	PriyankSoni	7 years 8 Months	11 years 3 Months	ISMS LA, CEHv10, CISA(Exam)
4	VasundharaRaghuwanshi	6 Years 8 Months	7 years 3 Months	CIISA, CEHv10
5	Viral Tripathi	6 Years 2 Month	15 years 3 Months	CCIE-Security
6	Sourabh Singh Rathore	2 Year 2 Months	10 years 3 Months	Nessus VM, ISMA LA, ECIH, CEHv8

8. Specify Largest Project handled in terms of scope (in terms of volume, complexity, locations etc.) along with project value.

**MP - Urban Administration & Development - REAL ESTATE REGULATORY AUTHORITY (RERA)Website**

Project consists of 20 different modules which were audited in different phases

Complexity: High

Location: Bhopal

Volume: 20 Modules

No. of Static Pages in the application: 50

No. of Dynamic Pages in the application: 100

Project Value: NA

**MP State Election Commission (IEMS Portal + Website + Webservices)**

Project consists of 8 different modules and 60 Webservices which were audited in different phases

Complexity: High

Location: Bhopal

Volume: 8 Modules + 60 Webservices

No. of Static Pages in the application: 65

No. of Dynamic Pages in the application: 120

Project Value: NA

**SAARA (Smart Application for Revenue Administration)**

The SAARA application is a suite of modules developed for various functionaries of Revenue Department.

Project consists of 11 different modules and webservices

Complexity: High

Location: Bhopal

Volume: 11 Modules+ webservices

No. of Static Pages in the application: 10

No. of Dynamic Pages in the application: 100

Project Value: NA

9. List of Information Security Audit Tools used ( commercial/ freeware/proprietary):

**Commercial Tools:**

Micro Focus Webinspect 20.1.0

Burp Suite Professional v2021.6.2

**Freeware Tools:**

Kali Linux Framework

OWASP-ZAP 2.10.0  
Nmap,  
Nikto, Metasploit,Vega ,Nessus

10. Outsourcing of Project to External Information Security Auditors / Experts : **No**  
(If yes, kindly provide oversight arrangement (MoU, contract etc.))
11. Whether organization has any Foreign Tie-Ups? If yes, give details : **No**
12. Whether organization is a subsidiary of any foreign based organization? : **No**  
If yes, give details
13. Locations of Overseas Headquarters/Offices, if any : **No**

\*Information as provided by **M.P. State Electronics Development Corporation Ltd (MPSEDC)** on **Feb 4 2022.**

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**Snapshot of skills and competence of CERT-In empanelled  
Information Security Auditing Organisation**

**M/s Maverick Quality Advisory Services Private Limited**

1. Name & location of the empanelled Information Security Auditing Organization:

**MAVERICK QUALITY ADVISORY SERVICES PRIVATE LIMITED  
123 RADHEY SHYAM PARK P.O SAHIBABAD  
GHAZIABAD, U.P, INDIA – 201005**

2. Carrying out Information Security Audits since : **2005**

3. Capability to audit, category wise (add more if required)

- Network security audit (Y/N) : Yes
- Web-application security audit (Y/N) : Yes
- Wireless security audit (Y/N) : Yes
- Compliance audits (ISO 27001, IEC 62443, IEC 27019, PCI, etc.) (Y/N) : Yes
- Finance Sector Audits (Swift,ATMs, API, Payment Gateway etc.) (Y/N) : No
- ICS/OT Audits (Y/N) : Yes
- Cloud security Audits (Y/N) : Yes
- Physical Access Controls & Security testing (Y/N) : Yes
- Software Vulnerability Assessment (Y/N) : Yes
- Penetration Testing (Y/N) : Yes
- Information Security Testing (Y/N) : Yes
- Business Continuity Planning / Disaster Recovery Audit (Y/N) : Yes
- Mobile Application Security Audit(Y/N) : Yes
- Window Application Security Audit(Y/N) : Yes
- Secure Source Code Review(Y/N) : Yes

4. Information Security Audits carried out in last 12 Months :

Govt. : **294**  
 PSU : **22**  
 Private : **84**  
 Total Nos. of Information Security Audits done (In last 12 months) : **400**

5. Number of audits in last 12 months , category-wise (**Organization can add categories based on project handled by them**)

Network security audit : **10**  
 Web-application security audit : **360**  
 Mobile Application Security Audit : **23**  
 Window Application Security Audit : **1**  
 Secure Source Code Review : **6**  
 Penetration Testing : **370**  
 Compliance audits (ISO 27001) : **28+**

6. Technical manpower deployed for informationsecurity audits :

CISSPs : **1**  
 BS7799 / ISO27001 LAs : **11**  
 CISAs : **CISA(2) + CISM(4)**  
 Any other information security qualification : **9(CEH)**  
 Total Nos. of Technical Personnel : **21**

7. Details of technical manpower deployed for information security audits in Government and Critical sector organizations (attach Annexure if required)

S. No.	Name of Employee	Duration with <organization>	Experience in Information Security	Qualifications related to Information security
1	Anand Sarup	>9 years	>23 years	CISA,CISM,ISMS LA
2	Ashok	>16years	>15years	ISMS LA
3	Vinit	>16years	>17years	ISMS LA

4	Manish Gupta	>7 Years	>10 Years	CISA, CISM, ISO 31000, ISO 27001
5	Raj	>16years	>10 years	ISMS LA, CISM
6	Ashish	>6 Years	>4 Years	CEH, CISM
7	Alok Kumar	>5 Years	>4 Years	CEH
8	Chandra Kishor	>3 Years	>3 Years	CEH
9	Sanjeev Gupta	>6 years	>8 years	ISMS LA
10	G. Meenakshi	>8 Years	>11 Years	ISMS LA
11	Harish	>10 years	>19years	CISSP, MCSE, SYMANTAC Certified, RSA Certified
12	Pushkal	>3 Years	>6 Years	ISMS LA
13	Col. Sunil	>6 Years	>10 Years	ISMS LA
14	Padmanabhan	>5 Years	>7 Years	ISMS LA
15	Nirupama	>2 Years	>1 Year	ISMS LA
16	Ashutosh	<2 Years	<2 Years	CEH
17	Manoj	<2 Years	<2 Years	CEH
18	Rajat	<1 Year	<2 Years	CEH
19	Martand Pratap	<1 Year	<1 Year	CEH
20	Rajat	<1 Year	<1 Year	CEH
21	Priyanshu	<1 Year	<1 Year	CEH

8. Specify Largest Project handled in terms of scope (in terms of volume, complexity, locations etc.) along with project value.

Carrying out Web-Application Security audit for a Government Organization with value > INR 40 Lacs

Carried out Network Security Audit and Web-Application Security audit for a Private Organization with value > INR 20 Lacs

9. List of Information Security Audit Tools used ( commercial/ freeware/proprietary):

SNo	Tool Name	Type	Purpose
1	Burp Suite	Commercial	Web application auditing
2	Nessus	Commercial	Vulnerability Scanner
3	Nmap	Free	Port/service scanner
4	Metasploit	Free	Exploitation Tool
5	Netcat	Free	Network Testing
6	Ethereal	Free	Wireless Penetration Testing
7	SSLProxy	Free	Web Application Testing
8	STunnel	Free	Web Application Testing
9	VisualCodeGrepper	Free	Source Code Review
10	Nikto	Open Source	Web Application testing
11	Wireshark	Open Source	Packet Analyzer
12	SQLMap	Open Source	SQL Injection Exploitation
13	Kali-Linux	Open Source	OS containing open source tools
14	OWASP ZAP	Open Source	Web application auditing
15	MobSF	Open Source	Mobile Application Pen Test
16	apktool	Open Source	Mobile Application Pen Test
17	Procmon	Open Source	Process Monitor Tool
18	Echo Mirage	Open Source	Network Proxy
19	Postman	Open Source	Web services and API Testing Tool
20	Drozer	Open Source	Mobile Application Pen Test
21	SonarQube	Open Source	Source Code Review

- |  |           |
|--|-----------|
| 10. Outsourcing of Project to External Information Security Auditors / Experts :<br>( If yes, kindly provide oversight arrangement (MoU, contract etc.)) | <b>No</b> |
| 11. Whether organization has any Foreign Tie-Ups? If yes, give details :   | <b>No</b> |
| 12. Whether organization is a subsidiary of any foreign based organization? :<br>If yes, give details  | <b>No</b> |
| 13. Locations of Overseas Headquarters/Offices, if any :   | <b>No</b> |

\*Information as provided by Maverick Quality Advisory Services Private Limited on Jun 30 2021

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**Snapshot of skills and competence of CERT-In empanelled  
Information Security Auditing Organisation**

**M/s RSM Astute Consulting Pvt. Ltd.**

1. Name & location of the empanelled Information Security Auditing Organization :

**RSM Astute Consulting Pvt. Ltd. (www.rsmindia.in)**

Headquarters (Mumbai):

301-307, A Wing, Technopolis Knowledge Park,  
Mahakali Caves Road, Andheri (East),  
Mumbai – 400093

Tel: (+91-22) 6108 5555

Bangalore Office:

3<sup>rd</sup> floor, B Wing, Jubilee Building,  
45, Museum Road, Bengaluru-560025

2. Carrying out Information Security Audits since : 2011

3. Capability to audit , category wise (add more if required)

• Network security audit (Y/N)	:	<b>Y</b>
• Web-application security audit (Y/N)	:	<b>Y</b>
• Wireless security audit (Y/N)	:	<b>Y</b>
• Compliance audits (ISO 27001, PCI, etc.) (Y/N)	:	<b>Y</b>
• IT General Controls	:	<b>Y</b>
• IT Policy Compilation	:	<b>Y</b>
• Vulnerability Assessment & Penetration Testing	:	<b>Y</b>
• IT Infrastructure Audit	:	<b>Y</b>
• Review of Applications Implementation (Both Pre & Post Implementation)	:	<b>Y</b>
• End Point Security Review	:	<b>Y</b>
• Application Security Review	:	<b>Y</b>
• Secure Code Review	:	<b>Y</b>

4. Information Security Audits carried out in last 12 Months :

Govt.	:	<b>1</b>
PSU	:	<b>5</b>
Private	:	<b>48</b>
Total Nos. of Information Security Audits done	:	<b>54</b>

5. Number of audits in last 12 months , category-wise

• Network security audit	:	<b>7</b>
• Web-application security audit	:	<b>12</b>
• Mobile Application Security Audit	:	<b>4</b>
• Wireless security audit	:	<b>3</b>
• Compliance audits (ISO 27001, PCI, etc.)	:	<b>5</b>
• IT General Controls	:	<b>38</b>
• Vulnerability Assessment & Penetration Testing	:	<b>12</b>
• IT Infrastructure Audit	:	<b>2</b>
• Review of Applications Implementation (Both Pre & Post Implementation)	:	<b>4</b>
• Finance Sector Audits (Swift,ATMs, API, Payment Gateway etc.)	:	<b>1</b>

6. Technical manpower deployed for information security audits :

CISSPs	:	<b>2</b>
BS7799 / ISO27001 LAs	:	<b>18</b>
CISAs	:	<b>5</b>
DISAs / ISAs	:	<b>8</b>
CEH	:	<b>10</b>
CCNA	:	<b>2</b>
Total Nos. of Technical Personnel	:	<b>45</b>



7. Details of technical manpower deployed for information security audits in Government and Critical sector organizations:

S. No.	Name of Employee	Duration with RSM Astute Consulting	Experience in Information Security	Qualifications related to Information security
1	Anup Nair	> 4 years	18 years	B.E, Master – IT, CISA, CISP, CISSP, CIISA, SAP-Net Weaver Security Certification, ISO 22301 Lead Implementor, ISO 27001 LA, ESCA
2	K Chandrasekaran	>15 Years	>3 Years	B.Tech, IIT Madras, Diploma in Industrial Management(PGDIM), ISO 27001 LA
3	Suman Ganguly	< 1 year	16 years	BE, MBA, CISA, ISO 27001
4	G. Satish	>15 Years	>3 Years	DME (Diploma in Mechanical Engineering) Certified Lead Auditor for ISO 27001, ISO 9001, ISO 45001
5	Mahadevi Garu	> 6 years	12 years	CA, CISA, ISO 27001 LA
6	Yogendra Joshi	< 3 years	23 years	B.E, CISA
7	Sachin Pandhare	< 4 years	12 years	PGDBM, ISO 27001 LA
8	Rahul Kshirsagar	<1 years	10 years	M.S Computer Science, CEH, CNSS
9	Rishi Awasthi	< 3 years	8 years	BE, CISA, CRISC, CEH, ISO 27001 LA
10	Parag Sanghvi	< 6 years	< 6 years	CA, CISA, CISSP, CRISC, SAP (FI), ISO 27001 LA
11	Shyam Sundaran	< 1 year	< 5 years	MBA, CISA
12	Nitin Bhamare	< 1 year	< 6 years	BE, CEH
13	Pragati Satra	< 3 years	< 3 years	B.E, CISA, ISO27001 LA
14	Shailesh Mahale	>15 years	>25 years	Microsoft Certified System Engineer, CCNA, CEH
15	Anjan Hajra	>7 years	>17 years	DOEACC, CCNA, ITIL
16	Satish Suvarna	> 11 years	>17 years	MBA (IT), Diploma in Hardware & Networking
17	B Nutan Kumar Reddy	< 1 year	7 years	ICWA/CMA, CISA
18	Ramya Sagri Acharya	< 1 year	>18 years	CA, Diploma in IT, Certified Internal Auditor, IT Auditor, Certified Fraud examiner, SOS Internal controls

8. Specify Largest Project handled in terms of scope (in terms of volume, complexity, locations etc.) along with project value.

Clients	Details
World's leading IT & ITES Company	Information Security and Cyber Security Services for their 3 delivery centers in Mumbai, Pune and UK. The Project value was Rs. 2.63 Crores
India's leading Scheduled Bank	Review of application security, API security and mobile application security assessment for one of the largest Scheduled Banks. The assessment coverage was for 150 applications of the Bank: The scope involved:  Application Security Assessment VAPT Mobile Application Security Assessment API Security Assessment The Project value was Rs.35,04,600/-

India's leading Private Bank	<p>Review of Third Party Risk Management and determine Information Security maturity levels for the following domains</p> <ul style="list-style-type: none"> <li>• Business Objectives, Governance and Policy</li> <li>• Data Protection</li> <li>• Security Risk Management</li> <li>• Access Management</li> <li>• Organization and Resources</li> <li>• Incident Response</li> <li>• Third-Party/Vendor Management</li> <li>• Security Architecture</li> <li>• Infrastructure Resiliency</li> <li>• Security Awareness and Training</li> </ul> <p>The Project value was Rs.33,00,000/-</p>
India's leading Oil Company	<p>System review of core ERP system (i.e. SAP), business cycles and IT Audits. The scope covered 26 audits across Pan India.</p> <p>The Project value was Rs.22,50,000/-</p>
Leading Indian consumer electrical equipment manufacturing company	<p>The scope involved conducting enterprise wide Cyber Security Assessment for all their critical systems and assisting in establishing Information Security Framework along with policies and procedures.</p> <p>The Project value was Rs. 23,25,000/-</p>

9. List of Information Security Audit Tools used (commercial/ freeware/proprietary):

- Nessus Professional
- Kali Linux
- Nmap
- NetCat, NPing, HPing
- OpenSSL
- Wireshark
- Metasploit
- SQLMap
- Appscan
- Burp Suite Pro
- Owasp ZAP
- Nipper, Nipper-ng
- Checkmarx Static Code Analyzer.
- Python, PowerShell
- MobSF
- Magisk
- APKtool
- Echo Mirage

10. Outsourcing of Project to External Information Security Auditors / Experts : Yes/No : **No**  
(If yes, kindly provide oversight arrangement (MoU, contract etc.)

11. Whether organization has any Foreign Tie-Ups? If yes, give details : Yes/No : **Yes**

(RSM Astute Consulting Private Limited is an independent member firm of RSM International located at 50 Cannon Street, London, EC4N 6JJ – United Kingdom. RSM International is the 6<sup>th</sup> largest audit, tax and consulting network globally and has presence in 120 countries. Each member entity in respective country is a separate and independently owned entity)

12. Whether organization is a subsidiary of any foreign based organization? : Yes/No : **No**

13. Locations of Overseas Headquarters/Offices, if any : Yes/No : **N/A**

**\*Information as provided by RSM Astute Consulting Pvt. Ltd on August 18, 2021**

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**Snapshot of skills and competence of CERT-In empanelled  
Information Security Auditing Organisation**

**M/s Sysman Computers**

1. Name & location of the empanelled Information Security Auditing Organization :

**Sysman Computers**  
**312, Sundram, Rani Laxmi Chowk, Sion Circle, Mumbai 400022**  
**Contact : Dr. Rakesh M Goyal, Director**  
**Website : www.sysman.in**  
**Phone – 99672-48000 / 99672-47000 / 022-2407-3814**  
**Email – rakesh@sysman.in / ससमैन@ससमैन.भारत**

2. Carrying out Information Security Audits since : **1991**

3. Capability to audit, category wise (add more if required)

• Network security audit (Y/N)	-	<b>YES</b>
• Web-application security audit (Y/N)	-	<b>YES</b>
• Mobile-application security audit (Y/N)	-	<b>YES</b>
• Wireless security audit (Y/N)	-	<b>YES</b>
• Compliance audits (ISO 27001, PCI, etc.) (Y/N)	-	<b>YES</b>
• Finance Sector Audits (Swift, ATMs, API, Payment Gateway etc.)	-	<b>YES</b>
• ICS/OT Audits (Y/N)	-	<b>YES</b>
• Cloud security Audits (Y/N)	-	<b>YES</b>
• Main business application audit	-	<b>YES</b>
• Cyber Forensics	-	<b>YES</b>
• IT GRC Consulting	-	<b>YES</b>
• Techno-legal compliance/consulting	-	<b>YES</b>
• Audit of Certifying Authorities/e-sign/RA/ASP	-	<b>YES</b>
• Audit of UIDAI AUA / KUA / ASA / KSA	-	<b>YES</b>
• Data Privacy Audits	-	<b>YES</b>

4. Information Security Audits carried out in last 12 Months :

Govt. : <number of>	:	<b>03</b>
PSU : <number of>	:	<b>15</b>
Private : <number of>	:	<b>69</b>
Total Nos. of Information Security Audits done	:	<b>87</b>

5. Number of audits in last 12 months , category-wise (**Organization can add categories based on project handled by them**)

Network security audit: <number of>	:	<b>08</b>
Web-application security audit: <number of>	:	<b>27</b>
Mobile-application security audit: <number of>	:	<b>02</b>
Wireless security audit: <number of>	:	<b>01</b>
Compliance audits (ISO 27001, PCI, RBI): <number of>	:	<b>18</b>
Cyber Forensics : <number of>	:	<b>05</b>
IT GRC Consulting/Audit : <number of>	:	<b>05</b>
Audit of CA/e-sign/RA/ASP : <number of>	:	<b>15</b>
Audit of UIDAI AUA / KUA / ASA / KSA : <number of>	:	<b>04</b>
ISNP/GICSI audits : <number of>	:	<b>02</b>
Finance Sector Audits (Swift, ATMs, API, Payment Gateway etc.)	:	<b>02</b>
ICS/OT Audits: <number of>	:	<b>02</b>
Cloud security Audits: <number of>	:	<b>01</b>

6. Technical manpower deployed for information security audits :

CISSPs : <number of>	:	<b>01</b>
BS7799 / ISO27001 LAs : <number of>	:	<b>05</b>
CISAs : <number of>	:	<b>04</b>
DISAs / ISAs : <number of>	:	<b>01</b>

Any other information security qualification: **<number of>** : **04**  
 Total Nos. of Technical Personnel : : **08**

7. Details of technical manpower deployed for information security audits in Government and Critical sector organizations (attach Annexure if required)

S. No.	Name of Employee	Duration with Sysman	Experience in Information Security	Qualifications related to Information security
1	Dr. Rakesh M Goyal	Feb 1985	30 years	PhD, CISA, CISM, CCNA, CFE, CCCI
2	Vaibhav Banjan	May 2007	18 years	CISA, DISA
3	Anand Tanksali	April 2010	14 years	CCNA, CCSA
4	Winod P Karve	Sep 1999	22 years	CISA, ISO27001 LA
5	Mohammad Khalid	March 2011	11 years	CCNA, ISO27001 LA
6	Pallavi Goyal	April 2010	10 years	ISO27001 LA, CCNA, CEH
7	Ankur Goyal	March 2012	12 years	ISO27001 LA
8	Kiran Chugh	June 2015	13 years	CISA, CISSP, ISO27001 LA

8. Specify Largest Project handled in terms of scope (in terms of volume, complexity, locations etc.) along with project value.

- IT Infrastructure with 150 servers, 2500+ nodes, 120 switches, 30 routers spread over 50 locations all over India alongwith matching DR site.**
- Application audit with 32 modules used by 6000 people**
- e-governance Web-application with 23 modules exposed to world**

9. List of Information Security Audit Tools used ( commercial/ freeware/proprietary):

**Mostly used - Nmap, Superscan, Nessus, Metasploit, Kali, SecurityForest, sqlmap, MBSA, Belarc, w3af, GFI, Aircrack, Nikto, Kismet, NetStumbler, WebSecurify, Burp Suite, Temper data, N-stalker, ZAP, Secure Auditor, Web developer toolbar. (others depending upon requirement). Finally Manual exploitation.**

10. Outsourcing of Project to External Information Security Auditors / Experts : **NO**  
 ( If yes, kindly provide oversight arrangement (MoU, contract etc.))

**No. No outsourcing of assignment is done. But engagement of external known experts along with Sysman team is done, based on special skills required for any specific assignment.**

**For this, we have (a) Confidentiality and Non Disclosure Agreement; (b) adherence to IT Security and other Policies and (c) clear cut scope of work, with clear knowledge of client.**

11. Whether organization has any Foreign Tie-Ups? : **NO**  
 If yes, give details : **NA**

12. Whether organization is a subsidiary of any foreign based organization? : **NO**  
 If yes, give details : **NA**

13. Locations of Overseas Headquarters/Offices, if any :

**We are pure Desi organisation. There is no overseas HQ or office or branch.**

\*Information as provided by Sysman Computers on 29 June 2021

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**Snapshot of skills and competence of CERT-In empanelled  
Information Security Auditing Organisation**

**M/s Mirox Cyber Security & Technology Pvt Ltd**

1. Name & location of the empanelled Information Security Auditing Organization :

Name : - Mirox Cyber Security & Technology Pvt Ltd  
 Location: - 4th Floor Nila Technopark Trivandrum 695581 Kerala India  
 Phone +91 471 4016888  
 Phone +91 471 4000545  
 Mobile+91 9995199499,  
 Mobile +91 9995799499  
 Email- rb@miroxindia.com  
 Email- cert@miroxindia.com  
 Email- rbmirox2000@gmail.com

2. Carrying out Information Security Audits since : **2010**

3. Capability to audit , category wise (add more if required)

- Network security audit (Y/N) : Yes
- Web-application security audit (Y/N) : Yes
- Wireless security audit (Y/N) : Yes
- Compliance audits (ISO 27001, PCI, etc.) (Y/N) : YES
- Application VAPT - (Vulnerability Assessment & Penetration Testing) : YES
- Network VAPT - (Vulnerability Assessment & Penetration Testing) : YES
- Mobile Application VAPT - (Vulnerability Assessment & Penetration Testing) : YES
- IOT Security Testing : YES
- Social Engineering Test : YES
- Secure Code Review : YES
- Host Security Assessments : YES
- Database Security Audit & Assessment : YES
- Device Security Audit & Assessment : YES
- Telecom Security Audit & Assessment : YES
- SCADA VAPT : YES
- Electronic Security Audit : YES
- Risk Assessments : YES
- ERP Security Audit & Assessment : YES
- Infrastructure Security Audit : YES
- Big Data Security Audit & Assessment : YES
- Cyber forensic Analysis : Yes
- Security Architecture Review : Yes
- Data Center Security Audit & Assessment : Yes
- Cloud Applications VAPT : Yes
- Threat Assessment : Yes
- SOC - Security Operation Center Audit & Assessment : Yes
- Managed Security Service : Yes
- Automotive Security Audit : Yes
- AI - Artificial Intelligence Security Audit : Yes
- ML- MACHINE LOG AUDIT : Yes
- Satellite Communication Device & System Audit : Yes
- Data Localization Security Audit : Yes
- Ransomware Rescue Analysis & Forensic Investigation : YES
- SOAR - Security Orchestration, Automation and Response Audit & Review : YES

4. Information Security Audits carried out in last 12 Months :

Govt. : **63**  
 PSU : **7**  
 Private : 90  
 Total Nos. of Information Security Audits done : 160

5. Number of audits in last 12 months , category-wise (**Organization can add categories based on project handled by them**)

• Network security audit	:	25
• Web-application security audit	:	95
• Wireless security audit	:	25
• Compliance audits (ISO 27001, PCI, etc.)	:	10
• Penetration Testing	:	75
• Mobile Applications Testing	:	50
• IOT & Device Audit	:	1
• ERP Audit	:	1
• Automotive Audit	:	1
• Database Security Audit	:	10
• Security Architecture Review	:	4
• Threat Assessment	:	2
• Social Engineering Test	:	3
• Cyber forensic Analysis	:	2
• Risk Assessment	:	2
• Infrastructure Security Audit	:	5
• Electronic Security Audit	:	1
• Log analysis audit	:	2
• Independent Verification & Validation	:	2
• SOAR Security Orchestration, Automation and Response Audit & Review	:	1

6. Technical manpower deployed for information security audits :

CISSPs	:	<b>1</b>
BS7799 / ISO27001 LAs	:	<b>3</b>
CISAs	:	<b>2</b>
DISAs / ISAs	:	<b>2</b>
Core Technical Security Experts	:	10
Any other information security qualification	:	<b>6</b>
Total Nos. of Technical Personnel	:	18

7. Details of technical manpower deployed for information security audits in Government and Critical sector organizations (attach Annexure if required)

S. No.	Name of Employee	Duration with <b>&lt;organization&gt;</b>	Experience in Information Security	Qualifications related to Information security
1	Rajesh Babu	10	14+	CEH/Security Expert Certified/CISO/Risk Assessment
2.	Lalit	1	16+	Lead Auditor ISO 27001:2005 , - ISO 22301:2012 , - ISO 9001:2015 (Information Security Management System)
3.	Harish V	4.5	4.5 +	CEH, Security Certified
4.	Amal TK	2	2 +	Security Certified
5.	Ananthulal	1	1+	CEH, Security Certified
6	Anas SA	2	2+	M.SC Cyber Security
7	Pradeep KK	1	15 +	Lead Auditor for ISO 27001, Lead Auditor for ISO 9001, Qualified Auditor for ISO 14001, CSQP
8	Manoj VN	1	15 +	Lead auditor for Quality Management System (ISO 9001)Lead auditor for EMS Qualified auditor for OHSAS ( Safety & Security)
9	Nandu	1	2+	Electronic Security Certified
10	Vishnu	1	1	CEH, Security Certified

8. Specify Largest Project handled in terms of scope (in terms of volume, complexity, locations etc.) along with project value.
- Done the largest Infrastructure Security Audit and Assessment more than 16000 machines plus Enterprise UTM/IDS/IPS/SIEM/ Routers and other related IP based devices etc...for an US Based company and Kerala State Government SECWAN network 5000 plus.
  - Done The Security Testing for World's 3rd largest image and video content portal for an UK based Enterprise. Its owned and stock more than 100 millions video and image contents.
  - Done the Infrastructure SOAR Platform audit for largest Retail based network

9. List of Information Security Audit Tools used ( commercial/ freeware/proprietary):

S.No.	Tools	Opensource/Licensed
1	Acunetix	Licensed
2	Nessus	Licensed
3	SE-SMSer	Opensource
4	acccheck	opensource
5	ace-voip	opensource
6	Amap	opensource
7	arp-scan	opensource
8	Automater	opensource
9	bing-ip2hosts	opensource
10	braa	opensource
11	CaseFile	opensource
12	CDPSnarf	opensource
13	cisco-torch	opensource
14	Cookie Cadger	opensource
15	copy-router-config	opensource
16	DMitry	opensource
17	dnmap	opensource
18	dnsenum	opensource
19	dnsmap	opensource
20	DNSRecon	opensource
21	dnstracer	opensource
22	dnswalk	opensource
23	DotDotPwn	opensource
24	enum4linux	opensource
25	enumIAX	opensource
26	EyeWitness	opensource
27	Faraday	opensource
28	Fierce	opensource
29	Firewalk	opensource
30	fragroute	opensource
31	fragrouter	opensource
32	Ghost Phisher	opensource
33	GoLismero	opensource
34	goofile	opensource
35	hping3	opensource



36	ident-user-enum	opensource
37	InSpy	opensource
38	InTrace	opensource
39	iSMTP	opensource
40	lbd	opensource
41	Maltego Teeth	opensource
42	masscan	opensource
43	Metagoofil	opensource
44	Miranda	opensource
45	nbtscan-unixwiz	opensource
46	Nmap	opensource
47	ntop	opensource
48	OSRFramework	opensource
49	p0f	opensource
50	Parsero	opensource
51	Recon-ng	opensource
52	SET	opensource
53	SMBMap	opensource
54	smtp-user-enum	opensource
55	snmp-check	opensource
56	SPARTA	opensource
57	sslaudit	opensource
58	SSLsplit	opensource
59	sslstrip	opensource
60	SSLyze	opensource
61	Sublist3r	opensource
62	THC-IPV6	opensource
63	theHarvester	opensource
64	TLSSLed	opensource
65	twofi	opensource
66	URLCrazy	opensource
67	Wireshark	opensource
68	WOL-E	opensource
69	Xplico	opensource
70	BBQSQL	opensource
71	BED	opensource
72	cisco-auditing-tool	opensource
73	cisco-global-exploiter	opensource
74	cisco-ocs	opensource
75	cisco-torch	opensource
76	copy-router-config	opensource
77	DBPwAudit	opensource
78	Doona	opensource
79	DotDotPwn	opensource
80	HexorBase	opensource

81	Inguma	opensource
82	jSQL	opensource
83	Lynis	opensource
84	Nmap	opensource
85	ohrwurm	opensource
86	openvas	opensource
87	Oscanner	opensource
88	Powerfuzzer	opensource
89	sfuzz	opensource
90	SidGuesser	opensource
91	SIPArmyKnife	opensource
92	sqlmap	opensource
93	SqlNinja	opensource
94	sqlsus	opensource
95	tnscmd10g	opensource
96	unix-privesc-check	opensource
97	Yersinia	opensource
98	Armitage	opensource
99	Backdoor Factory	opensource
100	BeEF	opensource
101	Commix	opensource
102	crackle	opensource
103	exploitdb	opensource
104	jboss-autopwn	opensource
105	Linux Exploit Suggester	opensource
106	Maltego Teeth	opensource
107	Metasploit Framework	opensource
108	MSFPC	opensource
109	RouterSploit	opensource
110	Airbase-ng	opensource
111	Aircrack-ng	opensource
112	Airdecap-ng and Airdecloak-ng	opensource
113	Aireplay-ng	opensource
114	Airmon-ng	opensource
115	Airodump-ng	opensource
116	airodump-ng-oui-update	opensource
117	Airolib-ng	opensource
118	Airserv-ng	opensource
119	Airtun-ng	opensource
120	Asleap	opensource
121	Besside-ng	opensource
122	Bluelog	opensource
123	BlueMaho	opensource
124	Bluepot	opensource
125	BlueRanger	opensource

126	Bluesnarfer	opensource
127	Bully	opensource
128	coWPAtty	opensource
129	crackle	opensource
130	eapmd5pass	opensource
131	Easside-ng	opensource
132	Fern Wifi Cracker	opensource
133	FreeRADIUS-WPE	opensource
134	Ghost Phisher	opensource
135	GISKismet	opensource
136	Gqrx	opensource
137	gr-scan	opensource
138	hostapd-wpe	opensource
139	ivstools	opensource
140	kalibrate-rtl	opensource
141	KillerBee	opensource
142	Kismet	opensource
143	makeivs-ng	opensource
144	mdk3	opensource
145	mfcuk	opensource
146	mfoc	opensource
147	mfterm	opensource
148	Multimon-NG	opensource
149	Packetforge-ng	opensource
150	PixieWPS	opensource
151	Pyrit	opensource
152	Reaver	opensource
153	redfang	opensource
154	RTLSDR Scanner	opensource
155	SpoofTooph	opensource
156	Tkaptun-ng	opensource
157	Wesside-ng	opensource
158	Wifi Honey	opensource
159	wifiphisher	opensource
160	Wifitap	opensource
161	Wifite	opensource
162	wpaclean	opensource
163	apache-users	opensource
164	Arachni	opensource
165	BBQSQL	opensource
166	BlindElephant	opensource
167	CutyCapt	opensource
168	DAVTest	opensource
169	deblaze	opensource
170	DIRB	opensource

171	DirBuster	opensource
172	fimap	opensource
173	FunkLoad	opensource
174	Gobuster	opensource
175	Grabber	opensource
176	hURL	opensource
177	jboss-autopwn	opensource
178	joomscan	opensource
179	jSQL	opensource
180	Maltego Teeth	opensource
181	PadBuster	opensource
182	Paros	opensource
183	Parsero	opensource
184	plecost	opensource
185	Powerfuzzer	opensource
186	ProxyStrike	opensource
187	Recon-ng	opensource
188	Skipfish	opensource
189	sqlmap	opensource
190	SqlNinja	opensource
191	sqlsus	opensource
192	ua-tester	opensource
193	Uniscan	opensource
194	Vega	opensource
195	w3af	opensource
196	WebScarab	opensource
197	Webshag	opensource
198	WebSlayer	opensource
199	WebSploit	opensource
200	Wfuzz	opensource
201	WPScan	opensource
202	XSSer	opensource
203	Burpsuite	Commercial
204	Google Nogotofail	Opensource
205	ImmuniWeb	Opensource
205	zaproxy	opensource

10. Outsourcing of Project to External Information Security Auditors / Experts : No  
( If yes, kindly provide oversight arrangement (MoU, contract etc.))

11. Whether organization has any Foreign Tie-Ups? If yes, give details : No

12. Whether organization is a subsidiary of any foreign based organization? : No  
If yes, give details

13. Locations of Overseas Headquarters/Offices, if any : No

\*Information as provided by Mirox Cyber Security & Technology on 26-10-2020

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**Snapshot of skills and competence of CERT-In empanelled  
Information Security Auditing Organisation**

**M/s AQM Technologies Pvt Ltd.**

1. Name & location of the empanelled Information Security Auditing Organization:

**AQM Technologies Pvt Ltd.**  
Mumbai, India

2. Carrying out Information Security Audits since:

**Year 2001 - (erstwhile AUDITime Information Systems Ltd.)**  
**Year 2018 (AQM Technologies Pvt. Ltd.)**

3. Capability to audit, category wise (add more if required)

Network security audit (Y/N):	Y
Web-application security audit (Y/N):	Y
Wireless security audit (Y/N):	Y
Compliance audits (ISO 27001, PCI, etc.) (Y/N):	Y
Cyber Security & CSOC Audits	Y
Cloud & DC, DR, BCM (ISO 22301) Audits	Y
Source Code Reviews	Y
IT Application / ERP Audits	Y
IT Security & Infrastructure Audits	Y
Vulnerability Assessments & Pen Testing (Mobile/WebApps)	Y
Third Party / Outsourcing / Vendor Audits	Y
Functional Audits (BFSI/CBS/ Treasury / GL/ Recon) Audits	Y
SWIFT / ATMs/ Switch/ API/ Payment Gateway Audits	Y
Data& Technical Migration & Pre / Post Implementation Audits	Y
IT M&A / Due Diligence Audits	Y
Concurrent Audits – DC, Application, ITGC & Security Audits	Y
Assurance of IT Audits	Y
AUA/ KUA Audits	Y

4. Information Security Audits carried out in last 12 Months:

Govt.	:	<b>12</b>
PSU	:	<b>5</b>
Private	:	<b>17</b>
Total Nos. of Information Security Audits done	:	<b>34</b>

5. Number of audits in last 12 months, category-wise (**Organization can add categories based on project handled by them**):

Category	Number
<b>Network security audit</b>	<b>21</b>
<b>Website /Web application security audit</b>	<b>73</b>
<b>Cyber Security / Compliance Audit</b>	<b>9</b>
<b>Application audit</b>	<b>5</b>
<b>Mobile Application Audit</b>	<b>29</b>
<b>Source Code Review</b>	<b>1</b>
<b>Server Configuration Audit</b>	<b>9</b>

<b>Server VAPT</b>	4
<b>Database Audit</b>	4
<b>Data Migration Audit</b>	2

6. Technical manpower deployed for information security audits:

<b>Technical Competence</b>	<b>Number</b>
<b>CISSPs:</b>	1
<b>BS7799 / ISO27001 LAs:</b>	4
<b>CISAs :</b>	7 (Certified) +2 (Certification Pending)
<b>DISAs / ISAs :</b>	0

Any other information security qualification:

**CISM, CISE, CFE, CEH, ECSA, CHFI, CCNA, CND CISC, CDAC (PG-DITISS), M.Sc(Forensic sciences), CDCP, CDPO, Diploma in Cyber Law, CDAC (ITSS), Networking, Win Ad & Linux, Cloud Star Certified, CPSE**

**Total Nos. of Technical Personnel:24**

7. Details of technical manpower deployed for information security audits in Government and Critical sector organizations (attach Annexure if required): **Refer Annexure.**

S. No.	Name of Employee	Duration with <b>&lt;organization&gt;</b>	Experience in Information Security	Qualifications related to Information security

8. Specify Largest Project handled in terms of scope (in terms of volume, complexity, locations etc.) along with project value:

1. **Bandhan Bank -**

1. APIs/ Middleware, Mobile Banking & Mobile based payment systems
2. Application Security, ATM switch audits
3. Vulnerability Assessments & Pen testing
4. Cyber security framework, BioMetric Authentication, Network Infra
5. NACH, SFMS, RTGS, NEFT, Corporate Internet Banking, Debit Cards System
6. Active Directory, OS & Databases
7. Network & Security Device
8. Configuration Review
9. Third Party (vendor Audits)

**[security audits across multiple platforms, different regions with GRUH Finance integrated with Bandhan Bank systems – Appls, Databases, APIs, Network, Infra and Third Party audits] – approx. Appl/ API/ Infra counts: ~ 200  
Value : INR < 25 lacs**

2. **UCO Bank –**

1. Penetration testing
2. Vulnerability Assessments
3. Source Code Audits
3. **[VA & PT across multiple platforms including UPI systems, type of testing – Black box / Grey box / White box) including source code audits – includes mobile, App – web / thick client / standalone]**
4. **Periodic Testing / Quarterly / Half yearly –[multi year]**
5. **approx. Appl/ Source Code Audits/ Infra counts:> 450  
Value : INR < 20 Lacs [periodic]**

9. List of Information Security Audit Tools used (commercial/ freeware/proprietary):

Tool Name	Purpose
Acunetix	Web Application VA
Burp suite	Web App, Mobile App, API VAPT,
SoapUI	API VAPT
CheckMarkx	Source Code Review & Web App PT
Nessus	Server VA, Network VA, Cloud VA
Qualys	Server VA, Network VA, Cloud VA
Python scripts (proprietary)	Server/Network/Web application VAPT
Logcat	Mobile Application VAPT

Other Tools	
Kali Linux	Mobile application VAPT, Web Application VAPT, Server VAPT, Network + WiFi VAPT.
JD-GUI / DEX2JAR/ APKTOOL/ Drozer/ MOBSF	Mobile Application VAPT
POSTMAN	Web services and API Testing automated tool
Wireshark	Network protocol analyser
Ettercap	network sniffing / intercepting / logger for ethernet LANs
OWASP Zed Attack Proxy/ SQLMap/ Iron Wasp/ Nikto	Web application security scanning
SSL Qualys server lab	SSL Scanner
NetCraft / NMAP	Internet security services checks/ assessment (e.g.: anti-fraud and anti-phishing services and PCI scanning, Port scanning)
Metasploit Framework / Netcat	Exploit code development framework for Pentesting
EchoMirage	Thick Client VA & PT

10. Outsourcing of Project to External Information Security Auditors / Experts: Yes/No: **NO**  
( If yes, kindly provide oversight arrangement (MoU, contract etc.))

11. Whether organization has any Foreign Tie-Ups? If yes, give details: Yes/No:**NO**

12. Whether organization is a subsidiary of any foreign based organization:Yes/ No: **NO**  
If yes, give details

13. Locations of Overseas Headquarters/Offices, if any: Yes/No:**NA**

\* Information as provided by **AQM Technologies Pvt Ltd. On 26th Oct 2020.**

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**ANNEXURE** - Details of Team:Details of technical manpower deployed for information security audits

<b>S . N o.</b>	<b>Name</b>	<b>Email &amp; Phone</b>	<b>Duration with AQM</b>	<b>Experience in Information Security</b>	<b>Qualification and Certification</b>
1.	Madhav Bhadra	<a href="mailto:Madhav.Bhadra@aqmtechnologies.com">Madhav.Bhadra@aqmtechnologies.com</a>	19 Years	19 Years	CA, CISA
2.	Ritesh Kotecha	<a href="mailto:Ritesh.Kotecha@aqmtechnologies.com">Ritesh.Kotecha@aqmtechnologies.com</a>	14 years	14 years	CA, CISA
3.	Dhruti Patel	<a href="mailto:dhruti.patel@aqmtechnologies.com">dhruti.patel@aqmtechnologies.com</a>	16 Years	16 Years	ICWA, CISA, ISO 20000
4.	Sanjay Jitendra Parikh	<a href="mailto:sanjay.parikh@aqmtechnologies.com">sanjay.parikh@aqmtechnologies.com</a>	4 Years	19 Years	CISA, CISM (certification pending), CDPO, PGDM (Computers), ITIL v3 IT Service Management, Certification in Business Analytics
5.	Rasika Manoj Patil	<a href="mailto:rasika.patil@aqmtechnologies.com">rasika.patil@aqmtechnologies.com</a>	4 Years	4 Years	ME (Computer Science), B.Sc, CISA, CISM, MCSE
6.	Ruchika Agrawal	<a href="mailto:ruchika.agrawal@aqmtechnologies.com">ruchika.agrawal@aqmtechnologies.com</a>	3Years	3Years	B. Tech (Information Technology), CDAC (PG-DITISS), ECSA
7.	Mahesh Vaman Harkulkar	<a href="mailto:mahesh.harkulkar@aqmtechnologies.com">mahesh.harkulkar@aqmtechnologies.com</a>	2 Years	2 Years	B.E. (Computer Engineering), CDAC (PG-DITIS), CEH v10
8.	Akash Bharat Chavan	<a href="mailto:akash.chavan@aqmtechnologies.com">akash.chavan@aqmtechnologies.com</a>	2 Years	2 Years	B.E. (Electronics and Telecommunication), PG-DITISS, CDAC, CEH v10
9.	Chaitanya S. Anant	<a href="mailto:chaitanya.anant@aqmtechnologies.com">chaitanya.anant@aqmtechnologies.com</a>	2 Years	2 Years	B.E., CDAC, CEH, CIH V2
10.	Nimesh Kacha	<a href="mailto:Nimesh.Kacha@aqmtechnologies.com">Nimesh.Kacha@aqmtechnologies.com</a>	2 Years	2 Years	B.Sc. (Computer Science), CEH, DIPLOMA IN CYBER LAW, ISO 27001 LA
11.	Ankit Sharma	<a href="mailto:Ankit.Sharma@aqmtechnologies.com">Ankit.Sharma@aqmtechnologies.com</a>	2 Years	2 Years	B. Sc (IT), CEH, ECSA, CHFI, ISO 27001 LA
12.	Devender Tinwal	<a href="mailto:devender.tinwal@aqmtechnologies.com">devender.tinwal@aqmtechnologies.com</a>	1.5 Years	1.5 Year	CISA (Certification Pending),
13.	Kajol Mogra	<a href="mailto:Kajol.Mogra@aqmtechnologies.com">Kajol.Mogra@aqmtechnologies.com</a>	1.5 Years	1.5 Year	B.Sc., Masters in Forensic Science, CEH v10
14.	Vaibhav Mali	<a href="mailto:Vaibhav.Mali@aqmtechnologies.com">Vaibhav.Mali@aqmtechnologies.com</a>	1 Year	12 Years	BSc (Computer Science), MBA, ITILv4, , PRINCEv2, CCNA, MCSE, , MCTS & MCP, JNCIA
15.	Durgesh P. Badgujar	<a href="mailto:Durgesh.Badgujar@aqmtechnologies.com">Durgesh.Badgujar@aqmtechnologies.com</a>	1.5 Year	1.5 Years	CDAC, CEH v10
16.	Ravindra A	<a href="mailto:Ravindra.A@aqmtechnologies.com">Ravindra.A@aqmtechnologies.com</a>	< 1 year	12 Years	BE, MBA, Dip in Ind. Mgmt, Chartered Engineer, CISA, CDPSE, ISO 27001 LA, ISO22301-BCMS LI, ISO27701 PIMS LI, CDCP, CSA Star Certification Auditor, Risk & Compliance Mgmt Professional, Project Mgmt Professional.
17.	Nakul	<a href="mailto:Nakul.Dhamale@aqmtechnologies.com">Nakul.Dhamale@aqmtechnologies.com</a>	1	1 Year	B.E E&TC(2016), CDAC (PG-

	Dhamale	nologies.com	Year		DITISS), CEH v10
18.	Rohit Gondane	<a href="mailto:rohit.gondane@aqmtechnologies.com">rohit.gondane@aqmtechnologies.com</a>	< 1 year	1 Year	B.E (IT), CEH v10
19.	Govind Boddepalli	<a href="mailto:govind.boddepalli@aqmtechnologies.com">govind.boddepalli@aqmtechnologies.com</a>	< 1 year	4Years	CEH v10, CHFI, LPT
20.	Sridhar Pulivarthi	<a href="mailto:sridhar.pulivarthi@aqmtechnologies.com">sridhar.pulivarthi@aqmtechnologies.com</a> >	< 1 year	18 years	CISA, CISSP, CRISC, ZED Certified Consultant, CFE, PfMP, CCSE, PMP, ITIL Practitioner, ITIL Expert V3, PRINCE2® Foundation Certification Training, ISO 20000 Lead Auditor, ISO 27001 Lead Auditor, ISO 9001 Lead Auditor, CMMi Assessor (Internal), SSCA, SCNA, Rational Tools Expert (ClearCase Admin & ClearQuest Admin), Oracle Certified Professional (OCP)
21.	Gargi Vidyadhar Kulkarni	<a href="mailto:Gargi.Kulkarni@aqmtechnologies.com">Gargi.Kulkarni@aqmtechnologies.com</a>	1 Year	1 Year	CCNA, CEH v10
22.	Saurabh Jadhav	<a href="mailto:Saurabh.Jadhav@aqmtechnologies.com">Saurabh.Jadhav@aqmtechnologies.com</a>	1 Year	1 Year	BE, CDAC PG-DITISS, CEH v10
23.	Usha Nanduri	<a href="mailto:usha.nanduri@aqmtechnologies.com">usha.nanduri@aqmtechnologies.com</a> >	1 Year	7 Years	CISA –(Certification Pending)ISO 27001:2013 - Certified Internal Auditor, CSM - Certified Scrum Master -Agile, CSQA ,CSTE - Certified Software Quality Analyst, Test Engineer, Six Sigma Green Belt Certification, Project Management Professional (PMP)- PMI -PMP Trained, SOX and IT Audits - ISACA Trained
24.	Shankar Vela	<a href="mailto:shankar.vela@aqmtechnologies.com">shankar.vela@aqmtechnologies.com</a>	>1	3.5 years	B.Tech, CEH v10

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**Snapshot of skills and competence of CERT-In empanelled  
Information Security Auditing Organisation**

**M/s Centre for Development of Advanced Computing (C - DAC)**

1. Name & location of the empanelled Information Security Auditing Organization :

**Centre for Development of Advanced Computing (C - DAC),  
Plot No. 6 & 7, Hardware Park,  
Sy No. 1/1, Srisailem Highway,  
Pahadi Shareef Via Keshavagiri (Post), Hyderabad - 501510**

2. Carrying out Information Security Audits since : **2014**

3. Capability to audit , category wise (add more if required)

- Network security audit (Y/N) : **Yes**
- Web-application security audit (Y/N) : **Yes**
- Wireless security audit (Y/N) : **Yes**
- Compliance audits (ISO 27001, IEC 62443, IEC 27019, PCI, eSign, UIDAI, SOC1/SOC2/SOC3 etc.) (Y/N) : **Yes**
- Finance Sector Audits (Swift, ATMs, API, Payment Gateway, eSign, UIDAI Compliance etc.) (Y/N) : **Yes**
- ICS/OT Audits (IEC27001/27017/27018/27701/NCSC Cyber essentials) (Y/N) : **Yes**
- Cloud security Audits (IEC62443, NERCCH, NIST/NIS/CSCCAP) (Y/N) : **Yes**

4. Information Security Audits carried out in last 12 Months :

Govt. : **320**  
PSU : **20**  
Private : **38**  
Total Nos. of Information Security Audits done : **340**

5. Number of audits in last 12 months , category-wise (**Organization can add categories based on project handled by them**)

Network security audit : 11  
Web-application security audit : **346**  
Wireless security audit : 10  
Compliance audits (ISO 27001, IEC 62443, IEC 27019, PCI, etc.) : 22  
Finance Sector Audits (Swift, ATMs, API, Payment Gateway etc.) : 15  
ICS/OT Audits : 2  
Cloud security Audits : 2  
Webservices security Audit : 50  
Mobile Application security audit : 50  
Source Code Application security audit : 05

6. Technical manpower deployed for information security audits :

CISSPs : **02**  
BS7799 / ISO27001 LAs : **05**  
CISAs : **0**  
DISAs / ISAs/CERT/SANS Certified Professionals : **20**  
Any other information security qualification: **Refer table below**  
Total Nos. of Technical Personnel : 50  
(including R&D team)

7. Details of technical manpower deployed for information security audits in Government and Critical sector organizations (attach Annexure if required)

S. No.	Name of Employee	Duration with <organization>	Experience in Information Security	Qualifications related to Information security
1	Murthy.Ch.A.S	May, 1999	18+	<ul style="list-style-type: none"> <li>• ISMS LA</li> <li>• SANS - GAWN</li> <li>• SANS - GXPN</li> </ul>

				<ul style="list-style-type: none"> <li>CERT-CC Certified Incident Handling, Forensics Analysis and Network Security in CMU, USA</li> </ul>
2	Eswari PRL	Feb 2000	19+	<ul style="list-style-type: none"> <li>CERT-CC Certified Incident Handling, Forensics Analysis and Network Security in CMU, USA</li> <li>GREM</li> </ul>
3	Indraveni.K	July 2005	14+	<ul style="list-style-type: none"> <li>CISA Certified</li> <li>ISMS LA</li> <li>SANS GWAPT</li> <li>SANS Advanced Web Application Penetration Testing and ethical hacking</li> </ul>
4	Tatikayala Sai Gopal	Feb 2007	12	<ul style="list-style-type: none"> <li>GIAC Security Essentials (GSEC)</li> </ul>
5	Jyostna G	Mar 2006	13	<ul style="list-style-type: none"> <li>GMOB</li> </ul>
6	Mahesh Patil	Aug-04	15	<ul style="list-style-type: none"> <li>GREM, ECSA, CEH7</li> </ul>
7	Sandeep Romana	Sep-07	12	<ul style="list-style-type: none"> <li>CISSP</li> </ul>
8	Tyeb Naushad	Oct-2008	13	<ul style="list-style-type: none"> <li>CCNA, ITL, ECSA</li> </ul>
9	Nandeeshwar B	2008	11	<ul style="list-style-type: none"> <li>CEH , EC-Council</li> <li>ECSA</li> <li>ISMS LA</li> </ul>
10	Rakesh T	2006	13	<ul style="list-style-type: none"> <li>➤ CISS</li> <li>➤ (ISC2)</li> </ul> <p>ISMS-LA, Indian Institute of Quality Management, STQC</p>
11	Varun Jain	2008	10	ECSA, CISP (STQC)
12	Satish Babu	2012	7	CISP (STQC)
13	Amit Kr Singh	2012	7	-
14	Tarun Kumar	2012	7	CISP (STQC)
15	Rishabh Chauhan	2017	2	-
16	Shivam Mishra	2018	1	-
17	Ritesh Dwivedi	2018	1	-
18	Navdeep Singh Chahal	2010	9	ECSA, CISP
19	Harpreet Singh	2013	6+	-
20	Sukhmeet Singh	2016	5+	-
21	Chetan Soni	2012	8	-
22	Daveet Singh	2012	7+	CISP, RHCE
23	U V Sudharshan	2018	3+	-
24	Anupam Chanda	2009	10	ECSA, STQC-CISP, SANS FOR-408, SANS FOR-508
25	Kousik Maiti	2014	5	ECSA,RHCSA, Cellbrite CCO, Cellebrite CCPA, SANS FOR-

				585, MOBILedit Certified
26	Aniruddha Datta	2014	5	CCNA, Pursuing CHFI, Cellbrite CCO, Cellbrite CCPA, MOBILedit Certified
27	Sourav Mitra	2014	5	CHFI, Win 10 Forensics (Access Data), Mac Forensics (BlackBag), SANS LEG -523
28	Akshay Pandey	2021	1+	-
29	Pooja Jadhav	2018	4	-
30	Sheetal Mahajan	2019	3+	-
31	Ajith Menon	2021	4+	CEH, CHFI
32	Harmesh Rana	2021	1	-
33	Roshan Pathak	2021	1	-
34	Rachit Verma	2021	1	-

8. Specify Largest Project handled in terms of scope (in terms of volume, complexity, locations etc.) Along with project value.

Slno	Organization	Scope of Auditing	Volume
1	Kochi Metro Rail Corporation Network, Cochin	<ul style="list-style-type: none"> <li>Web applications VAPT</li> <li>VAPT of Network infrastructure</li> <li>Traffic Analysis</li> </ul>	<ul style="list-style-type: none"> <li>Web applications - 6</li> <li>Network infrastructure - 15</li> <li>Traffic Analysis - 1</li> </ul>
2	NERLDC, POSOCO  Shillong and Guwahati	<ul style="list-style-type: none"> <li>Web applications VAPT</li> <li>VAPT of Network infrastructure</li> </ul>	<ul style="list-style-type: none"> <li>Web applications - 10</li> <li>Network infrastructure - <ul style="list-style-type: none"> <li>Servers - 34</li> <li>Desktops/Laptops/Work Stations - 77</li> <li>Routers - 03</li> <li>Switches (L2, L3) - 02</li> <li>Firewalls - 09</li> <li>Wireless Access Points, ACLs, CCTV - 02</li> </ul> </li> <li>Penetration Testing - 10</li> </ul>
3	ONGC, Delhi	<ul style="list-style-type: none"> <li>Review of policy and procedure</li> <li>Vulnerability assessment and Penetration testing for both DC and DR</li> <li>Email system security assessment</li> <li>Paperless office system "DISHA" security assessment</li> <li>Active Directory security assessment</li> <li>Web Application security testing</li> <li>Configuration review for both DC and DR</li> <li>Review of network and security architecture for both DC and DR</li> <li>Review of Data center infrastructure for both DC and DR</li> <li>Risk matrix</li> </ul>	<ul style="list-style-type: none"> <li>Network devices - 204</li> <li>Web applications - 10</li> </ul>

4	State Bank of India	<ul style="list-style-type: none"> <li>Web applications</li> <li>Mobile applications</li> <li>Comprehensive Security Review</li> </ul>	<ul style="list-style-type: none"> <li>Web applications ~ 10</li> <li>Mobile applications ~ 6</li> <li>CSR Review ~ 40 applications</li> </ul>
5	Damodar Valley Corporation Ltd, Kolkatta	4 years projects <ul style="list-style-type: none"> <li>ISMS Consultancy</li> <li>VAPT of IT and OT Systems</li> </ul>	<ul style="list-style-type: none"> <li>Web applications ~ 50</li> <li>Network infra ~ 200</li> <li>OT systems ~ 150</li> </ul>
6	APEPDCL	3 years <ul style="list-style-type: none"> <li>ISMS Consultancy</li> <li>VAPT of IT Systems</li> </ul>	<ul style="list-style-type: none"> <li>Web applications ~ 30</li> <li>Network devices ~ 275</li> </ul>
7	NPCI	<ul style="list-style-type: none"> <li>Comprehensive Security review</li> </ul>	<ul style="list-style-type: none"> <li>Web applications ~ 15</li> <li>Network devices ~ 30</li> </ul>
8	IFTAS	<ul style="list-style-type: none"> <li>Comprehensive Security review</li> </ul>	<ul style="list-style-type: none"> <li>Policy gap assessment</li> <li>Risk assessment</li> <li>Threat analysis</li> </ul>
9	SRLDC, POSOCO, Bangalore	<ul style="list-style-type: none"> <li>Web applications</li> <li>Network Infra</li> <li>VAPT Intra and extranet</li> </ul>	<ul style="list-style-type: none"> <li>Web applications ~ 6</li> <li>Network components ~ 57</li> </ul>
10	Bank of Maharashtra	<ul style="list-style-type: none"> <li>Threat Assessment</li> </ul>	<ul style="list-style-type: none"> <li>Servers - 20</li> <li>SOC and SIEM Analysis</li> <li>Malware analysis</li> </ul>
11	Goa Shipyard Limited	<ul style="list-style-type: none"> <li>Web applications</li> <li>Network Infra</li> <li>VAPT Intra and extra net</li> </ul>	<ul style="list-style-type: none"> <li>Switches - 20</li> <li>Firewalls - 2</li> <li>Servers - 12</li> <li>Workstations - 50</li> </ul>
12	Centre for e-Governance	<ul style="list-style-type: none"> <li>VAPT of Web Applications</li> </ul>	<ul style="list-style-type: none"> <li>Web applications ~ 300</li> </ul>
13	New Mangalore Port Trust	<ul style="list-style-type: none"> <li>VAPT Network infrastructure</li> </ul>	<ul style="list-style-type: none"> <li>Switches - 40</li> <li>Firewall - 1</li> <li>Unmanaged switches - 5</li> <li>Desktop - 80</li> <li>Wireless access points - 12</li> <li>Servers - 22</li> <li>Workstations ~ 60</li> </ul>
14	Indian Oil	<ul style="list-style-type: none"> <li>Cyber security services for 1 year</li> </ul>	<ul style="list-style-type: none"> <li>Web applications</li> <li>Network architecture</li> </ul>
15	New Delhi Municipal Council (NDMC)	<ul style="list-style-type: none"> <li>Setting up Disaster Recovery (DR Site)</li> </ul>	<ul style="list-style-type: none"> <li>Servers – 23</li> <li>Other Devices – 3</li> </ul>
16	CISF Chennai	<ul style="list-style-type: none"> <li>VAPT of Network Infrastructure</li> </ul>	<ul style="list-style-type: none"> <li>Workstations – 39</li> <li>Routers – 03</li> </ul>
17	Novatrice Technologies	<ul style="list-style-type: none"> <li>VAPT of web applications and webservices</li> </ul>	<ul style="list-style-type: none"> <li>Web Applications ~10</li> <li>Webservices ~10</li> </ul>
18	DRDL Hyderabad	<ul style="list-style-type: none"> <li>Technical Consultancy services for the maintenance, performance and security of the Network Systems at DRDL</li> </ul>	<ul style="list-style-type: none"> <li>Consultancy Services for DRONA Project</li> <li>Consultancy Services for DNET Project</li> <li>Consultancy Services for BOSS Project</li> </ul>
19	Dept. of Registration and Stamp Revenue	<ul style="list-style-type: none"> <li>VAPT of Web and Mobile Application</li> </ul>	<ul style="list-style-type: none"> <li>Web Applications – 02</li> <li>Mobile Applications – 01 (including webservices)</li> </ul>
20	DRDO, New Delhi	<ul style="list-style-type: none"> <li>Training Programme</li> </ul>	<ul style="list-style-type: none"> <li>Provided Security Training of ISOs</li> </ul>

#### 9. List of Information Security Audit Tools used ( commercial/ freeware/proprietary):

## Commercial

Freeware		Commercial
1. Arachni	1. Httpprint	1. Burpsuite Professional
2. OWASP ZAP	2. Curl	2. Nessus
3. Nmap	3. Tcpdump	3. Core Impact
4. Nikto	4. Fimap	4. BeStorm
5. Netcat	5. SwfScan	5. BeSecure
6. W3af	6. Hydra	6. BeSource
7. Wapiti	7. John the Ripper	7. HCL AppScan
8. Sqlmap	8. Ssltest	8. Splunk
9. Zaproxy	9. Sslstrip	9. Nipper
10. Skipfish	10. Cain and Abel	10. Network Miner Pro
11. Backtrack , Kali	11. Brutus	11. Netsparker
12. Openssl	12. Airmon -ng	
13. Dirbuster	13. Hping	
14. Wireshark	14. Scapy	
15. Loki	15. wsfuzzer	

10. Outsourcing of Project to External Information Security Auditors / Experts: **Yes/No**  
( If yes, kindly provide oversight arrangement (MoU, contract etc.))

11. Whether organization has any Foreign Tie-Ups? If yes, give details: **Yes/No**

12. Whether organization is a subsidiary of any foreign based organization? : **Yes/ No**  
If yes, give details

13. Locations of Overseas Headquarters/Offices, if any : **Yes/ No**

\*Information as provided by **C-DAC, Hyderabad** on 20.05.2022

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**Snapshot of skills and competence of CERT-In empanelled  
Information Security Auditing Organisation**

**M/s Crossbow Labs LLP**

1. Name & location of the empanelled Information Security Auditing Organization :

**Crossbow Labs LLP, Bangalore**

2. Carrying out Information Security Audits since : **2014**

3. Capability to audit , category wise (add more if required)

- Network security audit (Yes)
- Web-application security audit (Yes)
- Wireless security audit (Yes)
- Compliance audits (ISO 27001, IEC 62443, IEC 27019, PCI, etc.) (Yes)
- Finance Sector Audits (Swift,ATMs, API, Payment Gateway etc.) (Yes)
- ICS/OT Audits (Yes)
- Cloud security Audits (Yes)

4. Information Security Audits carried out in last 12 Months :

Govt. : Less than 10

PSU : Less than 10

Private : 100+

Total Nos. of Information Security Audits done : **100+**

5. Number of audits in last 12 months , category-wise (**Organization can add categories based on project handled by them**)

Network security audit:100+

Web-application security audit: 100+

Wireless security audit:Less than 10

Compliance audits (ISO 27001, IEC 62443, IEC 27019, PCI, etc.): 100+

Finance Sector Audits (Swift,ATMs, API, Payment Gateway etc.): 100+

ICS/OT Audits: Less than 10

Cloud security Audits: Less than 10

6. Technical manpower deployed for informationsecurity audits :

CISSPs : 4

BS7799 / ISO27001 LAs : **13**

CISAs : 2

DISAs / ISAs :

Any other information security qualification: CEH, OSCP, eJPT, PCI QSA, PCI SSF Assessor, CHFI, CISM, CCENT, CPTE, NSEC, CyberArk Certified Trustee, CNSS

Total Nos. of Technical Personnel : **25**

7. Details of technical manpower deployed for information security audits in Government and Critical sector organizations (attach Annexure if required)

S. No.	Name of Employee	Duration with Crossbowlabs LLP	Experience in Information Security	Qualifications related to Information security
1	Rosan Thomas	6.5 years	10+ years	CISA, PCI QSA, ISO 27001 LA, CISSP
2	Deepak Umapathy	6 years 5 months	11+ years	ISO 27001 LA, PCI QSA
3	Suryaji Vinayak Bhosale	6.8 years	10+ years	CISA, CISSP, PCI QSA, ISO 27001 LA
4	Anantharam VK	9 months	20 + years	ISO 27001 LA
5	Kirubakaran Parkunan	3.7 years	8 years	PCI QSA, ISO 27001 LA, PCI SSF Assessor
6	Sabeena Job	5.9 years	7 + years	PCI QSA, ISO 27001



				LA, CISM
7	Khaviyaa Janakiraman	4.4 years	4.4 years	CISSP, PCI QSA
8	Mohammed Adam	2.2 years	3.9 years	ISO 27001 LA, CHFI
9	Vinayak Agrahari	2.2 years	7 years	CEH, OSCP
10	Rajeshwari Salmani	8 months	2.6 years	CEH
11	Saee Bhosale	1.1 years	1.1 years	CISSP
12	Amit Roy	10 months	10 months	OSCP, CCENT
13	Akhilraj R	10 months	7 years	OSCP, CEH
14	Ashish Patil	1.2 years	1.6years	CPTE, OSCP
15	G Prashanth	1.9 years	1.9 years	CEH, eJPT
16	Ankush Chavan	1.6 years	1.6years	ISO 27001 LA
17	Abubacker Siddique	11 months	3 years	CEH, CyberArk Certified Trustee
18	Aditya Sharma	11 months	11 months	NSEC, CNSS
19	Mohammed Irfan	2.2 years	4.9 years	
20	Jessy Sheen	1.9 years	1.9 years	
21	Ajith Kumar	2.7 years	8 + years	ISO 27001 LA
22	Goutham Karthik Palani	4.6 years	4.6 years	ISO 27001 LA
23	Pratik Mehta	4.4 years	7+ years	ISO 27001 LA
24	Bala Murali	1.3 years	1.3 years	ISO 27001 LA
25	Nivedita Sharma	2.6 years	2.6 years	ISO 27001 LA

8. Specify Largest Project handled in terms of scope (in terms of volume, complexity, locations etc.) along with project value.

RBI CISA Audits for - Payment Aggregators&Payment Gateways, Prepaid Payment Instruments, Payment Data Localization  
Web Application Security Audit for 17 Applications of an Insurance Organization  
Compliance projects for international conglomerates in terms of consulting support, testing, audit and reporting

9. List of Information Security Audit Tools used( commercial/ freeware/proprietary):

Commercial – BurpSuite, Nessus, Metasploit, Exploitpack  
Freeware – Kali, Parrot OS  
Proprietary – Data Discovery Tool, Compliance Management Tool

10. Outsourcing of Project to External Information Security Auditors / Experts : No  
( If yes, kindly provide oversight arrangement (MoU, contract etc.))

11. Whether organization has any Foreign Tie-Ups? If yes, give details : No

12. Whether organization is a subsidiary of any foreign based organization? : No  
If yes, give details

13. Locations of Overseas Headquarters/Offices, if any : 2(UAE, US)

\*Information as provided by Crossbow Labs on July 01, 2021

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**Snapshot of skills and competence of CERT-In empanelled  
Information Security Auditing Organisation**

**M/s CyberQ Consulting Pvt Ltd.**

1. Name & location of the empanelled Information Security Auditing Organization:

**CyberQ Consulting Pvt Ltd.**

**J-1917, Chittaranjan Park, New Delhi 110019**

**Email :** debopriyo.kar[at]cyberqindia.com  
shikha.yadav[at]cyberqindia.com  
ankita.chatterjee[at]cyberqindia.com

**Correspondence Address:**

**A 14-15, 3rd Floor, Sector 59, Noida, Uttar Pradesh-201301**

2. Carrying out Information Security Audits since : **1997**

3. Capability to audit , category wise (add more if required)

• Network security audit	:	Yes
• Web-application security audit	:	Yes
• Wireless security audit	:	Yes
• Compliance audits	:	Yes

4. Information Security Audits carried out in last 12 Months :

Govt.	:	30
PSU	:	16
Private	:	35
Total Nos. of Information Security Audits done	:	158
(we have completed multiple project for 1 clients)		

5. Number of audits in last 12 months , category-wise **(Organization can add categories based on project handled by them)**

Network security audit	:	32
Web-application security audit	:	118
Wireless security audit	:	1
Compliance audits (ISO 27001, PCI, etc.)	:	3
Technical manpower deployed for information security audits	:	3

6. Technical manpower deployed for information security audits:

CISSPs	:	<b>1</b>
BS7799 / ISO27001 LAs	:	<b>2</b>
CISAs	:	<b>1</b>
DISAs / ISAs	:	<b>0</b>
Any other information security qualification	:	<b>CEH, 10</b>
Total Nos. of Technical Personnel	:	<b>21</b>

7. Details of technical manpower deployed for information security audits in Government and Critical sector organizations (attach Annexure if required)

S. No.	Name of Employee	Duration with CyberQ	Experience in Information Security	Qualifications related to Information security
1	Mr. Pramod Kumar Pant	01-11-2012	21	CEH, CISA, ISO 27001 LI
2	Mr. Debopriyo Kar	01-03-2002	45	CISSP, ISO 27001 LA
3	Mr. Mathew Varghese	01-05-2014	14	CISA and ISO 27001 LA
4	Arup Roy	22-02-2014	38	ISO 20000-1
5	Consultant 1 – Application Security Expert / PHP Source Code	10-05-2014	8	CEH

	expert			
5	Consultant 2 – Network Security Expert/Aadhar compliance audit expert/SCADA	15-09-2013	8	CEH
6	Consultant 3	31-07-2019	2	CEH
7	Consultant 4	22-05-2019	2	CEH
8	Consultant 5	25 April 2019	5	ISO 27001 LA1
9	Consultant 6	22-05-19	3	CEH
10	Consultant 7	07-05-13	7	-
11	Consultant 8	03-08-20	4	CEH
12	Consultant 9	08-10-20	2	CEH

Note : The names of consultants can provided upon request to prevent individual identity and poaching.

8. Specify Largest Project handled in terms of scope (in terms of volume, complexity, locations etc.) along with project value.

Large Project(In terms of volume): OIL India, Shree Electricals Agra Smart City, ONGC Videsh, Syndicate Bank

Large Project(In terms of Complexity): Shree Electricals Agra Smart City

Large Project(In terms of Locations): Oil India and NTPC

9. List of Information Security Audit Tools used(commercial/ freeware/proprietary):

Is provided on page no. 3 onwards

10. Outsourcing of Project to External Information Security Auditors / Experts : No

( If yes, kindly provide oversight arrangement (MoU, contract etc.))

11. Whether organization has any Foreign Tie-Ups? If yes, give details : No

12. Whether organization is a subsidiary of any foreign based organization? : No  
If yes, give details

13. Locations of Overseas Headquarters/Offices, if any : No

**Tools used for Audit:**

S/N	Name of the tools to be used	Type (open/proprietary/third party	Description	Any risk/matter of concern if any, while using the tool	Remarks, if any
1	Nessus Vulnerability Scanner	<b>Proprietary</b>	<p>Nessus is a proprietary vulnerability scanner developed by Tenable. Nessus can scan for include:</p> <ul style="list-style-type: none"> <li>• Vulnerabilities that could allow unauthorized control or access to sensitive data on a system.</li> <li>• Misconfiguration (e.g. open mail relay, missing patches, etc.).</li> <li>• Default passwords, a few common passwords, and blank/absent passwords on some system accounts. Nessus can also call Hydra (an external tool) to launch a dictionary attack.</li> </ul>	No Major risk involved	Tools will be handled by CyberQ auditor

			<ul style="list-style-type: none"> <li>• Denials of service vulnerabilities</li> </ul>		
2.	Burp Suite	<b>Proprietary</b>	<p>Burp Suite is a graphical tool for testing Web application security. The tool is written in Java and developed by PortSwigger Web Security. Burp Suite is combination of</p> <ul style="list-style-type: none"> <li>• HTTP Proxy - It operates as a web proxy server, and sits as a man-in-the-middle between the browser and destination web servers. This allows the interception, inspection and modification of the raw traffic passing in both directions.[6][7]</li> <li>• Scanner - A web application security scanner, used for performing automated vulnerability scans of web applications.</li> <li>• Intruder - This tool can perform automated attacks on web applications. The tool offers a configurable algorithm that can generate malicious HTTP requests.[7] The intruder tool can test and detect SQL injections, cross-site scripting, parameter manipulation and vulnerabilities susceptible to brute-force attacks.[8]</li> <li>• Spider - A tool for automatically crawling web applications. It can be used in conjunction with manual mapping techniques to speed up the process of mapping an application's content and functionality.</li> <li>• Repeater - A simple tool that can be used to manually test an application. It can be used to modify requests to the server, resend them, and observe the results.</li> <li>• Burp Decoder - Free Edition</li> <li>• Decoder - A tool for transforming encoded data into its canonical form, or for transforming raw data into various encoded and hashed forms. It is capable of intelligently recognizing several encoding formats using heuristic techniques.</li> <li>• Comparer - A tool for performing a comparison (a visual "diff") between any two items of data.</li> <li>• Extender - Allows the security tester to load Burp extensions, to extend Burp's functionality using the security testers own or third-party code (BAppStore)</li> </ul> <p>Sequencer - A tool for analyzing</p>	No Major risk involved	Tools will be handled by CyberQ auditor

			the quality of randomness in a sample of data items. It can be used to test an application's session tokens or other important data items that are intended to be unpredictable, such as anti-CSRF tokens, password reset tokens, etc.		
3.	Metasploit	open-source	<p>The Metasploit Project is a computer security project that provides information about security vulnerabilities and aids in penetration testing and IDS signature development. It is owned by Boston, Massachusetts-based security company Rapid7.</p> <ul style="list-style-type: none"> <li>• Its best-known sub-project is the open-source Metasploit Framework, a tool for developing and executing exploit code against a remote target machine. Other important sub-projects include the Opcode Database, shellcode archive and related research.</li> </ul>	No Major risk involved	Tools will be handled by CyberQ auditor
4.	Kali _Linux	<b>Open Source</b>	Kali Linux is a Debian-derived Linux distribution designed for digital forensics and penetration testing. It is maintained and funded by Offensive Security. In addition to Kali Linux, Offensive Security also maintains the Exploit Database. This is a platform where we execute many tool for Pen Testing.	No Major risk involved	Tools will be handled by CyberQ auditor
5	nmap	<b>Open Source</b>	Nmap is a free and open-source network scanner created by Gordon Lyon. Nmap is used to discover hosts and services on a computer network by sending packets and analyzing the responses. Nmap provides a number of features for probing computer networks, including host discovery and service and operating system detection.	No Major risk involved	Tools will be handled by CyberQ auditor
6	Wireshark	open-source	Wireshark is a free and open-source packet analyzer. It is used for network troubleshooting, analysis, software and communications protocol development, and education. Originally named Ethereal, the project was renamed Wireshark in May 2006 due to trademark issues.	No Major risk involved	Tools will be handled by CyberQ auditor
7	Windows	Windows inbuilt	nbtscan :This is a command-line tool that scans for open NETBIOS	No Major	Tools will be

	inbuilt  NET commands like nbtstat,  nbtscan	NET commands	nameservers on a local or remote TCP/IP network, and this is a first step in finding of open shares. It is based on the functionality of the standard Windows tool nbtstat, but it operates on a range of addresses instead of just one. I wrote this tool because the existing tools either didn't do what I wanted or ran only on the Windows platforms: mine runs on just about everything.  Nbtstat: nbtstat allows a refresh of the NetBIOS name cache and the names registered with Windows Internet Name Service (WINS). Used without parameters, nbtstat displays help.	risk involved	handled by CyberQ auditor
8	sqlmap	open-source	sqlmap is an open source software that is used to detect and exploit database vulnerabilities and provides options for injecting malicious codes into them. It is a penetration testing tool that automates the process of detecting and exploiting SQL injection flaws providing its user interface in the terminal.	No Major risk involved	Tools will be handled by CyberQ auditor
9	Nikto	open-source	Nikto is a free software command-line vulnerability scanner that scans webservers for dangerous files/CGIs, outdated server software and other problems. It performs generic and server type specific checks. It also captures and prints any cookies received.	No Major risk involved	Tools will be handled by CyberQ auditor
10	OWASP ZAP	open-source	OWASP ZAP is an open-source web application security scanner. It is intended to be used by both those new to application security as well as professional penetration testers. It is one of the most active Open Web Application Security Project projects and has been given Flagship status.	No Major risk involved	Tools will be handled by CyberQ auditor
	CyberQ Proprietary  Checklist based on CIS and NIST guidelines	Proprietary	This is CyberQ Proprietary Checklist which is based on CIS and NIST guideline. In this checklist We check system security hardening.	No Major risk involved	Tools will be handled by CyberQ auditor

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\*Information as provided by **CyberQ Consulting Pvt Ltd.** on **26<sup>th</sup> October 2020**

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**Snapshot of skills and competence of CERT-In empanelled  
Information Security Auditing Organisation**

**M/s Deloitte Touche Tohmatsu India LLP**

1. Name & location of the empanelled Information Security Auditing Organization :

**Deloitte Touche Tohmatsu India Limited Liability Partnership**

2. Carrying out Information Security Audits since : **Prior to Year 2000**

3. Capability to audit , category wise (add more if required)

- Network security audit: Yes
- Web-application security audit: Yes
- Wireless security audit: Yes
- Compliance audits (ISO 27001, IEC 62443, IEC 27019, PCI, etc.): Yes
- Finance Sector Audits (Swift, ATMs, API, Payment Gateway etc.) Yes
- ICS/OT Audits (Y/N) - Yes
- Cloud security Audits (Y/N) – Yes

4. Information Security Audits carried out in last 12 Months:

Govt.: **10+**  
PSU: **5+**  
Private: **200+**  
Total Nos. of Information Security Audits done: **200+**

5. Number of audits in last 12 months, category-wise (**Organization can add categories based on project handled by them**)

Network security audit: **3**  
Web-application security audit: **5**  
Wireless security audit: **1**  
Compliance audits (ISO 27001, IEC 62443, IEC 27019, PCI, etc.): **5**  
Finance Sector Audits (Swift, ATMs, API, Payment Gateway etc.): **0**  
ICS/OT Audits: **0**  
Cloud security Audits: **0**

6. Technical manpower deployed for information security audits :

CISSPs: **25+**  
BS7799 / ISO27001 LAs: **150+**  
CISAs: **30+**  
DISAs / ISAs: **5**  
Any other information security qualification: **CISM: 10+, OSCP: 10+**  
Total Nos. of Technical Personnel : more than 150

7. Details of technical manpower deployed for information security audits in Government and Critical sector organizations (attach Annexure if required)

Sr. No.	Name of Employee	Duration with <organization>	Experience in Information Security	Qualification related to Information security
1	Achal Gangwani	9+ Years	16+ Years	ArcSight ESM Security Analyst – AESA, CEH, ISO 27001:2005 ISMS Lead Auditor, ITIL Foundation Level Certified, CCNA, IBM Certified System Administrator, IBM Certified Associate Developer
2	Shubham Gupta	3+ Years	2+ Years	OSCP, CREST CRT
3	Umesh Huddar	3+ Years	4+ Years	OSCP, ECSCA



4	Eby Mohan	1+ Years	5+ Years	CEH
5	Sai Kiran Battaluri	2+ Years	3+ Years	CEH, (ISC)2 System Security Certified Practitioner
6	Lakshmi Allamsetty	3 Years	20+ Years	CISA, CEH, BCMS
7	Pramod Kumar Potharaju	3+ Years	13+ Years	CISSP, CEH, ITIL, ISO 27001 LA
8	Zeel D Chavda	3+ Years	3+ Years	CEH
9	Maheshkumar Palaniyappan	3+ Years	6+ Years	ECSCA, ISO27001
10	Kapil Bhardwaj	4+ Years	10+ Years	CEH, ISO 27001, ITIL, Prozm Asset Management Pro, JNCIA
11	G Shanmugaraj	1+ Year	3+ Years	CEH
12	Rishi Singh	2 Month	3+ Years	CEH
13	Immanuel	6 Month	1+ Years	CEH, ECSCA
14	Gurdeep Singh	2+ Years	11+ Years	CISA, ISO 27001, ITIL v4
15	Harshita Lal	3+ Years	5+ Years	ISO L1 27001, ISO BS 10012, ISA-IEC 62443-32, 62443-33
16	Minaj Khan	5+ Years	15+ Years	ITIL, ISO 27001, PMP
17	Diksha Garg	2+ Years	3+ Years	ISO 27001
18	Divya Sharma	4+ Years	10+ Years	ISO 27001, CEH, CISA
19	Pragati Priya	5+ Years	3+ Years	ISO 27001
20	Pritam Pattnaik	5+ Years	14+ Years	ISO 27001, CCNA, PRINCE 2
21	Shivam Bhardwaj	3+ Years	10+ Years	CEH, ISO 27001
22	Deeprag Rana	3+ Years	16+ Years	Prince 2, AWS, CDCP, ISO 27001
23	Vedant Singh	3+ Years	3+ Years	ISO 27001, ISO 9001, BS 10012
24	Rajesh Kumar	4+ Years	15+ Years	CISA, ISO 27001
25	Chirag Barot	4+ Years	12+ Years	ITIL
26	Uddin Mohammed	5+ Years	11+ Years	CISA, ISO 27001, ISO 20000, CCNA Security
27	Akhil Khanna	3+ Years	12+ Years	CEH, ISO 27001, Qualys Vulnerability Management

8. Specify Largest Project handled in terms of scope (in terms of volume, complexity, locations etc.) along with project value.

1. State Data Center Third Party Audit: State Government (Critical), Tamil Nadu, more than 5 CR

9. List of Information Security Audit Tools used (commercial/ freeware/proprietary): Burp Suite, Nessus, Web Inspect, HP Fortify, Nikto, Postman

10. Outsourcing of Project to External Information Security Auditors / Experts: No ( If yes, kindly provide oversight arrangement (MoU, contract etc.))

11. Whether organization has any Foreign Tie-Ups? If yes, give details: Not Applicable

12. Whether organization is a subsidiary of any foreign based organization? No  
If yes, give details

13. Locations of Overseas Headquarters/Offices, if any: M/s Deloitte Touche Tohmatsu India Limited Liability Partnership, Indiabulls Finance Centre, Tower 3, 27th – 32nd Floor, Senapati Bapat Marg, Elphinstone Road (West), Mumbai-400013, Maharashtra, India

\*Information as provided by DTTILLP on July 01, 2021

**Snapshot of skills and competence of CERT-In empanelled  
Information Security Auditing Organisation**

**M/s Grant Thornton Bharat LLP**

1. Name & location of the empanelled Information Security Auditing Organization:

**Grant Thornton Bharat LLP,  
L 41, Connaught Circus,  
Outer Circle, New Delhi. PIN - 110 001**

2. Carrying out Information Security Audits since : **2008**

3. Capability to audit, category wise (add more if required)

• Network security audit	:	<b>Yes</b>
• Web application security audit	:	<b>Yes</b>
• Wireless security audit	:	<b>Yes</b>
• Compliance audits (ISO 27001, PCI and guidelines from regulators etc.)	:	<b>Yes</b>
• IOT security testing	:	<b>Yes</b>
• Mobile application security	:	<b>Yes</b>
• Secure Configuration reviews	:	<b>Yes</b>
• Source code reviews	:	<b>Yes</b>
• API security assessments	:	<b>Yes</b>
• Cloud security	:	<b>Yes</b>
• Red Teaming	:	<b>Yes</b>
• Secure Network Architecture Review	:	<b>Yes</b>
• Cyber Incident Investigation	:	<b>Yes</b>
• Phishing Campaign	:	<b>Yes</b>

4. Information Security Audits carried out in last 12 Months :

Govt.	:	<b>0</b>
PSU	:	<b>2</b>
Private	:	<b>156</b>
Total Nos. of Information Security Audits done	:	<b>158</b>

5. Number of audits in last 12 months , category-wise (**Organization can add categories based on project handled by them**)

Network security audit	:	<b>25+</b>
Web-application security audit	:	<b>30+</b>
Wireless security audit	:	<b>4</b>
Compliance audits (ISO 27001, PCI etc.)	:	<b>135+</b>
Finance Sector Audits (Swift,ATMs, API, Payment Gateway etc.)	:	<b>4+</b>
ICS/OT Audits	:	<b>2</b>
Cloud security Audits:	:	<b>10+</b>

6. Technical manpower deployed for information security audits :

CISSPs	:	<b>0</b>	
BS7799 / ISO27001 LAs	/ LI	:	<b>25</b>
CISAs	:	<b>7</b>	
DISAs / ISAs	:	<b>0</b>	
Any other information security qualification	:	<b>4</b>	<b>OSCP</b>
	<b>15</b>	<b>CEH</b>	
		<b>2</b>	<b>ECSA</b>
		<b>4</b>	<b>ISO 22301</b>
		<b>1</b>	<b>CISM</b>
		<b>6</b>	<b>CCNA</b>
		<b>4</b>	<b>SAP</b>
		<b>2</b>	<b>DSCI</b>
		<b>1</b>	<b>CPISI</b>
		<b>7</b>	<b>ITIL</b>
		<b>1</b>	<b>GDPR FAS</b>
		<b>2</b>	<b>RHCS</b>

7. Details of technical manpower deployed for information security audits in Government and Critical sector organizations (attach Annexure if required) : **Please refer to Annexure 1**

8. Specify Largest Project handled in terms of scope (in terms of volume, complexity, locations etc.) along with project value.

<b>Leading IT / ITES Service Provider</b>	<p>GT have examined client's Facility Level Controls and Client services controls related system as of date and throughout the period and the suitability of the design and operating effectiveness of client's controls to achieve the related control objectives. Control areas covered are-</p> <ul style="list-style-type: none"> <li>Physical Security - Entity;</li> <li>Physical Security - Restricted Area;</li> <li>Human Resource;</li> <li>Master Service Agreement Monitoring;</li> <li>Data Security and Confidentiality;</li> <li>Environmental Controls, Capacity &amp; Continuity;</li> <li>Logical Access;</li> <li>Anti-virus;</li> <li>Global Telecom Operations;</li> <li>Back-up;</li> <li>Security Incident Management; and</li> <li>Other client specific control areas</li> </ul>	<p><b>Countries: 16</b></p> <p><b>Facilities covered:57</b></p>
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9. List of Information Security Audit Tools used ( commercial/ freeware/proprietary):

Commercial Tools:

- Nessus
- Burpsuite
- Snappytick

Freeware Tools:

- Metasploit
- Wireshark
- NMAP
- SQLMap
- Nikto
- MobiSF
- Hydra
- Cain and Abel
- John The Ripper

The list of tools mentioned above are indicative

10. Outsourcing of Project to External Information Security Auditors / Experts : **No** ( If yes, kindly provide oversight arrangement (MoU, contract etc.))

11. Whether organization has any Foreign Tie-Ups? If yes, give details : **Yes**

Yes, Grant Thornton Bharat is part of the GT Member Firm network which is spread across the globe in 140 countries.

12. Whether organization is a subsidiary of any foreign based organization? : **No** If yes, give details

Grant Thornton in India is a member firm within Grant Thornton International (GTIL), global organization with member firms in over 140 countries. Grant Thornton Bharat LLP (formerly Grant Thornton India) is registered with limited liability with identity number AAA-7677 and has its registered office at L-41 Connaught Circus, New Delhi, 110001. References to Grant Thornton are to Grant Thornton International Ltd (Grant Thornton International) or its member firms. Grant Thornton International and the member firms are not a worldwide partnership. Services are delivered independently by the member firms. Member firms carry the Grant Thornton name, either exclusively or as part of their national practice names and provide assurance, tax and advisory services to their clients. All member firms share both a common global strategy and a common global culture focusing on improvement in quality of service delivery, procedures to monitor quality, and the risk management methodology.

13. Locations of Overseas Headquarters/Offices, if any : **No**

\*Information as provided by **Grant Thornton Bharat LLP** on **2<sup>nd</sup> July 2021**

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**Annexure 1:**

S. No.	Name of Employee	Duration with GTBLLP	Experience in Information Security	Qualifications related to Information security
1	Akshay Garkel	3+ years	19+ years	Master's in information technology
2	Rohit Bharath Das	3+ years	13+ years	CISA, ISO 27001, COBIT 5
3	Jignesh Shah	3+ years	18+ Years	CEH, CISA qualified, ISO 27001
4	Sindhu Shaji Vethody	2 years	13+ years	CISA
5	Pradeep Dhanaji Mahangare	2 years	13+ years	ISO 27001 LA, CEH, CCNA
6	Abhijeet Jayaraj	3 years	8 years	CEH, OSCP
7	Sagar Prakash Gajara	2.5+ years	6+ years	CEH, Post Graduate Diploma in Digital & Cyber Forensics and related laws, CCI (ASCL)
8	Mrinmayee Anerao	3 years	7+ years	CEH
9	Ankita Sinha	8years	3 years	CISA,ISO 27001 LA ISO 22301 BCMS LI
10	Mainul Hasan	7 months	2 years	CEH, OSCP, ISO 27001 LA
11	Amit Bedwa	4 years	2.5+ years	ISO 27001, ISO 22301
12	Gurpreet Singh	1.5+ years	7+ years	CEH, ECSA
13	Aditya Joshi	3.5 Years	1+years	CISA
14	Gurpreet Singh Raina	1.5 years	1.5 years	ISO27001 LA
15	Juhee Sharma	1+ year	1+ year	ISO 27001:2013 LA, ITIL Version 4 , Fortinet NSE Level 1 and Level 2 certified
16	Mohit Gera	11 months	10.5 years	ISO 27001:2013 LA, ISO27001:2013 LI, CCNA, CCNA-Security, CCSA, Qualys Guard Certified Specialist, Accredited Certified Engineer (ACE) – Palo Alto
17	Steadin Fernandes	5 years & 6 Months	6 years	ISO 27001:2013
18	Siddhesh Shirkar	1yr 11months	4yr 11months	ISO 27001:2013 Lead Auditor, DSCI Certified Privacy Lead Assessor (DCPLA), Certified Payment Card Industry Security Implementer (CPISI v3.2)
19	Shivani Koul	2 years	2 years	ISO 27001:2013 LI
20	Shruthi Nair	2 years	2 years	ISO 27001:2013 LI
21	Harsh Awasthi	1 Year	1 Month	ISO 27001:2013 LI
22	Armaan Kishan	1 year	1 year	ISO 27001:2013 LA
24	Lalit Sharma	8+ years	9 Years	PGD- IT (Symbiosis University), DSCP (DSCI), ITIL (Foundation), CISA (Q), CISM (Q)
25	Shivani Kamal	2.3 Years	2.3 Years	CEH v10 (Oct 2019-2022), AWS technical Professional (Lifetime)
26	Nitish Mishra	2.8 years	8 years	ISO27001:2005 LI : OneTrust Data Mapping Expert, OneTrust Privacy Management Professional;OneTrust Vendor Risk Management Expert
27	Ankitha Chinnapolu	5.11 years	8.8 years	ITIL, RHCSA, RHCE, CCNA

**Snapshot of skills and competence of CERT-In empanelled  
Information Security Auditing Organisation**

**M/s KPMG Assurance and Consulting Services LLP**

1. Name & location of the empanelled Information Security Auditing Organization :

**KPMG Assurance and Consulting Services LLP  
DLF Building No. 10, 8<sup>th</sup> Floor, Tower C, DLF Cyber City, Phase 2,  
Gurgaon, Haryana, 122002**

2. Carrying out Information Security Audits since : **1996**

3. Capability to audit , category wise (add more if required)

- Network security audit : Yes
- Web-application security audit : Yes
- Wireless security audit : Yes
- Compliance audits (ISO 27001, PCI, etc.) : Yes

4. Information Security Audits carried out in last 12 Months :

Govt. : **15-20**  
PSU : **15-20**  
Private : **50-60**  
Total Nos. of Information Security Audits done : **100**

5. Number of audits in last 12 months , category-wise (**Organization can add categories based on project handled by them**)

Network security audit : **60+**  
Web-application security audit : **70+**  
Wireless security audit : **25+**  
Compliance audits (ISO 27001, PCI, etc.) : **35+**

6. Technical manpower deployed for information security audits :

CISSPs : **10+**  
BS7799 / ISO27001 LAs : **30+**  
CISAs : **55**  
CEH/OSCP : **131**  
CCSK/OSCP : **10**  
CCNA / CCNP/CCIE : **15**  
CHFI / ECIH : **10**  
Cloud Security Certification : **110+**  
Total Nos. of Technical Personnel : **600+**

7. Details of technical manpower deployed for information security audits in Government and Critical sector organizations (attach Annexure if required)

S. No.	Name of Employee	Duration with <b>&lt;organization&gt;</b>	Experience in Information Security	Qualifications related to Information security
1	Sony Anthony	19yrs	25yrs	ISO 27001, ISO 22301, ISO 20000
2	Manish Tembhurkar	7yrs	18yrs	CEH, CCNA, CISA, ISO 22301
3	Urmimala Dasgupta	10yrs	14yrs	CEH, ISMS-27001:2013, ITIL, QualysGuard
4	Anupama Atluri	10yrs	14yrs	CEH, CCSK, ISO Lead Implementer, IBM Certified Pen tester
5	Aditya Tawde	6yrs	13yrs	ISO 27001, DSCI -LA
6	Areeb Naqi	4yrs	7yrs	OSCP, CEH, ISO 27001 LA,

				ECIH
7	Sohil Thanki	7yrs	10yrs	CISA, ISO 27001 LA, ISO 23001
8	Rishabh Dangwal	5yrs	8yrs	OSCP, CEH
9	Abhishek Dashora	5yrs	7yrs	CEH, CCSK
10	Harsha Bhatt	6yrs	7Yrs	OSCP, CCSK, Blockchain
11	Anish Mitra	6Yrs	10Yrs	OSCP, CEH, ECSA, CCSK, ITIL, Qualys Certified Pen tester
12	Roopesh Yadav	11yrs	12yrs	DCPLA, ISO 27001, ISO 22301, ISO 20000, ArcSight ESM Analyst,

8. Specify Largest Project handled in terms of scope (in terms of volume, complexity, locations etc.) along with project value.

**Cyber Security Governance and Assurance program for largest identity management program in India:**

- KPMG is currently working with India's largest identity management program, to implement cyber security Governance, Risk and Compliance and Performance framework. KPMG is conducting periodic security risk assessment, business application reviews and vulnerability identifications across client's technology ecosystem.
- KPMG is supporting client in implementation of ISMS framework against ISO 27001 standards and periodic cyber security maturity reviews threat assessments and BCP/ DR reviews.
- KPMG provides support in cyber incident investigation and forensic analysis. As a part of engagement, KPMG is involved in proactive identification of the possible cyber fraud scenarios and highlight the same to the client so that appropriate safeguards and controls can be established to prevent the incidents.
- KPMG is also engaged with the client for service level monitoring of the contracts for various ecosystem partners to provide performance assurance services and assisting the organizations' performance as per the desired levels.
- KPMG has been providing support in design of Privacy framework design and certification against standards. The key activity includes of designing a privacy framework to ensure the sensitive and critical data is well protected and is being complied to across the ecosystem and provides continuous oversight support for managing Information Security, Privacy risks in accordance with its business requirements, laws and regulations.

**Cyber Forensics Incident Investigation for Large BFSI Client:**

- KPMG performed the cyber forensics incident investigation for a large BFSI India where in KPMG performed forensics imaging of various servers and endpoints which were suspected to be a part of data breach. As a part of engagement, KPMG conducted the in-dept analysis of forensics images to identify the root cause and incident timelines of the data breach.
- KPMG was engaged with the client to review the logs for various security solutions to understand the tactics, techniques and procedures used by attacker to compromise the systems. As a part of the assessment, detail cyber security investigation report was submitted which also outlines the root cause of incident, security roadmap and recommendations to mitigate identified gaps to enable Client to further strengthen the security posture of an organization.
- Value of the engagement is more than INR 1Cr

**Cyber Security Audit Program at a Large Energy client:**

- PCI Retail Compliance Audit - KPMG is currently evaluating retail outlets of a large energy sector to meet Cyber Security Domain related controls under PCI Compliance. KPMG would need to assess around 1000 Retail outlets of the client and ensure they are compliant to regulatory requirements provided by PCI-DSS.
- Cyber Security Data Analytics - KPMG is currently engaging with the client to provide accurate data based on the number of Vulnerabilities that the client is exposed to using Splunk which provides a Platform for the Business stakeholders to make effective decisions in securing their IT Eco system.
- KPMG is engaging with the client to assess their external facing assets by designing and implementing a Bug Bounty Program for the client to keep their Infrastructure secure. KPMG also help client to evaluate, manage and implement security policy and procedure for these security bug bounty program.
- Value of the engagement is more than INR 1Cr

**Security testing across multiple telecom clients in India:**

- KPMG has been providing security assessment service to improve the security posture across 4G networks for a telecom operator in India. KPMG performed circle wide node security assessments. We also assisted clients in security testing of web based and client based

Mobile Apps, including SIM card testing and Telecom solutions like Femtocell and Pico cells. KPMG helped client to prepare and implement minimum baseline security standards for various network elements and devices.

- Value of the engagement is more than INR 83.5Lacs

#### **Payments System Security Testing**

- KPMG performed payment systems security testing for a large banking client in the MESA region. As a part of the engagement KPMG reviewed the bank's SWIFT and connected payment systems from a SWIFT CSP perspective and from a leading industry standards perspective. KPMG was required to gain an in-depth understanding of the bank's payment landscape and interconnections of the bank's SWIFT system to various other systems

#### **Security Audit for Nationalized Bank:**

- KPMG has been engaged with a leading bank to conduct quarterly security audit of its applications, vulnerability assessment, external penetration test, IT DR review and review of policy and process. KPMG conducts periodic security assessment for the bank's IT systems and infrastructure covering data centre, DR site, IT Head office, call centres, sample ATM machines and other sample office network spread across the country.
- The value of engagement is more than INR 50Lakhs.

#### **Security assessment of critical infrastructure organization**

- KPMG is working with a power and utility company in India to assess the security controls in IT and operational technology (OT) systems which are deployed in the Generation plant, Transmission and Distribution etc. The security assessment include review of device security configuration, vulnerability assessment, technical security testing and review of OT security policy and procedures.
- The value of engagement is more than INR 35 Lakhs.

#### **Security Audit of a large BFSI Client**

- KPMG is currently working with one of the leading investment bank on the application security testing services which includes manual security testing of organization's business critical applications, internet facing applications, payment applications, privacy applications, thick client applications and source code review. As part of the application security testing service KPMG is responsible to manage the overall security testing program of the client from project initiation to delivery phase. KPMG is also responsible to conduct risk assessment and documentation of the issues identified and track them to completion with the help of application developers.
- The overall value of the project is approximately INR 1Cr.

#### **9. List of Information Security Audit Tools used ( commercial/ freeware/proprietary):**

##### **Commercial**

- Acunetix,
- Burp,
- Nessus
- AppScan
- WebInspect

##### **Proprietary**

- KRaptor,
- KPMG Brand Protection Tool,
- KPMG SABA,
- KCR Tool
- KPMG Digital Signals Insight Platform
- KPMG Threat intelligence tool

##### **Open source tools**

- BackTrack,
- Kali Linux,
- Paros,
- SQLMap,
- nmap,
- Wireshark



- |  |   |    |
|--|---|----|
| 10. Outsourcing of Project to External Information Security Auditors / Experts<br>( If yes, kindly provide oversight arrangement (MoU, contract etc.)) | : | No |
| 11. Whether organization has any Foreign Tie-Ups? If yes, give details   | : | No |
| 12. Whether organization is a subsidiary of any foreign based organization?<br>If yes, give details  | : | No |
| 13. Locations of Overseas Headquarters/Offices, if any   | : | No |

\*Information as provided by: KPMG Assurance and Consulting Services LLP on 26<sup>th</sup> October 2020

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**Snapshot of skills and competence of CERT-In empanelled  
Information Security Auditing Organisation**

**M/s Mahindra Special Services Group**

1. Name & location of the empaneled Information Security Auditing Organization :  
  

**Mahindra Special Services Group  
(Division of Mahindra Defence Systems Limited)  
Mahindra Towers, P.K Kurne Chowk,  
Dr. G.M Bhosale Marg, Worli, Mumbai - 400018, India**
2. Carrying out Information Security Audits since : 2002
3. Capability to audit , category wise (add more if required)
  - Network security audit (Y/N) : Yes
  - Web-application security audit (Y/N) : Yes
  - Wireless security audit (Y/N) : Yes
  - Compliance audits (ISO 27001, PCI, etc.) (Y/N) : Yes
  - Compliance audits(ISO 22301) : Yes
  - Mobile Application Security Audit : Yes
4. Information Security Audits carried out in last 12 Months :
 

Govt.	:	9
PSU	:	14
Private	:	66
Total Nos. of Information Security Audits done	:	89
5. Number of audits in last 12 months , category-wise (**Organization can add categories based on project handled by them**)
 

Network security audit	:	300+
Web-application security audit	:	250+
Wireless security audit	:	10
Compliance audits (ISO 27001, ISO 22301, ISO 20000, PCI, etc.)	:	40+
6. Technical manpower deployed for information security audits :
 

CISSPs	:	0
BS7799 / ISO27001 LAs	:	17
CISAs	:	4
DISAs / ISAs	:	0
Any other information security qualification (CISM, OSCP, CEH, CND)	:	40
Total Nos. of Technical Personnel	:	60
7. Details of technical manpower deployed for information security audits in Government and Critical sector organizations (attach Annexure if required)

S. No.	Name of Employee	Duration with <organization>	Experience in Information Security	Qualifications related to Information security
1	Shailesh Srivastava	11.63	15	MS ( Cyber Law & Information Security);B. Tech. ( Electrical Engg.);L.L.B. ISO 27001 LA, ISO 27001 LI, ISO 22301 LA, CISM, CDPSE, ITIL
2	Vipul Mathur	10.56	5	MBA (Fin), B.Com, ADMAS ISO 27001 LA; OPQ 32r

3	Anil Govindu	7.90	6	B.Sc.(Physics) ISO 27001 LA
4	Chiragali Peerzada	6.05	10	B.Com. ISO 27001 LA, CCNA, ISO 22301 LI, CEH, CISA
5	Neeraj Rathi	5.93	15	B.Com. ISO 27001 LA, ISO 22301 LI
6	Sunil Sharma	5.28	10	M.Tech. Electronics & Telecommunication ISO 27001LA
7	Suresh Mishra	4.83	15	MBA (Operation) ISO 27001 LA, OSHAS, ISO 9001
8	K Harisaiprasad	3.87	10	MS, BE, ISO 27001 LA; ISO 9001, ISO 22301 LA, CISA
9	Navin Kumar Pandey	3.25	6	BCA, MCA ISO 27001 LA,ISO 22301 LI ITIL
10	Prashant Tatipamula	1.7	6	BCA, ECSA , CISE
11	Praful Mathur	3.17	3	BBA, MBA, Diploma in Labour Law ISO 27001 LA
12	Deepak Pandita	3.17	3.5	B.Tech(Information Technology) CEH
13	Dinesh Usnale	4	5	B.Sc., M.Sc. (Computer Sc.) CEH
14	Prakash Salunkhe	2.40	7	B.Sc. (Physics) ISO 27001 LA, ISO 27001 LI
15	Rijo Raju	3	3	BE (Computers) CCNA (CISCO Certified)
16	Aamir Peerzada	1.73	5	B.Com., MBA ISO 27001 LA
17	Divya Mhatre	1.48	2.10	B.E (Instrumentation & Control) ISO 27001 LA
18	Shruti Kulkarni	3	5	B.E. (Electronics and TC) CEH
19	Akshay Patil	2.5	3	BCA, MCA CEH
20	Vaibhav Bhagat	2	3.5	CEH
21	Priya Gaikwad	2	3.10	BE (Electronic & Telecomm) CEH, CND
22	Rohit Hire	2	2	BE (Computers) CEH, CND, CHFI,CCNA
23	Ganesh Mane	1.10	11	B.Com. MBA OSCP
24	Kamalteja Kasturi	1.10	4.10	MCA B.Sc. CEH
25	Prathik Shanbhag	2.2	7	MBA BE (Electronic & Telecomm) CISA, ISO 27001:2013 LA, ISO 22301:2012 LA, CEH V8
26	Dipali Bhanushali	1	3	B.Sc. IT ISO 27001 LA, ISO

				22301 LI
27	Vaibhav Chavan	1.5	7	B.Sc. CEH
28	Tushar Rasam	1.6	4	B.E in Instrumentation CEH

8. Specify Largest Project handled in terms of scope (in terms of volume, complexity, locations etc.) along with estimated total project value.

- M&M Limited – 15 years for ISO27001 Sustenance and ongoing – 100 plus locations – INR 12 Cr+
- M&M Limited - 3 years for Network and Application Testing – From one location enterprise wide – INR 3 Cr+
- Bajaj Allianz General Insurance Company – Network and Application Testing – 6 years and ongoing – 1 location – INR 2 Cr+
- Bajaj Allianz Life Insurance Company – Network & Application Testing – 6 years and ongoing – 1 location – INR 1 Cr+
- Bajaj Finserv- Consulting for ISO 27001. – Sustenance – 6 years. – 1 location – INR 1 Cr+
- Airport Authority Of India- Consulting for ISO 27001, IS Audit, VA PT( Network and application) – 3 years- INR 45 L
- Union Bank of India - Consulting For ISO 27001 and ISO 22301 – 6<sup>th</sup> year in progress – INR 50 L
- SIDBI – ISO27001 – Certification, Surveillance and Sustenance of ISO 27001 – 5<sup>th</sup> year in progress – INR 40L+
- PNBM – ISO27001/22301/20000 and VAPT – Sustenance – 4<sup>th</sup> year in progress – INR 1 Cr +
- State bank of India - VA PT( Network and application) – 5 years – INR 2 Cr+
- Lupin Pharma: ISO 27001 Implementation, Certificate, Audits, VAPT – 10<sup>th</sup> years in a row – INR 5 Cr+
- National Stock Exchange (Server VAPT , Web Application Security, Configuration Audit ) – INR 2 Cr+

9. List of Information Security Audit Tools used ( commercial/ freeware/proprietary):

#### **I. Commercial Tools**

1. Burp Suite Professional
2. Nessus Professional
3. Netsparker Professional
4. FTK
5. Core Impact

#### **II. Open Source Tools**

1. Kali Linux
2. Nmap
3. Wireshark
4. OWASP ZAP
5. Paros
6. Web Scarab
7. Aircrack suite
8. Nikto
9. MBSA
10. L0phtcrack: Password Cracker
11. BackTrack
12. OpenVas
13. W3af

- 14. Directory Buster
  - 15. SQL Map
  - 16. SSL Strip
  - 17. Tamper Data
  - 18. FOCA
- |     |   |   |    |
|-----|---|---|----|
| 10. | Outsourcing of Project to External Information Security Auditors/Experts<br>(If yes, kindly provide oversight arrangement (MoU, contract etc.)) | : | No |
| 11. | Whether organization has any Foreign Tie-Ups? If yes, give details  | : | No |
| 12. | Whether organization is a subsidiary of any foreign based organization?   | : | No |
| 13. | Locations of Overseas Headquarters/Offices, if any  | : | No |

\*Information as provided by Mahindra Defence Systems Limited (Division Mahindra Special Services Group) on 26<sup>th</sup> October 2020.

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**Snapshot of skills and competence of CERT-In empanelled  
Information Security Auditing Organisation**

**M/s Net Square Solutions Private Limited**

1. Name & location of the empanelled Information Security Auditing Organization :

**Net Square Solutions Private Limited.  
1, SanjivBaug baug, Near Parimal Crossing, Paldi,  
Ahmedabad - 380007, Gujarat.**

2. Carrying out Information Security Audits since : **2013**

3. Capability to audit , category wise (add more if required)

- o Network security audit (Y/N): **Y**
- o Webapplication security audit (Y/N): **Y**
- o Mobile application security testing: **Y**
- o Thick and thin client security audit: **Y**
- o Secure Code Review: **Y**
- o Wireless security audit (Y/N): **Y**
- o Compliance audits (Y/N): **Y**, which includes
  - o ASP Audit: **Y**
  - o Site Audit: **Y**
  - o GIGW Audit: **Y**
- o Cloud Security (AWS and Azure): **Y**
- o Security Architecture Review: **Y**
- o Red Team Assessment: **Y**
- o IoT Security Assessment: **Y**
- o Risk Assessment: **Y**

4. Information Security Audits carried out in last 12 Months (Starting from July 2020 till June 2021)

Government: **10**

PSU: **0**

Private: **51**

Total Nos. of Information Security Audits done: **61**

5. Number of audits in last 12 months, category-wise starting from July 2020 till June 2021  
**(Organization can add categories based on project handled by them)**

Network security audit: **3**

Webapplication security audit: **40**

Mobile application Security audit: **2**

Compliance audits (Security audit and GIGW compliance): **2**

Cloud security Audits: **2**

Source code review: **6**

API Security Testing: **6**

6. Technical manpower deployed for information security audits:

- o CISC: **2**
- o CISSPs: **1**
- o BS7799 / ISO27001 LAs: **1**
- o CISAs: **1**
- o CEH and equivalent: **11**
- o CPFA: **2**
- o OSCP: **3**
- o OSCE: **1**
- o NSCE: **13**
- o AWS Certified Cloud Practitioner: **1**

**Net Square also runs its own certification program called Net Square Certified Expert (NSCE). Details of this are also available from the contacts provided above.**

Nos. of Technical Personnel:**75+**

7. Details of technical manpower deployed for information security audits in Government and Critical sector organizations (attach Annexure if required)

S. No.	Name of Employee	Duration with <organization>	Experience in Information Security	Qualifications related to Information security
1	Saumil Shah	20+	20+	Master's degree in computer science, CISSP
2	Hiren Shah	20+	24+	B.Sc. (Physics & Electronics), F.C.A., CISA & CGEIT
3	Rohan Braganza	9.5	10.7	M.Sc., CCNA & CEH
4	Ravi Paghdal	7.3	6.1	BCA, MCA, IBM Certified IBM DB2 Academic Associate, Microsoft Technology Associate, NSCE
5	Jatan Rawal	4.2	5.8	M.Tech, OSCP & OSCE
6	Rohit Jadhav	5.7	7.7	B.sc (IT), CISC, CPH, CPFA
7	Jaimin Gohel	3.3	6.2	BCA, MCA, Microsoft Technology Associate
8	Aishwarya Gandhi	4.3	4.3	B.E (CSE), "Certified professional hacker (CPH), Certified professional forensics analyst (CPFA), Certified Information Security Consultant (CISC)"
9	Viral Bhatt	2.9	2.9	BCA, CEH, CPTE, IBM Enterprise Application Development - Q and A
10	Ayushi Tomar	1.8	1.8	B.Tech, CEH

8. Specify Largest Project handled in terms of scope (in terms of volume, complexity, locations etc.) along with project value.

**Net Square takes its non-disclosure agreement with customers very seriously and therefore is in no position to share this information. Kindly contact us on the contact details provided above for customer testimonials.**

9. List of Information Security Audit Tools used (commercial/ freeware/proprietary):

**Net Square has a proprietary methodology for testing all kinds of IT environment ranging from network, thick client application, web application, mobile application, IoT devices etc. For details of the methodology and a list of tools that we use, kindly contact us as the details provided above**

10. Outsourcing of Project to External Information Security Auditors / Experts: (If yes, kindly provide oversight arrangement (MoU, contract etc.))

**YES, this is done based on the requirement of client and fitment of a partner with whom Net Square has partnership agreements. Since these agreements are governed by non-Disclosure clauses, we cannot provide such information on a public domain. We bring in the right partner to the table when we see a need for one**

11. Whether the organization has any Foreign Tie-Ups? If yes, give details:

**YES, cannot provide details due to non-Disclosure agreements with our foreign partners.**

12. Whether the organization is a subsidiary of any foreign based organization? **No**  
If yes, give details

13. Locations of Overseas Headquarters/Offices, if any:**No**

\*Information as provided by **Net Square Solutions Private Limited** on <**2<sup>nd</sup> July 2021**>

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**Snapshot of skills and competence of CERT-In empanelled  
Information Security Auditing Organisation**

**M/s Paladion Networks Pvt. Ltd.**

1. Name & location of the empanelled Information Security Auditing Organization :

**Paladion Networks Pvt. Ltd.  
Shilpa Vidya, 49 1st Main,  
3rd Phase JP Nagar,  
Bangalore- 560078**

2. Carrying out Information Security Audits since : **2000**

3. Capability to audit , category wise (add more if required)

• Network security audit (Y/N)	:	<b>YES</b>
• Web-application security audit (Y/N)	:	<b>YES</b>
• Wireless security audit (Y/N)	:	<b>YES</b>
• Compliance audits (ISO 27001, PCI, etc.) (Y/N)	:	<b>YES</b>

4. Information Security Audits carried out in last 12 Months :

Govt.	:	<b>7</b>
PSU	:	<b>2</b>
Private	:	<b>more than 100</b>
Total Nos. of Information Security Audits done	:	<b>more than 300</b>

5. Number of audits in last 12 months , category-wise (**Organization can add categories based on project handled by them**)

Network security audit	:	<b>3000+ IP addresses</b>
Web-application security audit	:	<b>2000+ applications</b>
Wireless security audit	:	<b>10+ locations</b>
Compliance audits (ISO 27001, PCI, etc.)	:	<b>:100+</b>

6. Technical manpower deployed for informationsecurity audits :

CISSPs	:	<b>3</b>
BS7799 / ISO27001 LAs	:	<b>23</b>
CISAs	:	<b>1</b>
DISAs / ISAs	:	<b>0</b>
Any other information security qualification	:	<b>7 PCI QSA, 2 CRISC, 72 CEH, 15 ECSA, 8 OSCP</b>
Total Nos. of Technical Personnel	:	<b>700+</b>

7. Details of technical manpower deployed for information security audits in Government and Critical sector organizations (attach Annexure if required)

S. No.	Name of Employee	Duration with Paladion	Experience in Information Security	Qualifications related to Information security
1.	Hrishikesh Sivanandhan	16+ years	16+ years	CISSP
2.	Balaji V	15+ years	15+ years	CSSA
3.	Sanjeev Verma	13+ years	13+ years	CISSP
4.	Dawood Haddadi	10+ years	12+ years	Certified Web Hacking Security Professional, ISO 27001 Lead Auditor
5.	Hariharan Anantha Krishnan	9+ years	12+ years	ISO 27001, CEH, PCI QSA
6.	Satyam Singh	8+ years	8+ years	GWAPT, OSCP

8. Specify Largest Project handled in terms of scope (in terms of volume, complexity, locations etc.) along with project value.

**We execute 500+ projects each year globally. Here are a few of them-**

S.No.	Customer Details	Scope	Project Value
1.	A large Private Bank in India	a. Security Testing b. Security Monitoring c. Threat Advisory	Rs. 3 crore+
2.	Global Bank with Delivery Centre in India	a. Web application security test b. Internal penetration test c. External penetration test	Rs. 2 crore+
3.	Large IT company	a. 20+ applications for Application Penetration Test b. 10+ applications for Source Code Review c. 200+ IP addresses for Internal network penetration test d. 50+ External network penetration test	Rs. 1 crore+

9. List of Information Security Audit Tools used (commercial/ freeware/proprietary):

S. No	Activities	Security Audit tools
1.	Application Security Assessment	Burp Proxy and Scanner, Paros Proxy and Scanner, Wireshark, Winhe, CSRF Tester, OpenSSL, tHCSSLCheck, Firefox Extensions
2.	Source Code Review	Fortify SCA & Paladion Code Scanner
3.	Network Penetration Testing	KALI Linux, Nslookup, Dnsrecin, Dnsmap, Metagoofil, fragroute, whisker, Nmap, Firewalk, SNMPc, Hping, xprobe, Amap, Nessus, Nikto, L0phtcrack, John the ripper, Brutus, Sqldict, Penetration Testing Orchestrator
4.	Wireless Penetration Testing	AirSnort, WinDump, Ethereal, WEPCrack, NetStumbler, Kismet, AirTraf, Aircrack-ng Suite & Ettercap
5.	Internal Vulnerability Scanning	SAINT & Nessus Professional
6.	ASV Scans	SAINT
7.	Configuration Review	Nessus Professional

10. Outsourcing of Project to External Information Security Auditors / Experts : **Yes/No**  
( If yes, kindly provide oversight arrangement (MoU, contract etc.))

11. Whether organization has any Foreign Tie-Ups? If yes, give details : **Yes/No**

12. Whether organization is a subsidiary of any foreign based organization? : **Yes/No**  
If yes, give details

**AtosSE**

13. Locations of Overseas Headquarters/Offices, if any :

**Yes/No**

**11480 Commerce Park Drive, Suite 210  
Reston, VA 20191 USA**

\*Information as provided by **Paladion Networks Pvt. Ltd.** on **26<sup>th</sup> October, 2020**

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**Snapshot of skills and competence of CERT-In empanelled  
Information Security Auditing Organisation**

**M/s Payatu Technologies Pvt Ltd**

1. Name & location of the empanelled Information Security Auditing Organization :

**Payatu Technologies Pvt Ltd  
502, 5<sup>th</sup> Floor, Tej House, SMG Road, Pune-411001**

2. Carrying out Information Security Audits since : 2011

3. Capability to audit , category wise (add more if required)

• Network security audit	:	Yes
• Web-application security audit	:	Yes
• Wireless security audit	:	Yes
• Compliance audits (ISO 27001, PCI, etc.)	:	No
• Red team assessment	:	Yes
• Mobile application security audit	:	Yes
• Cloud infrastructure security audit	:	Yes
• IoT product hardware security audit	:	Yes
• DevSecOps consulting	:	Yes
• Source code security analysis	:	Yes
• AI/ML product security audit	:	Yes
• Application/Product/Protocol fuzzing	:	Yes
• Binary/Firmware reverse engineering	:	Yes

4. Information Security Audits carried out in last 12 Months:

Govt.	:	0
PSU	:	5+
Private	:	145+
Total Nos. of Information Security Audits done	:	150+

5. Number of audits in last 12 months , category-wise **(Organization can add categories based on project handled by them)**

Network security audit	:	<b>10+</b>
Web-application security audit	:	40+
Mobile-application security audit	:	40+
Cloud infrastructure security audit	:	25+
IoT Product hardware security audit	:	25+
RedTeam Assessment	:	5+
Source Code Security Analysis	:	5+
DevSecOps Consulting	:	2
Binary/Firmware Reverse Engineering	:	1
Application/Product/Protocol fuzzing	:	1
Wireless security audit	:	<b>0</b>
Compliance audits (ISO 27001, PCI, etc.)	:	<b>0</b>

6. Technical manpower deployed for informationsecurity audits :

OSCP	:	5
OSWE	:	1
OSCE	:	1
OPSE	:	1
CRTP	:	1
SANS GWAPT	:	1
Total Nos. of Technical Personnel	:	30+

7. Details of technical manpower deployed for information security audits in Government and Critical sector organizations (attach Annexure if required)

S. No.	Name of Employee	Duration with Payatu	Experience in Information Security	Qualifications related to Information security
1	Abhilash Nigam	2 months	3.5 years	B.E.
2	Aman Aryan	2.5 years	4years	BTech
3	Amit Kumar	1 months	2 years	BTECH
4	ApparThusoo	1 year	1.7 years	BE
5	Arjun Bahera	1.5 months	2years	B.Tech
6	Arjun Singh	2 months	3 months	BCA
7	Asmita	1 year	1 year	BE
8	Dattatray Hinge	1.5 years	1.5 years	B.SC. TECH (B.E.)
9	Devansh Bordia	2 months	fresher	B.Tech
10	Dipti Dhandha	9 months	2 years	MTech
11	DOSHAN JINDE	1.5 months	4.7 years	B.Sc(I.T)
12	Farid Luhar	1 month	2.5 years	B.com
13	Gaurav bhosale	6 days	6 months	BE, CSE
14	Gaurav Nayak	1.10 years	4 years	MCA
15	Hari Prasad	6 days	3 years	Diploma in Computer Engineering
16	HrushikeshKakade	2.4 years	2.4 years	BE
17	Irfan Mohammed	1.5 years	1.5 years	BCA
18	Manmeet Singh	21 days	3 years	BE
19	Mayank Arora	4 months	1.8 years	MCA
20	Mihir Doshi	1.2 years	3 years	MCA
21	Munawwar Hussain Sheli	1 year	1 year	BE
22	Nandhakumar	1.1 years	3.6 years	BE
23	Nikhil Joshi	2.10 years	3 years	BE
24	Nikhil Mittal	3 years	3 years	BTECH (BE)
25	Nimit	1 month	3 years	BTEC
26	Prateek Thakare	2 months	fresher	BE
27	RewanthTammana	2.4 years	2.3 years	B.Tech (Bachelor of Technology)
28	Saddam Hussain	1 month	1 year	B.TECH
29	Samaksh Kaushik	6 months	3.5 years	B.Tech
30	Shakir Zari	2.3 years	2.3 years	BE perusing/Diploma in Electronics
31	Sourov Ghosh	7 months	2.8 years	B.Tech
32	Suraj Kumar	1 month	5 years	B.Tech
33	YashodhanMandke	3 months	3 years	M.Tech

8. Specify Largest Project handled in terms of scope (in terms of volume, complexity, locations etc.) along with project value.

S. No.	Customer Details	Scope	Project Value
1	One of the Middle East based IT consulting company	1. Web Application Security 2. Security Analysis of Source Code	USD 1 Million+
2	One of the Europe based IT consulting company	1. IoT product hardware security assessment 2. Web Application Security Assessment 3. External Network Infrastructure Assessment 4. Mobile Application Security Assessment	Euro 100 Thousand+
3	USA based Analytics Product Company	1. Web Application Assessment 2. Internal and External Infrastructure Assessment	USD 100 Thousand+

9. List of Information Security Audit Tools used( commercial/ freeware/proprietary):

Information Gathering

1. Dnsenum
2. Fierce domain scan
3. Dig
4. Whois
5. Wget
6. Google Advanced search

Mapping

1. Nmap
2. Scapy
3. Ike-scan
4. Superscan
5. Dirbuster
6. Openssl
7. THC SSLCheck
8. Sslscan
9. Netcat
10. Traceroute
11. Snmpcheck
12. Smtptscan
13. Smbclient
14. Wireshark
15. Web Browser

Vulnerability Assessment

1. Nessus Professional
2. Openvas
3. Skipfish
4. Ratproxy
5. IronWASP
6. Grendel scan
7. Web securify
8. Burp suite professional
9. Paros Proxy
10. SOAPUI

Exploitation

1. Custom python script
2. W3af
3. Metasploit
4. Sqlmap
5. Sqlninja
6. BeEF Framework
7. Hydra

10. Outsourcing of Project to External Information Security Auditors / Experts : No

11. Whether organization has any Foreign Tie-Ups? : No

12. Whether organization is a subsidiary of any foreign based organization? : No

13. Locations of Overseas Headquarters/Offices, if any : Yes

1. The Hague – Netherlands
2. Sydney - Australia

\*Information as provided by Payatu on 26<sup>th</sup> October 2020

**Snapshot of skills and competence of CERT-In empanelled  
Information Security Auditing Organisation**

**M/s Qseap Infotech Pvt. Ltd.**

1. Name & location of the empanelled Information Security Auditing Organization:

**Qseap Infotech Pvt. Ltd. Mahape, Navi Mumbai.**

2. Carrying out Information Security Audits since : **2011**

3. Capability to audit, category wise (add more if required)

- Network security audit (Y/N): **Yes**
- Web-application security audit (Y/N): **Yes**
- Wireless security audit (Y/N): **Yes**
- Compliance audits (ISO 27001, IEC 62443, IEC 27019, PCI, etc.) (Y/N): **Yes**
- Finance Sector Audits (Swift, ATMs, API, Payment Gateway etc.) (Y/N): **Yes**
- ICS/OT Audits (Y/N): **Yes**
- Cloud security Audits (Y/N): **Yes**

4. Information Security Audits carried out in last 12 Months:

Govt. : 10+  
PSU : 2+  
Private : 30+  
Total Nos. of Information Security Audits done : 40+

5. Number of audits in last 12 months , category-wise (**Organization can add categories based on project handled by them**)

Network security audit: **7**  
Web-application security audit: **25**  
Mobile-application security audit: **6**  
Wireless security audit: **1**  
Red team assessment : **2**  
VPN Pentesting : **1**  
Work from Home Attack Simulation : **1**  
Compliance audits (ISO 27001, IEC 62443, IEC 27019, PCI, etc.): **12**  
Finance Sector Audits (Swift, ATMs, API, Payment Gateway etc.): **10+**  
ICS/OT Audits: **NA**  
Cloud security Audits: **0**

6. Technical manpower deployed for information security audits:

CISSPs : **1**  
BS7799 / ISO27001 LAs : **11**  
CISAs : **4**  
Any other information security qualification:  
CEH: **45**  
ECSA: **6**  
OSCP: **3**  
CPTE: **5**  
CCNA: **4**  
CISEH: **7**  
CompTIA Security+: **1**  
CISC: **5**  
CHFI: **1**  
CNSS: **8**  
CND: **2**  
CISM: **1**  
CPFA: **1**  
Total Nos. of Technical Personnel: **160**

7. Details of technical manpower deployed for information security audits in Government and Critical sector organizations (attach Annexure if required)

S. No	Name of Employees	Duration with Qseap in Years	Experience in Information Security in Years	Qualifications related to Information security
1.	Praveen Singh	10 Years	13 Years	B. Tech IT
2.	Sunil Kapri	10 Years	13 Years	EMBA, BE in IT
3.	Jaya Bharthi	3 Years	38 Years	CISA, CISSP, CISM, ISO 27001 LS, CEH, CAIIB
4.	Hemant Dusane	0.1 Year	15 Years	BE EXTC, CISA, ISACA BS100012:2017 PIMS and GDPR Lead Implementer (BSI), ISO27001 Lead Auditor (BVQ), ISO20000 Lead Auditor (BSI), CSSA)
5.	Ketan Shah	0.1 Year	12 Years	ISO27001 LA (BSI, IRCA) ECSA, CEH, MCITP, CCNA, MCSA
6.	Gangadhar Kyatham	0.1 Year	23 Years	CISA / ISO 27001 LA / CPTE / CEH / CCNA / MCP / ITILv3
7.	Abhijit Ashok Doke	7.5 Years	8 Years	OSCP CSIC MBA in IT
8.	Kalyani Vishwas Mali	4.9 years	6 years	CEH, MTAC BE. In IT
9.	Awdhesh Chintamani Yadav	4.4 years	6 years	BSs. In IT CEH CCNA
10.	Ajita Haridas Gawai	4.3 years	4.3 years	ISO 27001 LA PCIDSS Implementer MSc in Network Systems Engineering
11.	Ninad Rajeshbhai Gandhi	4.1 years	4.1 years	CEH, CND, CCNA B.E in Electronics and Communications
12.	Brijesh Suresh Yadav	3.10 years	3.10 years	CEH CND CCNA B.E (EXTC)
13.	Mandar Lingayat	3.7 years	3.7 years	CEH BE EXTC
14.	Onkar Ghadge	3.7 years	3.7 years	ISO 27001 LA Professional Software Testing Specialist BE in IT
15.	Vishnu s. Chandran	3.7 years	3.7 years	CISEH,OSCP BE in IT
16.	Tanveer Shaikh	3.7 years	3.7 years	CCNA ECSA.v10 BE in EXTC
17.	Sandeep Pandey	3.6 years	3.6 years	BSc. IT
18.	Zeeshan Khan	3.6 years	3.6 years	JAVA SQL BE in Electrical
19.	Ashish Jogi	3.6 years	3.6 years	CEH BCA
20.	Faizan Ansari	3.6 years	3.6 years	ESCA BE EXTC
21.	Aditya Nagarkar	3.6 years	3.6 years	CEH, CNSS BE in EXTC
22.	Shahnawaz Shaikh	3.6 years	3.6 years	CCNA CCNP BE EXTC
23.	Rahul Subhash Ahire	3.4 years	3.4 years	CEH CDAC, Certified Software



				Tester BE in Computers
24.	Ajay Jayram Doke	3.1 years	3.1 years	CEH, PJS BE in Electrical
25.	Subodh vishe	3.1 years	3.1 years	MSc in I.T BSC-IT
26.	Shweta Songaonkar	3 years	3 years	CEH CCNP ISO 27001:2013 LA Certified Network Associate Router and S/w BE in EXTC
27.	Apoorva Satish Phatak	2.9 years	2.9 years	CEH ISO 27001:2013 LA MSc. in IT BSc. In IT
28.	Amurta Anna Gangurde	2.9 years	2.9 years	ISO 27001:2013 LA BE in EXTC
29.	Purushottam Jaywant Rane	2.9 years	2.9 years	ESCA CEH CND CHFI B.E in EXTC
30.	Mohd Uvais Shaikh	2.9 years	2.9 years	CCNA B.E (EXTC)
31.	Roshan Uke	2.9 years	2.9 years	B.E in IT
32.	Rana Pratap Dudipalla	2.9 years	2.9 years	BTech in Electronics and Communications Engineering
33.	Suraj Bade	2.8 years	2.8 years	CEH BSc in Computer Science
34.	Vishvesh Bhatt	2.4 years	2.4 years	CEH BE in EXTC
35.	Manish Karda	2.4 years	2.4 years	Redhat certified system Adminstrator CPTE BE in EXTC
36.	Himanshu Kulkarni	2.4 years	2.4 years	CEH B.E in Electronics
37.	Rahul Nikam	2.3 years	2.3 years	CEH BSc. IT
38.	Shalini Saini	2.4 years	2.4 years	ISO 27001:2013 LA BE in EXTC MBA
39.	Shyam Dhuriya	2.4 years	2.4 years	MCA - Master of Computer Application, Programming BCA - Bachelor of Computer Application, Programming
40.	Rashmi Bhatt	2.4 years	2.4 years	MCA in computer science
41.	Zain Ahmed	2.4 years	2.4 years	CISC CPFA BE EXTC
42.	Darshana pund	2.4 years	2.4 years	BE in Computer Science & Engineering
43.	Prem Singhote	2.4 years	2.4 years	CEH Cyber Protection and Security Course BCA
44.	Sanjana Mahadeshwar	2.1 years	2.1 years	BE in Computer Science and Technology PG Diploma in IT Infrastructure, Systems and Security
45.	Ankita Desai	2.1 years	2.1 years	BE in EXTC
46.	Viraj Kishor Mota	2 years	2 years	CEH BSc. IT

47.	Chetna Omeya Shinde	1.10 years	1.10 years	ISO 27001 LA CNSS Software Testing BE in IT
48.	Suraj Kalamkar	1.10 years	1.10 years	CISEH CPTE BSc in IT
49.	Shubhangi Vijay Dawkhar	1.10 years	2.8years	CEH BSc in Computer Science
50.	Krutika Santosh Haldankar	1.10 years	2.8 years	CEH BSc in IT
51.	Sanket Yadav	1.10 years	2.5 years	BSc in IT
52.	Shashikumar Reddy	1.10 years	1.10 years	BE in Mechanical
53.	Tejaswi Sagi	1.10 years	1.10 years	BE in Computer Science
54.	Muthu Krishnan	1.10 years	1.10 years	BE in Computer Science
55.	Mohan Thakur	1.10 years	1.10 years	CEH BE in EXTC
56.	Harsh Savla	1.10 years	2.5 years	CEH ECSA BTech in Computer Science Engineering
57.	Ryan Nisar Pathan	1.10 years	2.5 years	CISC CEH BE in EXTC
58.	Uzaif Kotmire	1.9 years	2.5 years	CEH CISC BE in EXTC
59.	Swapnil Nikam	1.7 years	1.7 Years	Bsc-IT CEH
60.	Sumit Satish Lambe	1.7 years	2.10 Years	MCA- IT BCA- IT
61.	Devesh Nitin Chaudhari	1.7 years	2.10 Years	BE. EXTC
62.	Pooja Anilbhai Sali	1.7 years	2.10 Years	CEH MTech. Cyber Security BE. EXTC
63.	Sidh Jayesh Bhavsar	1.7 years	2.5 Years	BSc in Computer Science
64.	Anish Tukaram Satam	1.7 years	2.10 Years	BSc IT PGD -Digital and Cyber Forensics and Related Laws CEH
65.	Shweta Utpal Bhatia	1.7 years	3.9 Years	CEH BSc IT
66.	Mohammad Aqib Shaikh	1.7 years	1.7 years	CNSS BTech- Computer Science & Engineering
67.	Harshad Sanjay Dudhane	1.6 years	1.6 years	ECSA BE. EXTC
68.	Rutuja Vinaykumar Nikam	1.6 years	1.6 years	BSc IT
69.	Nidhin Sabu	1.6 years	1.6 years	BTech. ECE
70.	Chandan Vasudeo Kolhe	1.6 years	2.7 Years	B.E ELECTRONICS CISEH cyber security CPTE cyber security
71.	Prashant Karman Patel	1.6 years	1.6 years	BE. EXTC CNSS CEH
72.	Amol Kedu Bhavar	1.6 years	1.2 years	BSc in Computer Science CNSS AWS Security Fundamental CISE
73.	Manas Harsh	1.4 years	2.6 Years	BCA Computer Science
74.	Akash Narayan Navghane	1.5 year	2.8 Years	BE EXTC
75.	Rakesh Sakharam Kengale	1.4 year	2.7 Years	MCA- IT BCA- IT
76.	Avneel Prabhu	1.4 year	2.7 Years	CEH BE Computers

77.	Shijo Raj	1.4 year	2.7 Years	ME IT
78.	Mayank Afle	1.5 year	10 Years	BE IT
79.	Pradip Sanjay Patil	1.4 year	1.4 year	BE EXTC
80.	Afroza Sulaiman	1.4 year	1.4 year	BSc IT
81.	Niraj Nandkumar Pawaskar	1.4 year	1.6 Years	CNSS B.E ELECTRONICS
82.	Khaja Mohiddin Syed	0.10 year	0.10 year	BE CSE
83.	Rushikesh Shailesh Dave	1.5 year	3.5 Years	BTech Computer Engineering MSc Cyber Security
84.	Hitesh Duseja	1.5 year	3.5 Years	CEH BE EXTC
85.	Manali Sanjay Ahire	1.3 year	1.3 year	BE EXTC CCNA ROUTING AND SWITCHING
86.	Pashmini Hiralal Sonawane	1.3 year	1.3 year	BE IT
87.	Mahesh Arjun Shinde	1.3 year	2.8 Years	BSc IT
88.	Pradeep kumar shyamanthula	1 year	1 year	BTech in Electrical and Electronics Engineering
89.	Ajay Thorbole	1.4 years	1.4 years	MSc. Computer Science CISEH CPTE
90.	Vaibhav Barkade	1.4 years	1.4 years	BE. In Information Technology CISEH CPTE
91.	Ashish Upsham	1.4 years	1.4 years	BSc. IT CISEH CPTE
92.	Prathamesh Sarvankar	2.5 years	2.5 years	MCA / BCA CEH v.10 Certified Network Security Specialist - ICSI
93.	Vishal Mohan	0.9 years	0.9 years	Web Application Pentesting, Ethical Hacking & Pentesting, Network Security Expert 3, Certified Cisco Network Associate
94.	Vinay Bhuria	0.8 years	0.8 years	BSc. Computer Science
95.	Kanika Ajay Kapoor	0.6 years	0.6 years	Bachelor of Computer Applications
96.	Rutuja Dashrath Shirke	0.5 years	0.5 years	BE. Comps
97.	Piyush Dutta	0.6 years	0.6 years	CEH BSc.
98.	Saddam Ahmad Shaikh	0.5 years	0.5 years	CEH BE. EXTC
99.	Pramod Ramdas Shirke	0.6 years	0.6 years	CEH BE. EXTC
100.	Gagandeep Somal	0.6 years	0.6 years	BE. IT

8. Specify Largest Project handled in terms of scope (in terms of volume, complexity, locations etc.) along with project value.

S.No	Activity	Scope	Complexity	Location
1	ICICI Bank	Information Technology (IT) Contingency Plan for Business Continuity during COVID-19 Pandemic.	Network VAPT Web Appsec Mobile Appsec	Mumbai

2	Indian Commodity Exchange (ICEX)	Cyber Security and Cyber Resilience as per SEBI Guidelines	Process Audit	Mumbai
3	UTIITSL	Website Security Audit for UTIITSL Applications	Multiple Web Applications	Mumbai
4	Stock Holding	Annual charges for availing information security audit ISMS advisory services	Process Audit	Mumbai

9. List of Information Security Audit Tools used (commercial/ freeware/proprietary):

**Commercial:**

- Nessus Professional
- Nipper
- Acunetix
- Burp Suite Professional
- CheckMarx

**Free ware:**

- Zed Attack Proxy
- WebScarab
- Spike Proxy
- Metasploit Framework
- SQLiX
- Absinthe
- Winhex
- DJ Decompiler
- VBReFormer
- Brutus
- APKInspector
- Error-Prone
- Echo Mirage
- Interactive TCP Relay
- NMAP
- Wikto
- Xprobe
- SINF
- Hping2
- Wireshark Network Stuff
- Process Monitor
- Scanrand Superscan
- Browser Extensions
- Amandroid
- Androwarn
- Android SDK

10. Outsourcing of Project to External Information Security Auditors / Experts : No  
( If yes, kindly provide oversight arrangement (MoU, contract etc.))

11. Whether organization has any Foreign Tie-Ups? If yes, give details : No

12. Whether organization is a subsidiary of any foreign based organization? : No  
If yes, give details

13. Locations of Overseas Headquarters/Offices, if any : No

\*Information as provided by **Qseap Infotech Pvt. Ltd.** on **02<sup>nd</sup> July,2020**



**Snapshot of skills and competence of CERT-In empanelled  
Information Security Auditing Organisation**

**M/s SecureLayer7 Technologies Private Limited**

1. Name & location of the empanelled Information Security Auditing Organization :

**SecureLayer7 Technologies Private Limited**  
**Registered address: Plot No. 28, Vyankatesh Nagar, Beside Totala Hospital, Jalna Road, Aurangabad – 431001, Maharashtra**  
**Operations Address: TeerthTechnospace, B Wing, SecureLayer7 Technology Private Limited, First Floor Teerth 2 work, Bengaluru - Mumbai Hwy, Baner, Pune, Maharashtra 411045**

2. Carrying out Information Security Audits Since : **2016**

3. Capability to audit , category wise (add more if required)

- Network security audit
- Web-application security audit
- Wireless security audit
- IoT Devices Security Audit
- Ransomware Readiness Assessment
- Website Malware Removal
- SAP Security Assessment
- Red Team Assessment
- AWS Penetration Testing
- Firewall Configuration Review
- VoIP Penetration Testing
- Mobile Application Security
- Source Code Audit
- Compliance audits (ISO 27001, PCI, etc.)

4. Information Security Audits carried out in last 12 Months :

Govt.	:	<b>12</b>
PSU	:	<b>05</b>
Private	:	<b>04</b>
Total Nos. of Information Security Audits done	:	<b>21</b>

5. Number of audits in last 12 months , category-wise

Network security audit	:	<b>02</b>
Web-application security audit	:	<b>18</b>
Compliance audits (ISO 27001, PCI, etc.)	:	<b>01</b>

6. Technical manpower deployed for informationsecurity audits :

CISSPs	:	<b>0</b>
BS7799 / ISO27001 LAs	:	<b>0</b>
CISAs	:	<b>0</b>
DISAs / ISAs	:	<b>0</b>
Any other information security qualification	:	<b>OSCP 05, CEH 08</b>
Total Nos. of Technical Personnel	:	<b>50+</b>

7. Details of technical manpower deployed for information security audits in Government and Critical sector organizations (attach Annexure if required)

S. No.	Name of Employee	Duration with <b>&lt;organization&gt;</b>	Experience in Information Security	Qualifications related to Information security
1	Sandeep Kamble	5 Years	9 Years	OSCP Certified
2	Rajasekara A	2 Years	5 Years	OSCP Certified
3	Hridyesh	2 Years	4 Years	ISO 27001
4	Tohuid Shaikh	3 Years	4 Years	OSCP Certified

5	AkshayDarekar	4 Years	6 Years	CEH, MCA Computer
6	Akash katare	2 Years	2 Years	BE-Computer

8. Specify Largest Project handled in terms of scope (in terms of volume, complexity, locations etc.) along with project value.

Project	Assessment	Value
Eduvidhya Web Conferencing System Design for Online Learning	Security Audit - Vulnerability Assessment and Penetration Testing	Confidential

9. List of Information Security Audit Tools used (commercial/ freeware/proprietary):

- Acunetix
- Nessus
- Nmap
- Wireshark
- OpenVAS
- Nikto
- Metasploit
- Burp-Suite
- W3AF
- SQLMap
- Kali Linux
- Custom scripts

10. Outsourcing of Project to External Information Security Auditors / Experts : **No**  
( If yes, kindly provide oversight arrangement (MoU, contract etc.))
11. Whether organization has any Foreign Tie-Ups? If yes, give details : **No**
12. Whether organization is a subsidiary of any foreign based organization? : **No**  
If yes, give details
13. Locations of Overseas Headquarters/Offices, if any : **No**

\*Information as provided by **SecureLayer7 Technologies Private Limited** on **October 26<sup>th</sup> 2020**

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**Snapshot of skills and competence of CERT-In empanelled  
Information Security Auditing Organisation**

**M/s SecurEyes Techno Services Pvt Ltd.**

1. Name & location of the empanelled Information Security Auditing Organization:

**SecurEyes Techno Services Pvt Ltd.,**  
**Registered Address:**  
**3rd Floor, 3s, Swamy Towers, 51/27, outer Ring Road, Chinapanahalli,**  
**Marathahalli, Bengaluru (Bangalore) Urban, PIN 560037**  
**Corporate Office:**  
**4th Floor, Delta Block, Sigma Soft Tech Park, Whitefield Main Road,**  
**Varathur, Bangalore - 560066**

2. Carrying out Information Security Audits since : **2006**

3. Capability to audit, category wise (add more if required)

• Network security audit	-	<b>Yes</b>
• Web-application security audit	-	<b>Yes</b>
• Wireless security audit	-	<b>Yes</b>
• Compliance audits (ISO 27001, PCI, etc.)	-	<b>Yes</b>
• Comprehensive Risk Management	-	<b>Yes</b>
• Application Security	-	<b>Yes</b>
• Vulnerability Assessment	-	<b>Yes</b>
• Code Security Review	-	<b>Yes</b>
• Enterprise Architecture Review	-	<b>Yes</b>
• Development & Review of Policy & Procedures	-	<b>Yes</b>
• Policy Implementation Review	-	<b>Yes</b>
• Regulatory Consultancy	-	<b>Yes</b>
• Custom ISMS Consultancy	-	<b>Yes</b>
• Training Services	-	<b>Yes</b>
• User & Identity Management	-	<b>Yes</b>
• Single Sign On	-	<b>Yes</b>
• Application Architecture Review	-	<b>Yes</b>
• Operational Security Guidelines	-	<b>Yes</b>
• Social Engineering Assessment	-	<b>Yes</b>
• Setting secure SDLC practice and Code security review	-	<b>Yes</b>
• Process Security Testing	-	<b>Yes</b>
• Red Teaming Assessments	-	<b>Yes</b>
• Physical Access and Environment Security Controls Review	-	<b>Yes</b>
• Advanced Penetration Resilience Testing	-	<b>Yes</b>
• Enterprise Security Architecture Review	-	<b>Yes</b>

4. Information Security Audits carried out in last 12 Months:

Govt.	:	<b>196</b>
PSU	:	<b>367</b>
Private	:	<b>293</b>
Total Nos. of Information Security Audits done	:	<b>856</b>

5. Number of audits in last 12 months, category-wise (**Organization can add categories based on project handled by them**)

• Network security audit	:	<b>257</b>
• Application security audit	:	<b>511</b>
• Governance, Risk & Compliance (ISO 27001, PCI, etc.)	:	<b>13</b>
• Business Continuity Review	:	<b>1</b>
• Incident Management Review	:	<b>20</b>
• Information Security Awareness Program	:	<b>1</b>
• Red Teaming	:	<b>2</b>



- Secure Configuration Review : **15**
- Secure Code Review : **26**
- VAPT : **4**

**Note:** Some of the above audits may have been conducted for the same client through different times/duration during the year.

6. Technical manpower deployed for information security audits: 82

CISSPs	:	<b>01</b>
BS7799 / ISO27001 LAs	:	<b>22</b>
CISAs	:	<b>08</b>
CEH	:	<b>57</b>
SANS	:	<b>4</b>
CCNA	:	<b>5</b>
CCNP	:	<b>02</b>
SCSA	:	<b>01</b>
ECSA	:	<b>09</b>
Total Nos. of Technical Personnel	:	<b>104</b>

7. Details of technical manpower deployed for information security audits in Government and Critical sector organizations (attach Annexure if required)

S. No.	Name of Employee	Duration with SecurEyes	Experience in Information Security	Qualifications related to Information security
1.	Karmendra Kohli	14Y	19.50 Y	CISA, CEH, ISO 27001, GCIH,
2.	Seemanta Patnaik	14Y	18.50 Y	CISA, CEH, SANS, ISO 27001
3.	Uma Pendyala	11.5 Y	16.00 Y	CEH, CISA, ISO 27001
4.	Sudip Narayan Das	12.8 Y	13 Y	ISO 27001, CISA, SANS GCIH, CEH
5.	Sujay Gankidi	2.3 Y	12 Y	ISO 27001, CEHV9, CISSP, ECSA, CRISC
6.	Puneet Kumar Vohra	3.8 Y	7.6 Y	CEH V.10, CISC, CPH, CPFA
7.	Sanket Laxman Patil	2Y	2.40 Y	CEH V10, CPTE
8.	Bharat Kumar	1.90 Y	3 Y	CEH V10, ESCA
9.	Devkaran Singh Rathore	4.40 Y	3.10 Y	CEH, ISO 27001
10.	Kiran Koli	2.20 Y	5 Y	CEH V9, CCNA, CISM
11.	Subhasmita Panigrahi	1.50 Y	2 Y	CEH V10
12.	Priyatosh Jena	1.50 Y	2 Y	CEH V10
13.	Vikash Kumar	3.20 Y	4.5 Y	CEH V10
14.	Anisha Sundaray	2.30 Y	2.30 Y	CEH V10
15.	Deepika Pradhan	2.20 Y	2.70 Y	CEH V10, ESCA
16.	Binay Kumar Nayak	2.30 Y	2.70 Y	CEH V10
17.	Mrutyunjay Sahoo	8.6 Y	8.70 Y	ISO 27001
18.	Ankit Sharma	5.90 Y	5.90 Y	CEH, ISO, CISA, SANS 504 GCIH, ECSA

S. No.	Name of Employee	Duration with SecurEyes	Experience in Information Security	Qualifications related to Information security
19.	Vikrant Singh	2.10 Y	4.10 Y	CEH V10
20.	Sidhant Maharathy	2.90 Y	2.90 Y	CEH V10
21.	Prajna S K	4.4 Y	4.6 Y	IS027001, CEH
22.	Abinash Panda	4.4 Y	4.4 Y	IS027001, CEH, ECSA
23.	Sajjan Ray	4.70 Y	4.90 Y	RHCSA,CEH MASTER
24.	Mahesh Tallapaneni	2.30 Y	5,30 Y	CEH V10,CISM
25.	Bineetha Yadlapalli	0.6 Y	2.80 Y	CEH V11
26.	Namrata Mohanty	5.9 Y	5.9 Y	CEH, ISO 27001, CISA
27.	Deepika Pradhan	2.2 Y	2.7 Y	CEH V.10, ECSA
28.	Suma M Komannavar	4.4 Y	4.6 Y	IS027001, CEH
29.	Takkolu Suma Reddy	4.4 Y	4.6 Y	IS027001, CEH
30.	Ujal Mohan Ray	5.9 Y	10 Y	CEH, ISO 27001

8. Specify Largest Project handled in terms of scope (in terms of volume, complexity, locations etc.) along with project value.

The largest project handled in last year, was an end-to-end Information security, business continuity management & data privacy review for a large financial sector organization. The details of the project are mentioned below:

**Project Scope:**

1. Current State Assessment against Cyber Security, Business Continuity & Best Practices in the Data Privacy (including GDPR) including
  - a) Cyber Security Governance review both at the design and the implementation levels
  - b) Review of the Cyber Security Competency levels of the IT, IS & Business Continuity, Data Governance departments
  - c) InternalNetwork Penetration Testing (Blackbox) ofIPs
  - d) External Penetration Testing (Blackbox) of all Public IP addresses belonging to the Organization
  - e) Config Review of N/W Components
  - f) Config Review of Servers (OS, DB, Web & App Servers)
  - g) Config Review of Security Appliances
  - h) Remote Connectivity Review
  - i) Application Penetration Testing (Grey Box) of Applications
  - j) Review of the SOC practice including SOC Governance, Implementation & Operation
  - k) Review of Incident Management practice including IM Governance, Implementation & Operation
  - l) Conducting Social Engineering Test using spear phishing technique across Staff
2. Developing the Roadmap for the Highest Cyber Security Maturity Level
3. Multiple Periodic Re-assessments& Reviews for assessing current state
4. Red Teaming
5. Data Privacy Assessment
6. Business Continuity Assessment
7. Drafting of the Data Privacy Framework

**Project Complexity:**

This was a project for a financial sector organization having a large IT setup. The project covers a detailed assessment of technology, processes and people components for this critical sector

organization. Large number of applications, infrastructure systems and networks were in the scope of the security assessment. The assessment included review of third-party interfaces which were implemented to enable business across multiple interested parties. The project required the assessment team to perform its review against local and international best practices, compliance requirements and regulatory standards. This was an approximately 35-man month project with the team carrying out assessments across locations.

**Locations:**

Middle-East

**Project Value:**

Rs. ~3.0 Crores

9. List of Information Security Audit Tools used (commercial/ freeware/proprietary):

**i. Commercial Tools**

1. Nessus (Commercial Professional Version)
2. Burp Suite Professional
3. Fortify
4. WebInspect
5. Nexpose
6. And many more licensed or subscription based commercial tools

**ii. Freeware Tools**

1. Google Search
  2. SamSpade
  3. Tcp traceroute
  4. Nmap
  5. Sparta
  6. hping2
  7. Protos
  8. XProbe
  9. P0f
  10. Nmap-cronos
  11. Httpprint
  12. Smtpscan
  13. SinFP
  14. Metasploit Framework
  15. Nikto
  16. Cain & Cable
  17. SQL Map
- .... And many other open source tools

**iii. Proprietary Tools**

1. SecurEyes Centralized Vulnerability Management System
2. SecurEyes Advance Social Engineering Test System
3. SecurEyes Advanced Penetration Testing Toolkit
4. SeInfo\_Grabber  
(Tool used for application security reconnaissance)
5. SEWindowsXP\_VA  
(Tool for VA of windows XP)
6. SEWindows2003\_VA  
(Tool for VA of windows 2003)

7. SEWindows2008\_VA  
(Tool for VA of windows 2008)
8. SEWindows7\_VA  
(Tool for VA of windows 7)
9. SERedHat\_VA  
(Tool for VA of RedHat Linux)
10. SEAIX\_VA  
(Tool for VA of AIX)
11. SESolaris\_VA  
(Tool for VA of Solaris)
12. SEDB\_VA  
(Tool for VA of MS-SQL, MySQL, Oracle, PostGRE SQL)
13. SENW\_VA  
(Tool used for VA of network devices including switches, routers, Firewalls)

10. Outsourcing of Project to External Information Security Auditors / Experts : **No**

( If yes, kindly provide oversight arrangement (MoU, contract etc.))

11. Whether organization has any Foreign Tie-Ups? If yes, give details : **No**

12. Whether organization is a subsidiary of any foreign based organization? : **No**  
If yes, give details

13. Locations of Overseas Headquarters/Offices, if any : **Yes**

**SecurEyes FZC**

SAIF Plus, R5-05/C, P.O Box: 122708,  
Sharjah, United Arab Emirates

**SecurEyes LLC**

Desk No. 023, Business Centre, Abu Dhabi Airports Free Zone, PO Box: 2313,  
Abu Dhabi, United Arab Emirates

**SecurEyes KSA**

3321, Al Sulaimaniyah Dist. Al Safwah Centre, Unit No. 28  
Riyadh, 12223-7656, KSA

**SecurEyes INC**

310, Alder Road, P.O.Box: 841,  
Dover, DE – 19904, USA

\*Information as provided by **M/s. SecurEyes Techno Services Pvt.Ltd.** on **24 August 2021**

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**Snapshot of skills and competence of CERT-In empanelled  
Information Security Auditing Organisation**

**M/s Security Brigade InfoSec Pvt. Ltd.**

1. Name & location of the empanelled Information Security Auditing Organization :

**Security Brigade InfoSec Pvt. Ltd.  
3<sup>rd</sup> Floor, Kohinoor Estate, Lower Parel, Mumbai - 400013**

2. Carrying out Information Security Audits since : **2006**

3. Capability to audit , category wise (add more if required)

- Network security audit
- Web-application security audit
- Wireless security audit
- Compliance audits (ISO 27001, IEC 62443, IEC 27019, PCI, etc.)
- Finance Sector Audits (Swift,ATMs, API, Payment Gateway etc.)
- ICS/OT Audits
- Cloud security Audits
- Red Team Assessment
- Web Application Penetration Testing
- Mobile Application Penetration Testing
- Network Penetration Testing
- Network Vulnerability Assessment
- Web Application Automated Vulnerability Assessment
- WAP Application Penetration Testing
- Thick Client Penetration Testing
- Firewall Configuration Review
- Wireless Penetration Testing
- Server Configuration Review
- Database Configuration Review
- Source Code Review
- Email Configuration Review
- Network Architecture Review
- Process and Policy Review
- Incident Response
- Spear Phishing Activity
- Data Leakage Gap Analysis
- Defacement Monitoring
- Forensics Investigation & Analysis
- Application Malware Scan
- Network Malware Scan
- SAR

4. Information Security Audits carried out in last 12 Months:

Govt.: **30+**  
PSU: **200+**  
Private: **150+**  
Total Nos. of Information Security Audits done: **50+**

5. Number of audits in last 12 months, category-wise (**Organization can add categories based on project handled by them**)

Network security audit: **200+**  
Web-application security audit: **300+**  
Wireless security audit: **20+**  
Compliance audits (ISO 27001, IEC 62443, IEC 27019, PCI, etc.): **20+**  
Finance Sector Audits (Swift,ATMs, API, Payment Gateway etc.): **40+**  
ICS/OT Audits: **10+**  
Cloud security Audits: **15+**

6. Technical manpower deployed for information security audits:

CISSPs: -  
BS7799 / ISO27001 LAs: -  
CISAs: -  
DISAs / ISAs: -  
Any other information security qualification: **12**  
Total Nos. of Technical Personnel: **14**

7. Details of technical manpower deployed for information security audits in Government and Critical sector organizations (attach Annexure if required)

S. No.	Name of Employee	Duration with <b>&lt;organization&gt;</b>	Experience in Information Security	Qualifications related to Information security
1	Yash Kadakia	Oct 2016	21 years	ECPPT
2	Chintan Joshi	Sept 2010	12 years	ECPPT
3	Abhishek Gupta	Nov 12, 2018	2.7 years	CEH certified, ECPPT
4	Aditya Patil	Mar 11, 2019	2.3 years	VIVA Tech certification, Python and Mysql certification, national conference on role of engineers seminar certification, ECPPT
5	Akshay Dandekar	Feb 03, 2020	1.4 years	CEH certified, MSC IT certified
6	Ishan Patil	July 16, 2018	2.11 years	NPTEL Online Certification
7	Kartik Badge	Mar 04, 2021	1 year	-
8	Nikhil Raut	Feb 01, 2021	1 year	ECPPT
9	Pranav Kumar	July 1, 2020	3 years	ECPPT
10	Ramneek	July 1, 2019	2 years	ECPPT
11	Samuel Valmiki	Feb 1, 2021	1 year	ECPPT
12	Siddarth Gowrishankar	Dec 20, 2017	3.6 years	CEH certified, ECPPT
13	Sonali Singh	Dec 1, 2020	1 year	-
14	Sourav Kalal	May 4, 2020	1.1 years	-

8. Specify Largest Project handled in terms of scope (in terms of volume, complexity, locations etc.) along with project value.

**Quarterly Red Team Assessment for multiple locations, Web application PT, Network PT, Source Code Review, Compliance Reviews for a Major Service Provider in India**

9. List of Information Security Audit Tools used (commercial/ freeware/proprietary):

Information Gathering

- Bile-Suite
- Cisco torch
- SpiderFoot
- W3af
- Maltego
- SEAT
- In-House sdFinder
- ... and 50 other tools

Port Scanning

- Nmap
- In-House networkMapper
- Amap
- Foundstone
- hPing
- ... and 30 other tools

Application Security Assessment

- In-House webSpider
- In-House webDiscovery
- In-House webTester
- Achilles

- Sandcat
- Pixy
- W3af
- Nikto
- Paros
- ... and 100 other tools

#### Threat Profiling & Risk Identification

- In-House Risk Assessment
- ... and 5 other tools

#### Network & System Vulnerability Assessment

- Metasploit
- Nessus
- SAINT
- Inguma
- SARA
- Nipper
- GFI
- Safety-Lab
- Firecat
- Owasp CLASP
- Themis
- In-house VAFramework
- ... and 30 other tools

#### Exploitation

- Saint
- SQL Ninja
- SQL Map
- Inguma
- Metasploit
- ... and 100 other tools

#### Social Engineering

- Social-Engineering Toolkit (SET)
- Firecat
- People Search
- ... and 10 other tools

#### Privilege Escalation

- Cain & Abel
- OphCrack
- Fgdup
- Nipper
- Medusa
- Lynix
- Hydra
- ... and 40 others

#### Commercial Tools

- Nessus Commercial
- Burp Suite

10. Outsourcing of Project to External Information Security Auditors / Experts : No  
( If yes, kindly provide oversight arrangement (MoU, contract etc.))
11. Whether organization has any Foreign Tie-Ups? If yes, give details : No
12. Whether organization is a subsidiary of any foreign based organization? : No  
If yes, give details
13. Locations of Overseas Headquarters/Offices, if any : No

\*Information as provided by **Security Brigade InfoSec Pvt. Ltd.** on **01/07/2021**

**Snapshot of skills and competence of CERT-In empanelled  
Information Security Auditing Organisation**

**M/s TAC InfoSec Private Limited**

1. Name & location of the empanelled Information Security Auditing Organization :

**TAC InfoSec Private Limited**

2. Carrying out Information Security Audits since : **2013**

3. Capability to audit , category wise

- Network security audit: **Yes**
- Web-application VAPT: **Yes**
- Wireless security audit: **Yes**
- Compliance audits (ISO 27001, PCI, etc.) : **Yes**
- Source Code Review: **Yes**
- Red Teaming: **Yes**
- Mobile application security audit: **Yes**
- Social Engineering: **Yes**
- Vulnerability Assessment: **Yes**

4. Information Security Audits carried out in last 12 Months :

Govt. : **50+>**  
 PSU : **10**  
 Private : **1000+**  
 Total Nos. of Information Security Audits done : **1000+**

5. Number of audits in last 12 months , category-wise

Network security audit : **100+**  
 Web-application security audit : **1000+**  
 Wireless security audit : **50+**  
 Compliance audits (ISO 27001, PCI, etc.) : **5+**  
 Mobile Application Security Audit : **500+**

6. Technical manpower deployed for information security audits :

**CISSPs** : **1**  
**BS7799 / ISO27001 LAs** : **2**  
**CISAs** : **0**  
**DISAs / ISAs** : **0**  
**CSSP** : **1+**  
**CSSA** : **1+**  
**CEH** : **10+**  
**Any other information security qualification** : **10+**  
  
**Total Nos. of Technical Personnel** : **20+**

7. Details of technical manpower deployed for information security audits in Government and Critical sector organizations (attach Annexure if required)

S. No.	Name of Employee	Duration with <b>&lt;organization&gt;</b>	Experience in Information Security	Qualifications related to Information security
1.	<b>Akash Joshi</b>	<b>4+</b>	<b>5+</b>	<b>ECSA, CHFI, ISO 27001 LA, CEH, MSC (Cyber Security)</b>
2.	<b>Rohit Thakur</b>	<b>1</b>	<b>4+</b>	<b>CEH</b>
3.	<b>Raja Nagori</b>	<b>1</b>	<b>4+</b>	<b>CEH</b>
4.	<b>Ajay Shrimali</b>	<b>2+</b>	<b>2+</b>	<b>CEH</b>
		<b>4.5+</b>	<b>4.5+</b>	<b>B-Tech (Information</b>



5.	<b>Saransh Rawat</b>			<b>Technology) CEH</b>
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8. Specify Largest Project handled in terms of scope (in terms of volume, complexity, locations etc.) along with project value.

One of the largest BFSI: 200+ Mobile Applications, 100+ Web Applications, 200+ Network Devices, Source Code Review, Configuration Review, and Risk Advisory.  
Value of the Project was approx 90 Lacs.

9. List of Information Security Audit Tools used( commercial/ freeware/proprietary):

- 1.) Acunetix Consultant Edition (Commercial)
- 2.) Burp Suite Pro (Commercial)
- 3.) Dirbuster (Open Source)
- 4.) Nikto (Open Source)
- 5.) OWASP ZAP Proxy

Network VAPT:

- 1.) Nessus Vulnerability Scanner
- 2.) Wireshark
- 3.) Cain & Abel
- 4.) Metasploit
- 5.) smbclient
- 6.) snmpenum
- 7.) enum4linux
- 8.) netcat
- 9.) nslookup
- 10.) Exploit codes from exploit.db
- 11.) Other Kali OS tools as per the vulnerability

#### **Configuration Review (OS & Devices):**

- 1.) Nessus
- 2.) Nipper freeware
- 3.) Manual review

#### **Wireless Penetration Testing:**

- 1.) Atheros wifi card
- 2.) Aircrack-ng
- 3.) Wapiti
- 4.) Wifi - Pineapple

#### **Red-Team:**

- 1.) Malicious USB
- 2.) TAC PhishInfilder (TAC's tool)
- 3.) Payloads (Self-Created)
- 4.) Other tools in kali OS.

10. Outsourcing of Project to External Information Security Auditors / Experts : No  
( If yes, kindly provide oversight arrangement (MoU, contract etc.))
11. Whether organization has any Foreign Tie-Ups? If yes, give details : No
12. Whether organization is a subsidiary of any foreign based organization? : No  
If yes, give details
13. Locations of Overseas Headquarters/Offices, if any : No

\*Information as provided by **TAC InfoSec Private Limited** on **30/06/2021**

**Snapshot of skills and competence of CERT-In empanelled  
Information Security Auditing Organisation**

**M/s TATA Communications Ltd**

1. Name & location of the empanelled Information Security Auditing Organization:

**TATA Communications Ltd,  
5th Next Gen Tower New IDC Building, Ho Chi Minh Marg, opp.  
Savitri Cinema, Greater Kailash, New Delhi- 110048**

2. Carrying out Information Security Audits since : **2008**

3. Capability to audit , category wise (add more if required)

- Cyber Security Maturity Assessment (Y)
- Compliance audits (ISO 27001, PCI, etc.) (Y)
- Network security Audit (Y)
- Vulnerability Assessment and Management (Y)
- Penetration Testing (Infra/App) (Y)
- Web-application security audit (Y)
- Mobile Application security assessment (Y)
- Phishing Simulation Exercise (Y)
- Regulatory Audit/Assessment (Y)
- Wireless security audit (Y)
- Red Team Assessment (Y)

4. Information Security Audits carried out in last 12 Months :

Govt.	:	<b>10</b>
PSU	:	<b>20</b>
Private	:	<b>50</b>
Total Nos. of Information Security Audits done	:	<b>80+</b>

5. Number of audits in last 12 months, category-wise (**Organization can add categories based on project handled by them**)

• Network security audit	:	<b>15</b>
• Vulnerability Assessment	:	<b>75</b>
• External Penetration Testing	:	<b>50</b>
• Web and Mobile application security audit	:	<b>50</b>
• Wireless security audit	:	<b>10</b>
• Compliance audits (ISO 27001, PCI, etc.)	:	<b>20</b>
• Red Teaming Assessment	:	<b>2</b>
• Phishing Simulation Exercise	:	<b>4</b>

6. Technical manpower deployed for information security audits :

CISSPs	:	<b>10</b>
BS7799 / ISO27001 LAs	:	<b>20</b>
CISAs	:	<b>8</b>
Any other information security qualification (CEH, ECSA, Pentester Academy, CREST)	:	<b>15</b>
Total Nos. of Technical Personnel	:	<b>300+</b>

7. Details of technical manpower deployed for information security audits in Government and Critical sector organizations (attach Annexure if required)

S. No.	Name of Employee	Duration with Tata Communications	Experience in Information Security	Qualifications related to Information security
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1	Mohan Dass <mohan.dass@tatacommunications.com>	12	23	CEH, ECSA, CHFI, CCSK, CISSP, QGCS
2	Rajaguru G S <rajaguru.gs@tatacommunications.com>	12	14	CEH, ITIL,QCS, ISO 27701 LA
3	Janardan Shinde <janardan.shinde@tatacommunications.com>	10	1.5	CCNA ,OSCP,ITIL,CISA
4	Saranya Manoharan <saranya.manoharan@tatacommunications.com>	3	9	OSCP (Offensive Security) , CREST Practitioner Security Analyst (CPSA), CEH (Certified Ethical Hacker), Qualys Guard certified specialist
5	Prasath Jayasundar <Prasath.Jayasundar@tatacommunications.com>	3	8	CREST Practitioner Security Analyst (CPSA), CEH, Qualys Guard certified specialist in Vulnerability Management, CCSK
6	Divya Dilli <divya.dilli@tatacommunications.com>	3	6	CEH, Qualys Guard certified specialist
7	Navdeep Sethi <navdeep.sethi@tatacommunications.com>	1	6	CEH, CCNA, Qualys Guard VM Certified
8	Nissmole Srmbikal <nissmole.srmbikal@tatacommunications.com>	2	5.5	CEH , ECSA

8. Specify Largest Project handled in terms of scope (in terms of volume, complexity, locations etc.) along with project value.

Application Security audit for one of the largest Rating/Research organisation in India, covering Security Audit for all their critical business applications and infrastructure across global locations. Deal value is around INR 50Lakh.

Security Assessments including the Infrastructure Vulnerability assessment, Penetration testing, Application Security testing, web application monitoring and GRC implementation for one of the largest PSU Banks in India to manage their complete security area of the organisation, deal value including all security services is around INR 2Cr.

9. List of Information Security Audit Tools used(commercial/ freeware/proprietary):

- Nessus Pro
- Qualysguard (VMDR)
- Tenable.sc , Tenable.io
- Metasploit Pro
- Burpsuite Pro
- NMAP
- Kali Linux
- Nipper Studio
- Algosec

10. Outsourcing of Project to External Information Security Auditors / Experts : No  
( If yes, kindly provide oversight arrangement (MoU, contract etc.))

11. Whether organization has any Foreign Tie-Ups? If yes, give details : No
12. Whether organization is a subsidiary of any foreign based organization?  
If yes, give details : No
13. Locations of Overseas Headquarters/Offices, if any : Yes

Dubai Office

- Office No. 308, Building No. 12, Dubai Internet City, Dubai, United Arab Emirates. Tel: 80033111133

Singapore Office

- 18 Tai Seng Street, 18 Tai Seng, #04-01, Singapore 539775 , Tel +65 6632 6700, Tel: 1800 555 4357

A list of Tata Communications office locations worldwide can be found at  
<https://www.tatacommunications.com/about/offices/>

\*Information as provided by Tata Communications Ltd on 26-Oct-2020

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**Snapshot of skills and competence of CERT-In empanelled  
Information Security Auditing Organisation**

**M/s AKS Information Technology Services Pvt. Ltd.**

1. Name & location of the empanelled Information Security Auditing Organization :

**AKS Information Technology Services Pvt. Ltd.,  
B-21, Sector – 59, Noida (UP) - 201309**

2. Carrying out Information Security Audits since : **2006**

3. Capability to audit, category wise (add more if required)

• Network security audit (Y/N)	YES
• Vulnerability Assessment & Penetration Testing (Y/N)	YES
• Configuration/Hardening review	YES
• Web-application security audit (Y/N)	YES
• Mobile Application Audit (Y/N)	YES
• Thick Client Application Audit	YES
• Wireless security audit (Y/N)	YES
• Implementation & Compliance of Security standards/regulations (ISO 27001, ISO 22301, ISO 20000, ISO 25000, ISO 27701, GDPR, PCI etc.)	YES
• Payment Gateway Audit (Y/N)	YES
• Industrial Control Systems (SCADA, DDCMIS, DCS) Audit (Y/N)	YES
• IT & OT Audit of Power Generation, Power Transmission & Power Distribution	YES
• Telecom Audit (Y/N)	YES
• Information Systems Audit (Y/N)	
• IS Audit of Bank as per RBI Gopalakrishna Committee Report, SEBI guidelines	YES
• Compliance audit as per Government Guidelines (IT Act, CVC, RBI, SEBI etc.) (Y/N)	YES
• IT Risk Assessment (Y/N)	YES
• Formulation of IT policies & Procedures (Y/N)	YES
• Formulation/Review of Cyber Crisis Management Plan (CCMP)	YES
• Data Migration Audit (Y/N)	YES
• UIDAI AUA/KUA Audit (Y/N)	YES
• ERP Audit (SAP, Oracle etc) (Y/N)	YES
• Source Code Review (Y/N)	YES
• Load Testing/Performance Testing (Y/N)	YES
• Functional Testing (Y/N)	YES
• Usability Testing (Y/N)	YES
• Portability Testing (Y/N)	YES
• Inter-operability Testing (Y/N)	YES
• Accessibility Testing (Y/N)	YES
• Configuration & Compatibility Testing (Y/N)	YES
• Red Teaming Assessment	YES
• DDoS Assessment	YES
• IoT Audit	YES
• Social Engineering	YES
• SOC 1 Type 2 Audit (SSAE18 & ISAE3402)	YES
• Cloud Security Audits	YES
• Data Localization Audits	YES
• Scalability and Resiliency Audit	YES
• Malware Analysis	YES
• Compliance of Cyber Security Assessment Framework (CSAF)	YES
• Digital Forensics Investigation (Mobile Forensics, Computer Forensics, Audio/Video Forensics, Network Forensics, CDR Analysis, Email Forensics etc.) (Y/N)	YES

4. Information Security Audits carried out in last 12 Months :

Govt:	700+
PSU:	100+
United Nations/UNDP/WHO	5+
Private:	300+
Total Nos. of Information Security Audits done:	1100+

5. Number of audits in last 12 months , category-wise

• Network security audit	100+
• Vulnerability Assessment & Penetration Testing	100+
• Web-application security audit	800+
• Mobile Application Audit	100+
• Wireless security audit	10+
• Implementation & Compliance of Security standards/regulations (ISO 27001, ISO 22301, ISO 20000, ISO 25000, ISO 27701, GDPR,PCI etc.)	10+
• Payment Gateway Audit	20+
• Industrial Control Systems (SCADA, DDCMIS, DCS) Audit	30+
• IT & OT Audit (Power Generation, Power Transmission & Power Distribution)	30+
• Telecom Audit	5+
• Information Systems Audit	30+
• IS Audit of Bank as per RBI Gopalakrishna Committee Report& SEBI guidelines	20+
• Compliance audit as per Government Guidelines (IT Act, CVC, RBI, SEBI etc.)	10+
• IT Risk Assessment	10+
• Formulation of IT policies & Procedures	10+
• Data Migration Audit	5+
• UIDAI AUA/KUA Audit	10+
• ERP Audit (SAP, Oracle etc)	5+
• Source Code Review	10+
• Load Testing/Performance Testing	10+
• Functional Testing	20+
• Source Code Review	10+

6. Technical manpower deployed for information security audits :

CISSPs :	03
ISO27001:	08
CISAs :	06
DISAs / ISAs :	00
CEH/CCNA/CASP/MBCI/OSCP	60+
Total Nos. of Technical Personnel :	77+

7. Details of technical manpower deployed for information security audits in Government and Critical sector organizations (attach Annexure if required)

S. No.	Name of Employee	Working with AKS IT since	Experience in Information Security (Yrs)	Qualifications related to Information security
1.	Ashish Kumar Saxena	Sep 2006	21+	CISSP, CISA, MBCI, ISO 27001
2.	Anil Malik	Feb 2016	17+	BS 7799 LA, ISO 27001 & ISO 20000
3.	Anshul Saxena	Nov 2014	11+	MS (Information Security), CASP
4.	Ravi Chaubey	May 2013	16+	CEH, CISA, CISSP, ISO 27001 LA
5.	Rajesh Sharma	Oct 2019	10+	CISA, ISO 27001
6.	Anil Kumar	Jun 2021	15+	CISA
7.	Devesh Rawat	Dec 2015	6.0	CEH
8.	Yogendra Singh	May 2016	9+	CEH
9.	Rahul Kumar Singh	Aug 2017	4+	CEH
10.	Rupika Luhach	Feb 2018	4+	CEH

11.	Jyoti Sharma	Oct 2018	3	CEH
12.	Sachin Singh	Apr 2019	2+	CEH
13.	Amit Kumar	Jul 2019	5+	CEH
14.	Vignesh R.G	Jul 2018	3	CEH
15.	Shubham Saxena	July 2019	2+	CEH
16.	Ome Mishra	July 2019	2.0	CEH
17.	Prashant Thakur	July 2019	2.0	CEH
18.	Rupanshi Sharma	Aug 2019	2	CEH
19.	Sahil Verma	Aug 2019	2	CEH
20.	Sachin Sharma	Aug 2019	2	CEH
21.	Ayush Sharma	Jan 2020	2	CEH
22.	Anmol Bagul	Feb 2020	2	CEH
23.	Vaibhav Chavan	Feb 2020	2	CEH
24.	Sandy Sharma	Feb 2020	2	CEH
25.	Mohit Maurya	Aug 2020	2+	CEH
26.	Harshit Prajapat	Sep 2020	1.0	CEH
27.	Adarsh Giri	Jan 2020	2	CEH
28.	Alok Kumar	Jun 2018	5+	CCNA, CEH
29.	Arnav Shukla	Jan 2019	3+	CEH
30.	Aditya Pratap	Jun 2020	1.5	CHFI
31.	Manoj Kumar Singh	Dec 2018	3	CHFI
32.	Lokesh Burlla	Sep 2020	2.0	CASP
33.	Ankit Kumar	Oct 2020	2	CEH
34.	Sumit Jha	Oct 2020	1.0	CEH
35.	Charchit Sharma	Oct 2020	1.0	CEH
36.	Pallavi Roy	Nov 2020	1.0	CEH
37.	Himanshu Kumar	Dec 2020	1.0	CEH
38.	Suraj Gupta	Dec 2020	1.0	CASP
39.	Khushboo Singh	Dec 2020	1.0	CASP
40.	Shubham Kumar	Dec 2020	1.0	CASP

41.	Akash Pandey	Jan 2021	2.0	CASP
42.	Aravind Mulakala	Jan 2021	1.0	CASP
43.	Kunal Tiwari	Mar 2021	3+	CEH
44.	Miftah Siddiqui	Mar 2021	5+	CASP
45.	Y. Hemanth Kumar	Feb 2020	2	CEH
46.	Nitin Sharma	Oct 2019	2+	CASP
47.	Ankita Pal	Apr 2021	2+	CEH
48.	Hitesh Balani	Apr 2021	2+	CEH
49.	Rohit Singh Chauhan	May 2021	4+	CEH
50.	Yash Warrdhan Gautam	Aug 2020	1+	CEH
51.	Jugal Kalal	Sep 2020	1+	CASP
52.	Ashu Jaiswal	Oct 2020	1+	CEH
53.	Ketan Kaushik	Oct 2020	1+	CEH
54.	Robin Verma	Nov 2020	2+	CEH
55.	Akshay Sawant	Nov 2020	2+	CEH
56.	Pranjal Gupta	Feb 2021	1.0	CASP
57.	Jahan Dhandapani	Feb 2021	1.0	CEH
58.	Vikram Kumar	Apr 2021	2+	CCNA
59.	Yash Patil	Apr 2021	1.0	CASP
60.	Piyush Garg	Jun 2016	5+	CASP
61.	Antony Ukken	Jun 2018	3+	CASP
62.	Ankur Upadhyay	Jun 2018	3+	CASP
63.	Arjit Agrawal	July 2015	6+	CASP
64.	Akash Anand Gupta	Jun 2020	4+	CASP
65.	Abhijeet Singh	Aug 2020	1.0	CEH
66.	Tarun Grover	Jun 2019	2+	CASP
67.	Ankit Sharma	Feb 2020	2+	CASP

8. Specify Largest Project handled in terms of scope (in terms of volume, complexity, locations etc.) along with project value.

- Carrying out Cyber Security Audit for one of the National Level Power Sector Project including audit of SCADA system, Project value is approx. 1.3 Crore



- Carried out Infrastructure, Process & Security Audit of one of the competition exams conducted online. Total Number of Nodes were approx. 2,00,000. 31 different cities with 276 locations. Project value was approx. 70 Lakh
- Carried out IT Security Audit, ISO 25000 for one of the International Stock Exchange. Project value was approx. 43 Lakhs.
- Carried out SOC 1 Type 2 Audit (SSAE18 & ISAE3402) of foreign offices of leading bank

9. List of Information Security Audit Tools used (commercial/ freeware/proprietary):

#### **Freeware Tools**

- Nmap, Superscan and Fport - Port Scanners
- Metasploit framework, Netcat, BeEF, Cain & able, Hydra, John the ripper - Penetration Testing & Password cracking
- Process explorer, Sigcheck, Kproccheck - Windows Kernel & malware detection
- Netstumbler, Aircrack-ng suite & Kismet - WLAN Auditing
- OpenVas, W3af, Nikto - Vulnerability scanner
- Wireshark - Packet Analyser

#### **Commercial Tools**

- Nessus- Vulnerability Scanner
- Burp Suite, Acunetix - Web application auditing
- Immunity Canvas - Penetration Testing
- Passware: Password Cracking
- Manage Engine, Solarwind - Network Performance Testing
- Arbutus Analyzer - Migration Audit & Log Analysis
- Social Engineering ToolKit - Internet Evidence Finder
- Forensics Imaging and Analysis: FTK and Tableau, Paraben E3:DS
- Data Recovery Tool: E4SeUS Recovery Wizard
- CDR Analysis Tool: ASI CDR & Tower Dump Analysis Tool
- Video Forensics: Kinesense LE
- Mobile Forensics: MobilEdit, UFED4PC
- Proprietary Tools - ISA Log Analyzer, HaltDoS Web Application Firewall (WAF), HaltDoS Traffic inspector

10. Outsourcing of Project to External Information Security Auditors / Experts ( If yes, kindly provide oversight arrangement (MoU, contract etc.)) : No
11. Whether organization has any Foreign Tie-Ups? If yes, give details : No
12. Whether organization is a subsidiary of any foreign based organization? If yes, give details : No
13. Locations of Overseas Headquarters/Offices, if any : No

\*Information as provided by AKS Information Technology Services Pvt. Ltd. on 01<sup>st</sup> July 2021

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**Snapshot of skills and competence of CERT-In empanelled  
Information Security Auditing Organisation**

**M/s ALLIED BOSTON CONSULTANTS INDIA PVT. LTD.**

1. Name & location of the empanelled Information Security Auditing Organization:

**ALLIED BOSTON CONSULTANTS INDIA PVT. LTD.  
DELHI/NOIDA, BANGALORE, HYDERABAD, CHENNAI, KOLKATA, PUNE,  
MUMBAI**

2. Carrying out Information Security Audits since : **2006**

3. Capability to audit, category wise (add more if required)

- Network security audit (Y/N) : **YES**
- Web-application security audit (Y/N) : **YES**
- Mobile application security audit (Y/N) : **YES**
- Wireless security audit (Y/N) : **YES**
- IT Infra Devices Configuration audit (Y/N) : **YES**
- Compliance audits (ISO 27001, IEC 62443, IEC 27019, PCI, etc.) (Y/N) : **YES**
- Finance Sector Audits (Swift,ATMs, API, Payment Gateway etc.) (Y/N) : **YES**
- ICS/OT Audits (Y/N) : **YES**
- Cloud security Audits (Y/N) : **YES**
- Cyber Forensic (Y/N) : **YES**

4. Information Security Audits carried out in last 12 Months :

Govt.	:	<b>34</b>
PSU	:	<b>10</b>
Private	:	<b>28</b>
Total Nos. of Information Security Audits done	:	<b>72</b>

5. Number of audits in last 12 months, category-wise (**Organization can add categories based on project handled by them**)

Network security audit	:	<b>10</b>
Web-application security audit	:	<b>86</b>
Mobile security audit	:	<b>12</b>
Server-side audits	:	<b>02</b>
Source Code Reviews	:	<b>02</b>
Database Functionality Test	:	<b>01</b>
Compliance audits (ISO 27001, IEC 62443, IEC 27019, PCI, etc.)	:	<b>01</b>
Finance Sector Audits (Swift,ATMs, API, Payment Gateway etc.)	:	<b>04</b>
ICS/OT Audits	:	<b>01</b>
Cyber Forensic audit	:	<b>01</b>

6. Technical manpower deployed for information security audits :

CISSPs	:	<b>01</b>
BS7799 / ISO27001 LAs	:	<b>10</b>
CISAs	:	<b>04</b>
DISAs / ISAs	:	<b>00</b>
Any other information security qualification:		
• CEH / ECSA / OSCP	:	<b>09</b>
• CHFI	:	<b>02</b>
• CISM	:	<b>02</b>
• CCP / CCNA / ICSI	:	<b>03</b>
Total Nos. of Technical Personnel	:	<b>19</b>

7. Details of technical manpower deployed for information security audits in Government and Critical sector organizations (attach Annexure if required)

S. No.	Name of Employee	Duration with <b>&lt;organization&gt;</b>	Experience in Information Security	Qualifications related to Information security
1	T. Ganguly	17 years	30 years	ISO 27001
2	Arun Mathur	2 years	30 years	CISA, ISO 27001
3	Satish G. Meda	5.5 years	28 years	CISA, ISO 27001, CRISC
4	Yatindra Shrivastava	7 years	27 years	ISO 27001, CRISC, ISO 31000 risk management
5	S.K. Thilakan	2 year	24 years	MCSE, Dipl. Electronics & Telecommunications
6	Chandrakesh Rai	7 months	24 years	CISA, CISSP, CRISC, CISM, ISO 27001
7	Sarat L.	8 months	19 years	CCP, CCNA, CCNA Security, CCSP
8	Ravi V. Reddy	2 years	15 years	Certified Software Test Engineer, Microsoft certified data scientist
9	Kunal S.	8 months	11 years	CHFI, CEH, ISO 27001, AWS & Cybrary certified
10	Rahul Das	1.5years	10 years	ISO 27001, RSA certified, Kaspersky certified, Rapid7 inSightVM certified Administrator
11	Abhishek	6 months	9 years	CEH, ECSA, OSCP, OSWP, CISM, CCSK, Azure Administrator certified
12	Khiladi Bayal	1.5years	8 years	OCSP, CEH, ISO 27001
13	G. Baba	3 months	7 years	CEH, CHFI, CEI
14	Sahil	8 months	6.5 years	CEH, CSA, LPT, CPEH, ISO27001, Red Teaming, AWS certified
15	Avinash Kalal	1.5years	6 years	MCA, CEH
16	Chitranshu Jain	2 years	3 years	CEH, CCNA, TCP-IP
17	Jayant Sharma	3 months	3.5 years	CEH
18	Rakesh S.P.	7 months	3.5 years	CISA, ISO 27001
19	Priyanka Jangid	3 months	7 months	CISEH, CNSS

8. Specify Largest Project handled in terms of scope (in terms of volume, complexity, locations etc.) along with project value.

- A smart city project involving security assessment (VAPT, Configuration audits) of thick-clients, SCADA & other IoT devices, CCTV cameras, boom barriers, web applications, servers, network devices, etc.
- Security audit of web application along with payment gateway for a renowned educational institution of GoI.
- Application VAPT and source code review of critical applications of a small finance bank.
- Software solution security audit and IRDAI compliance for an insurance aggregator company.
- Security audit of applications & payment gateway for a financial institution company into banking and insurance.
- RBI-SAR compliance audit for a banking software solution provider.
- Security audits of IT systems, computer forensic, and applications VAPT for Defense organizations under MoD.
- Application security audits for Government institutions in healthcare sector.
- Application security for central and state government departments such as SSC, CGST & Central Excise offices across India, CSIR, Centre for Smart Governance, National Health Mission.
- Security audit of website, CMS, mobile application (android and iOS) for a software development company working for GoI departments.
- VA / configuration audit of IT infrastructure (servers, UTM/firewall, switch, wireless controller) and PT of UTM/firewall device for a mid-size IT infrastructure company.

9. List of Information Security Audit Tools used( commercial/ freeware/proprietary):

Commercial Tools	Freeware tools	Proprietary tools
<ul style="list-style-type: none"> <li>• Burp Suite professional</li> <li>• Nessus Professional</li> <li>• Rapid7 (Nexpose)</li> <li>• Qualis (On demand)</li> <li>• Acunetix</li> <li>• EnCase</li> <li>• SonarCube</li> </ul>	<ul style="list-style-type: none"> <li>• Kali Linux and applications</li> <li>• OWASP-ZAP</li> <li>• Open Vas</li> <li>• SQLMAP</li> <li>• AirCrack Suite</li> <li>• Zenmap</li> <li>• Vega</li> <li>• Nikto</li> <li>• Wireshark</li> <li>• Metasploit</li> <li>• TestSSL</li> <li>• SSLScan</li> <li>• MobSF</li> <li>• Android Emulator</li> <li>• Hydra</li> <li>• Ubuntu VMs</li> <li>• DirBuster etc.</li> </ul>	<ul style="list-style-type: none"> <li>• Custom developed Scripts for cyber forensic</li> </ul>

10. Outsourcing of Project to External Information Security Auditors / Experts : **NO**  
(If yes, kindly provide oversight arrangement (MoU, contract etc.))

11. Whether organization has any Foreign Tie-Ups? If yes, give details : **NO**

12. Whether organization is a subsidiary of any foreign based organization? : **NO**  
If yes, give details

13. Locations of Overseas Headquarters/Offices, if any : **NO**

\*Information as provided by **Allied Boston Consultants India Pvt. Ltd.** on <02-June-2021>

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**Snapshot of skills and competence of CERT-In empanelled  
Information Security Auditing Organisation**

**M/s Network Intelligence (I) Pvt. Ltd.**

1. Name & location of the empanelled Information Security Auditing Organization:

Network Intelligence (I) Pvt. Ltd.

Registered Office:

204, Ecospace IT Park, Off Old Nagardas Road, Andheri (E),  
Mumbai-400069, Maharashtra, India.

2. Carrying out Information Security Audits since : **2001**

3. Capability to audit, category wise (add more if required)

- **Subcategory: Technical Security Assessments**

- ✓ Network Security: Yes
- ✓ Web Application and Web Services Security: Yes
- ✓ Mobile Application / Thick-Client: Yes
- ✓ Source Code Review: Yes
- ✓ Infrastructure VAPT, PCI ASV Scanning: Yes
- ✓ VOIP and IVR Testing: Yes
- ✓ Configuration Review (Operating Systems, Databases, Network Devices): Yes
- ✓ Configuration Review (Security Solutions such as PIM, DAM, WAF, etc.): Yes
- ✓ Wireless Security Audit: Yes

- **Subcategory: Strategic Assessments**

- ✓ ERP Security (SAP, Oracle): Yes
- ✓ Cloud Security Assessment: Yes
- ✓ Application Security Design Review: Yes
- ✓ Banking Products -SWIFT, Finacle, etc.: Yes
- ✓ DevOps Security: Yes
- ✓ Blockchain Assessment: Yes
- ✓ SDLC Gap Assessment: Yes
- ✓ OT and IoT Security Assessment: Yes
- ✓ ICS Security Assessment: Yes

- **Subcategory: Offensive Assessments**

- ✓ Red Team Assessment: Yes
- ✓ Adversary Simulation: Yes
- ✓ Password Cracking: Yes
- ✓ DDoS Simulation: Yes
- ✓ Bug Bounty Program: Yes
- ✓ Phishing / Spear Phishing: Yes
- ✓ Vishing, Smishing: Yes

- **Subcategory: Advisory and Consulting**

- ✓ Technical Security Audits: Yes
- ✓ Maturity Assessment as per frameworks (C2M2, NIST, etc.): Yes
- ✓ War Game Assessment: Yes
- ✓ Remediation Consulting: Yes
- ✓ Data Flow and Data Classification: Yes
- ✓ Awareness Drills: Yes

- **Subcategory: Training**

- ✓ Security Awareness: Yes
- ✓ Customized Cybersecurity Trainings : Yes for all levels i.e beginner, intermediary and advanced

4. Information Security Audits carried out in last 12 Months :

Govt. : **Nil**

PSU : **50+**

Private : **500+**

Total Nos. of Information Security Audits done : 550+

5. Number of audits in last 12 months , category-wise (**Organization can add categories based on project handled by them**)

Network security audit: **100+**

Web-application security audit: **300+**

Wireless security audit: **20+**

Compliance audits (ISO 27001, IEC 62443, IEC 27019, PCI, etc.): **50+**

Finance Sector Audits (Swift,ATMs, API, Payment Gateway etc.): **10+**

ICS/OT Audits: **2+**

Cloud security Audits: **10+**

6. Technical manpower deployed for information security audits :

### Staff Certifications count



Certifications	Count
Certified Ethical Hacker	119
Offensive Security Certified Professional (OSCP)	15
Certified Information Security Consultant (CISC)	131
Certified Information Systems Auditor (CISA) & Certified Information Systems Security Professional (CISSP)	10
Associate Fellow of Business Continuity Institute (AFBCI by The BCI, UK) / Certified Business Continuity Professional (CBCP by DRI International USA)	2
CREST Certified	2
PCI DSS Qualified Security Assessor (QSA)	6
ISO 27001 Lead Auditor / Lead Implementer/ ISO9001 / ISO 14001 / ISO23001 / BS25999 / ITIL / ISO20000 / ISO22301	45
Cyberark/Imperva/QRadar/Arcsight Certified	30
Certified Professional Hacker (CPH) / Certified Professional Forensics Analyst (CPFS)	149

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Total Nos. of Technical Personnel : 400+

7. Details of technical manpower deployed for information security audits in Government and Critical sector organizations (attach Annexure if required)

S. No.	Technical Personnel's Name	Place of Posting	Working with the organization since (month & year)	Information Security related qualifications (CISSP/ISM S LA / CISM/ CISA/ ISA etc., state as applicable)	Total experience in information security related activities (years)	Credentials verified by organization (Yes/No)	Self-signed copy of Passport (if any) (Yes/No)	Specify in Yes/No whether the person will be deployed for government and critical sector audits/projects
1.	Vaibhav SheorajVerma	Pune	July 2015	CISC; CPH; CPFA; OSCP; Certified Red Teaming Expert	6 years	Yes	Yes. Can be submitted if required	Yes

				(CRTE);				
2.	AtulMishrilal Sharma	Pune	September 2015	OSCP	6 Years	Yes	Yes. Can be submitted if required	Yes
3.	ShashankHanumantGosavi	Mumbai	April 2014	OSWP; Azure Fundamentals;	7 Years	Yes	Yes. Can be submitted if required	Yes
4.	Ashutosh Digambar Mahashabde	Mumbai	March 2017	CISSP, CISA, CISM, CRISC, ISO 27001:2013 LA, COBIT5 Foundation, COBIT 2019 Foundation, BS 25999-2 LA, ITIL 4 Foundation, ISO 20000-1:2011 LA, Cloud Security CSA Star Certified Auditor	15 years	Yes	Yes. Can be submitted if required	Yes
5.	Vikas Shrinivas Vedak	Mumbai	January 2018	ISO 27001:2013 LA, ISO 27001:2013 LI, ITIL 4 Foundation	20 years	Yes	Yes. Can be submitted if required	Yes
6.	Vishal Jeetendra Jain	Mumbai	May 2018	CISA, ISO 27001:2013 LA, ISO 27001:2013 , CDPSE	4 years	Yes	Yes. Can be submitted if required	Yes

8. Specify Largest Project handled in terms of scope (in terms of volume, complexity, locations etc.) along with project value.

S.No	Category (Govt./PSU/Private)	Brief Description of Scope of Work	Details of Contact Person at Auditee Organization (Name, email, website URL, Mobile, telephone, fax, etc)	Additional Info.
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1	Private	We are doing Application security assessment and source code review for all Yes bank and group's application. We also manage their SOC.	Yes Bank, Ms. Anuprita Daga, CRO & CISO anuprita.daga@yesbank.in +919324788940	Apart from these, we are regularly conducting RBI audit, UPI Audit, NPCI Audit and other regulatory audits for the bank. We are also conducting third party vendor audit for banks' vendors
2	Private	Application Security Testing Source Code Review Bug Bounty, GRC services	Kotak Bank Mr. Jaypaul Reddy Jaypaul.reddy@kotak.com  +919167930323	We also manage the Incident Response for the bank
3	Private	Providing 24x7 SOC services 3 <sup>rd</sup> Party product Monitoring	HDFC Bank Mr. Sameer Ratolikar, CISO Sameer.Ratolikar@hdfcbank.com +919820303045	We also provide other services incl Third Party Audits

9. List of Information Security Audit Tools used ( commercial/ freeware/proprietary):

Qualys, Nessus, Burpsuite, Fortify, Solar AppScreener etc : Commercial

Firesec, BlueScope : Proprietary

KALI Linux, Metasploit, Cain and Abel, Wireshark, HPing, Microsoft Baseline Security Analyzer (MBSA), Nmap Suite etc : Freeware

10. Outsourcing of Project to External Information Security Auditors / Experts : No  
( If yes, kindly provide oversight arrangement (MoU, contract etc.))

We donot outsource security auditing work to 3<sup>rd</sup> parties.

11. Whether organization has any Foreign Tie-Ups? If yes, give details : Yes

We have partnered with various international security solutions which we are reselling and / or providing support in the region. Some of the 3<sup>rd</sup> party products are:

- IBM QRadar



- HP ArcSight & Fortify
- Qualys
- Tenable Nessus
- Appknox
- Checkmarx
- TripWire
- Cylus
- Cylance
- CyberArk
- TrendMicro

12. Whether organization is a subsidiary of any foreign based organization? : No

We are not a subsidiary / member of any foreign based organization. We have a 22% investment from a US based firm - **CULBRO HELIX INVESTMENTS LLC**, a limited liability company, registered, incorporated and existing under the laws of the State of Delaware, the United States of America, bearing the registration number 83-0538738. Its registered office is at C/o Corporation Trust Center, 1209 Orange Street, Wilmington, New Castle County, Delaware 19801, USA. This is a minority holding. Major share continues to remain with the Indian Directors. The HQ of the Network Intelligence is located in Mumbai

The shareholding patterns is as under :

KK Mookhey – 57%

Culbro Helix – 22%

Karishma Mookhey– 16%

Employee Stock Ownership Plan - 5%

13. Locations of Overseas Headquarters/Offices, if any :

Yes

Listing of our branch offices is given below

**# USA**

Network Intelligence LLC  
16192, Coastal Highway,  
Lewes, Delaware 19958,  
County of Sussex

**# UAE**

Network Intelligence India Pvt Ltd  
803, Blue Bay Tower, Business Bay,  
Dubai, United Arab Emirates

**# Singapore**

Network Intelligence Pte Ltd  
30 Cecil Street  
#19-08 Prudential Tower  
Singapore (049712)

**# Netherland**

Network Intelligence Europe B.V.  
Bezoekadres, Herengracht 420,  
1017BZ Amsterdam

\*Information as provided by **Network Intelligence India Pvt. Ltd.** on **2<sup>nd</sup> July 2021**

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**Snapshot of skills and competence of CERT-In empanelled  
Information Security Auditing Organisation**

**M/s Price water house Coopers Pvt. Ltd. (PwC PL)**

1. Name & location of the empanelled Information Security Auditing

**Price water house Coopers Pvt. Ltd. (PwC PL)**

S No.	Location	Address
1.	Ahmedabad	PricewaterhouseCoopers Pvt Ltd 1701, 17th Floor, Shapath V, Opp. Karnavati Club, S G Highway Ahmedabad, Gujarat 380 051, Telephone: [91] (79) 3091 7000
2.	Bangalore	PricewaterhouseCoopers Pvt Ltd The Millenia, Tower D, # 1 & 2 Murphy Road, Ulsoor Bangalore, Karnataka 560008 Telephone: [91] (80) 4079 4000, 5000, 6000, 7000 Telecopier: [91] (80) 4079 4222
3	Bhopal	PricewaterhouseCoopers Pvt Ltd OB 2, 2nd floor, D B Corporate Park, D B Mall, Arera Hills, M P Nagar, Bhopal, Madhya Pradesh 462011, India Telephone: [91] (755) 676 6202
4	Chennai	PricewaterhouseCoopers Pvt Ltd Prestige Palladium Bayan, 8th floor 129-140, Greams Road, Chennai, Tamil Nadu 600 006 Telephone: [91] (44) 4228 5000 Telecopier: [91] (44) 4228 5100
5	Dehradun	PricewaterhouseCoopers Pvt Ltd Premises No. 11, 2nd Floor, Mak Plaza, Municipal no 75A Rajpur Road, Dehradun, Uttarakhand 248002, India Telephone: [91] (135) 2740729
6	Delhi NCR	PricewaterhouseCoopers Pvt Ltd 7th Floor, Building No.8, Tower-C DLF Cyber City, Gurgaon, Haryana 122002 ; Telephone: [91] (124) 626 6600 ; Telecopier: [91] (124) 626 6500
		PricewaterhouseCoopers Pvt Ltd Building 10, Tower C, DLF Cyber City, Gurgaon, Haryana 122002 , Telephone: [91] (124) 330 6000, Telecopier: [91] (124) 330 6999
		PricewaterhouseCoopers Pvt Ltd Building 8, Tower B, DLF Cyber City, Gurgaon, Haryana 122002 ; Telephone: [91] (124) 462 0000, 306 0000 ; Telecopier: [91] (124) 462 0620
7	Hyderabad	PricewaterhouseCoopers Pvt Ltd Plot no. 77/A, 8-624/A/1 , 3rd Floor , Road No. 10 , Banjara Hills , Hyderabad, Telangana 500 034 Telephone: [91] (40) 4424 6000 Telecopier: [91] (40) 4424 6300
8	Kolkata	PricewaterhouseCoopers Pvt Ltd Plot No Y-14, Block EP, Sector V, Salt Lake Electronics Complex Bidhan Nagar, Kolkata, West Bengal 700 091 Telephone: [91] (33) 2357 9260, 7600 Telecopier: [91] (33) 2357 7496, 7456
		PricewaterhouseCoopers Pvt Ltd, Plot Nos 56 & 57, Block DN- 57, Sector-V, Salt Lake Electronics Complex, Kolkata, West Bengal 700 091 Telephone: [91] (33) 2357 9100, 9101, 4400 1111 Telecopier: [91] (33) 2357 3395, 2754
9	Mumbai	PricewaterhouseCoopers Pvt Ltd, 252 Veer Savarkar Marg, Next to Mayor's Bungalow, Shivaji Park, Dadar Mumbai, Maharashtra 400 028 Telephone: [91] (22) 6669 1000 Telecopier: [91] (22) 6654 7800/7801/7802
		PricewaterhouseCoopers Pvt Ltd, NESCO IT Bld III, 8th Floor, NESCO IT Park, Nescso Complex, Gate No. 3 Western Express Highway , Goregoan East, Mumbai, Maharashtra 400 063 Telephone: [91] (22) 6119 8000 Telecopier: [91] (22) 6119 8799
		PricewaterhouseCoopers Pvt Ltd, PwC House, Plot No. 18 A, Guru Nanak Road (Station Road), Bandra, Mumbai, Maharashtra 400 050 Telephone: [91] (22) 6689 1000

		Telecopier: [91] (22) 6689 1888
<b>10</b>	<b>Pune</b>	PricewaterhouseCoopers Pvt Ltd Tower A - Wing 1, 7th floor Business Bay Airport Road Yerwada, Pune, Maharashtra 411006 Telephone: [91] (20) 4100 4444 Telecopier: [91] (20) 4100 6161
<b>11</b>	<b>Raipur</b>	Unit No 004, 9th Floor, Tower C Commercial Complex, CBD, Sector 21, Naya Raipur Raipur, Chhattisgarh 492002, India Telephone: [91] (771) 242 9100
<b>12</b>	<b>Shimla</b>	PricewaterhouseCoopers Pvt Ltd Eastlin Complex, Near Himurja SDA Commercial Complex Kusumpti, Shimla, Himachal Pradesh 171009, India Telephone: [91] (177) 2971828

2. Carrying out Information Security Audits since : **1992**

3. Capability to audit, category wise (add more if required)

- Network security audit - Yes
- Web-application security audit - Yes
- Wireless security audit - Yes
- Compliance audits - Yes
- Finance Sector Audits (Swift, ATMs, API, Payment Gateway etc.) - Yes
- ICS/OT Audits - Yes
- Cloud security Audits - Yes
- Information security policy review and assessment against best security practices - Yes
- Communications Security Testing - Yes

4. Information Security Audits carried out in last 12 Months :

Govt. : **10+**  
PSU : **10+**  
Private : **200+**  
Total Nos. of Information Security Audits done : **300+**

5. Number of audits in last 12 months , category-wise (**Organization can add categories based on project handled by them**)

Network security audit: **50+**  
Web-application security audit: **30+**  
Wireless security audit: **1**  
Compliance audits: **50+**  
Finance Sector Audits (Swift, ATMs, API, Payment Gateway etc.): **50+**  
ICS/OT Audits: **10**  
Cloud security Audits: **15+**

6. Technical manpower deployed for information security audits :

CISSPs : **10+**  
BS7799 / ISO27001: **100+**  
CISAs : **10+**  
DISAs / ISAs : **1**  
Any other information security qualification: **400+ (OSCP, CEH, CISM, DCPD etc.)**  
Total Nos. of Technical Personnel : **600+**

7. Details of technical manpower deployed for information security audits in Government and Critical sector organizations (attach Annexure if required)

S. No.	Name of Employee	Duration with <b>PwC</b>	Experience in Information Security	Qualifications related to Information security
1.	Rajinder Singh	7+ years	16+ years	<ul style="list-style-type: none"> <li>• CISSP</li> <li>• CIPP/US, CIPP/E, CIPT, FIP</li> <li>• DCPD</li> <li>• CEH</li> <li>• BCCS</li> </ul>

				<ul style="list-style-type: none"> <li>• CISRA</li> <li>• CCNA</li> <li>• ISO31000</li> <li>• ISO27001</li> </ul>
2	Ankit Goel	5+ years	11+ years	<ul style="list-style-type: none"> <li>• OSCP</li> <li>• CEH</li> <li>• OWASP Member</li> </ul>
3	Faiz Haque	7+ years	7+ years	<ul style="list-style-type: none"> <li>• ISO 27001 LA</li> <li>• ISO 22301:2012 LA</li> <li>• BS 10012</li> <li>• DCPD</li> <li>• ISO 27001 LI</li> <li>• TOGAF 9</li> </ul>
4	G Karthik	3+ years	3+ years	<ul style="list-style-type: none"> <li>• OSCP</li> <li>• ISO 9001:2015 LA</li> </ul>
5	Sameer Gupta	4+ years	4+ years	<ul style="list-style-type: none"> <li>• Associate of (ISC)2 towards Certified Information Systems Security Professional (CISSP)</li> <li>• DCPD</li> <li>• ISO 31000</li> <li>• ISO 27001 LA</li> <li>• ISO 27001 LI</li> </ul>

8. Specify Largest Project handled in terms of scope (in terms of volume, complexity, locations etc.) along with project value.

PwC India was engaged by a large PSU organization to provide various cyber security audit services. We perform application, infrastructure security penetration test (ethical hacking), including manual and automated tool techniques to uncover potential security issues.

**Contract Value:** Confidential

9. List of Information Security Audit Tools used ( commercial/ freeware/proprietary):

S No.	Tools	Freeware/ Commercial
1	Nessus Professional	Commercial
2	Acunetix WVS	Commercial
3	HPE Webinspect	Commercial
4	HPE Fortify AWB	Commercial
5	Burp Suite Professional	Commercial
6	Nmap/Zenmap	Freeware
7	Nikto	Freeware
8	Kali Linux and associated tools	Freeware
9	AirCrack-Ng	Freeware
10	MobSF	Freeware
11	Metasploit Framework	Freeware
12	QARK	Freeware
13	Nipper etc.	Freeware

10. Outsourcing of Project to External Information Security Auditors / Experts : **No**  
( If yes, kindly provide oversight arrangement (MoU, contract etc.))

11. Whether organization has any Foreign Tie-Ups? If yes, give details :

PricewaterhouseCoopers Pvt. Ltd. ("PwCPL" or "the Company" hereinafter), a distinct and separate legal entity being incorporated under the Companies Act, 1956, engaged in rendering advisory and consulting services. PwCPL is an Indian member company of this global network and provide advisory and consulting services.

12. Whether organization is a subsidiary of any foreign based organization? :

PricewaterhouseCoopers Pvt. Ltd. ("PwCPL" or "the Company" hereinafter), a distinct and separate legal entity being incorporated under the Companies Act, 1956, engaged in rendering advisory and consulting services. PwCPL is an Indian member company of this global network and provide advisory and consulting services.

13. Locations of Overseas Headquarters/Offices, if any :

**NA**

\*Information as provided by **PricewaterhouseCoopers Pvt. Ltd.** on **2nd July 2021**

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**Snapshot of skills and competence of CERT-In empanelled  
Information Security Auditing Organisation**

**M/s Xiarch Solutions Private Limited**

1. Name & location of the empanelled Information Security Auditing Organization :

**M/s Xiarch Solutions Private Limited,  
352, 2<sup>nd</sup> Floor, Tarun Enclave, Pitampura,  
New Delhi-110034, India  
Ph: 011 - 4551 0033, 9810874431  
Fax 011 - 6617 3033**

2. Carrying out Information Security Audits since : **2008**

3. Capability to audit, category wise (add more if required)

• Network security audit (Y/N)	:	<b><u>Yes</u></b>
• Web-application security audit (Y/N)	:	<b><u>Yes</u></b>
• Wireless security audit (Y/N)	:	<b><u>Yes</u></b>
• Compliance audits (ISO 27001, PCI, etc.) (Y/N)	:	<b><u>Yes</u></b>
• Cyber Forensics investigations	:	<b><u>Yes</u></b>
• API Security Audit	:	<b><u>Yes</u></b>
• Mobile Application Security Audit (iOS, Android)	:	<b><u>Yes</u></b>
• Source Code Review/Audit	:	<b><u>Yes</u></b>
• IS Audit	:	<b><u>Yes</u></b>
• Network Performance Testing	:	<b><u>Yes</u></b>
• SOC 2 Type 1 & Type 2	:	<b><u>Yes</u></b>
• GDPR Compliance	:	<b><u>Yes</u></b>
• Load Testing	:	<b><u>Yes</u></b>
• ISNP Audit	:	<b><u>Yes</u></b>
• Root Cause Analysis	:	<b><u>Yes</u></b>
• AUA/KUA (Aadhaar Audit)	:	<b><u>Yes</u></b>
• AEPS & Aadhaar Pay Micro ATM Audit	:	<b><u>Yes</u></b>
• Email Spear Phishing	:	<b><u>Yes</u></b>
• Compliance Audit (RBI, SEBI, NHB, Stock Exchanges)	:	<b><u>Yes</u></b>
• IT/OT Infrastructure Audit	:	<b><u>Yes</u></b>
• IT General Controls	:	<b><u>Yes</u></b>
• Cloud Security Audit	:	<b><u>Yes</u></b>
• e-Sign Compliance audit	:	<b><u>Yes</u></b>
• Backend Architecture Review	:	<b><u>Yes</u></b>
• Process and Policy Review	:	<b><u>Yes</u></b>
• IoT Security Assessment	:	<b><u>Yes</u></b>
• Red Team Assessment	:	<b><u>Yes</u></b>
• Incident Response	:	<b><u>Yes</u></b>
• Server & Database Configuration Review	:	<b><u>Yes</u></b>
• Thick Client Security Audit	:	<b><u>Yes</u></b>
• Data Localization Audit	:	<b><u>Yes</u></b>
• Networking Device Configuration Audit	:	<b><u>Yes</u></b>
• SCADA Security Audit	:	<b><u>Yes</u></b>

4. Information Security Audits carried out in last 12 Months:

Govt.	:	<b><u>760+</u></b>
PSU	:	<b><u>20+</u></b>
Private	:	<b><u>232+</u></b>
Total Nos. of Information Security Audits done	:	<b><u>1012+</u></b>

5. Number of audits in last 12 months , category-wise (**Organization can add categories based on project handled by them**).

Network security audit	:	<b><u>35+</u></b>
Web-application security audit	:	<b><u>764+</u></b>
Wireless security audit	:	<b><u>10+</u></b>
Compliance audits (ISO 27001, PCI, etc.)	:	<b><u>4+</u></b>
Cyber Forensics investigations	:	<b><u>2+</u></b>
API Security Audit	:	<b><u>25+</u></b>
Mobile Application Security Audit (iOS, Android)	:	<b><u>28+</u></b>

Source Code Audit	:	<b>4+</b>
IS Audit	:	<b>20+</b>
ISNP Audit	:	<b>5</b>
AUA/KUA (Aadhaar Audit)	:	<b>10+</b>
AEPS & Aadhaar Pay Micro ATM Audit	:	<b>19+</b>
Compliance Audit (RBI, SEBI, NHB, Stock Exchanges)	:	<b>10+</b>
IT Infrastructure Audit	:	<b>15+</b>

6. Technical manpower deployed for information security audits :

CISSPs	:	<b>1</b>
BS7799 / ISO27001 Las	:	<b>1</b>
CISAs	:	<b>1</b>
DISAs / ISAs	:	<b>0</b>
Any other information security qualification	:	<b>20</b>
Total Nos. of Technical Personnel	:	<b>25</b>

7. Details of technical manpower deployed for information security audits in Government and Critical sector organizations (attach Annexure if required)

S. No.	Name of Employee	Duration with Xiarch Solutions Pvt. Ltd.	Qualifications related to Information security	Experience in Information Security
1	Utsav Mittal	12 years	CISSP, CEH, MS Infosec Purdue Univ, USA	12+ Years
2	Sandeep Sikka	6.6 years	CISA, ISO 27001:2005: Lead Implementor	25+ years
3	Ashish Chandra	7 years	MCA, CEH, GNIIT	9 years
4	Kritika Mittal	8 years	B-tech (CSE ) , M-tech (CSE with specialization in Information security )	8 Years
5	Kritika Mishra	4.1 years	B.Tech, CEH	4.1 years
6	Shubham Dabre	3.10 years	CEH	3.10 years
7	Abhishek Kataria	3.10 years	B.Tech(Mech), MBA, CEH	3.10 years
8	Md. Tanveer Alam	3.7 years	B.sc Diploma in Software Engineering (Java Specialization),Oracle Database 11g, CEH	3.7 years
9	Vivek Jain	3.6 years	M.Sc(CS&IS), CEH	3.6 years
10	Sanjay Kumar	3.3 years	BE (IT), CEH	5 Years
11	Ajay Kant	3 years	BCA, MCA(Pursuing),CEH	3 years
12	Kamalesh Maity	2.5 years	B-tech, CEH	5.6 Years
13	Sidhant Maithani	2.7 years	BCA, MCA, CEH	2.7 years
14	Shubham Patil	2.3 years	BE- IT, CEH	2.3 years
15	Naman Gupta	2.3 years	BCA(Pursuing), CEH	2.3 years
16	Sushil Kumar Jaiswal	1.8 years	MCA, CEH	3 Year
17	Vipul Chauhan	1.5 years	PGDIS, ACISE, LCSP	1.5 years
18	Sarthak Goyal	1.5 years	B.Tech (Cs), CEH V10, Diploma in Information Security	1.5 years
19	Ajaz Sayed	1.3 years	Diploma, BE(ETRX), CISC, CEHv10	1.3 years
20	Jitender Kumar	1.4 years	Master of Science in Information Technology (Pursuing)	1.4 years
21	Aakash Mishra	2 years	MCA	2 years
22	Nitin Gupta	1 year	B-tech (ECE)	1 year
23	Garima Kalra	8 Months	MCA	8 Months
24	Srikar Sama	3 Months	B-tech (ECE)	3 Months
25	Pratik Shah	2 Months	MCA, CEH, CNSS, NSE 1 and 2	2 Months

8. Specify Largest Project handled in terms of scope (in terms of volume, complexity, locations etc.) along with project value.

S. No	Project	Scope of work	Complexity	Location
1	Petroleum Industry	150 Web Applications, 200 Servers audit, Email Spear Phishing Drill (Internal Employees), Network device Configuration Review, Onsite Training at different locations and Forensics Investigation Activities.	-Web Applications for Black box Testing, -Web Applications for Grey box Testing, -Email Spear Phishing Drill, -Vulnerability Assessment & Penetration Testing of Critical IT Systems including Servers, Databases, Network devices, Security devices etc, -Configuration Review of Network & Security solutions, -Cyber Security Awareness Workshop for End-users, -Forensics / Incident Investigation	Mumbai
2	Project for Government of Gujarat	Approx 660 Websites and web Applications Security Audit	Audit of all websites and web applications (hosted in GSDC and NIC Data Centre).	Gujarat
3	One of the Largest NBFC in India	Managing complete IS and Compliance Services.	Work included Compliance, Vulnerability Assessment Penetration Testing, Web Application Security, Infra Audit, Aadhaar Audit etc	Delhi/NC R
4	SaaS Company	Information Security, Cyber Security Services and Compliance Services	- Application Security Assessment - VAPT - API Security Assessment -Devices Configuration Review/ Audit - Compliance Service -IT Security Roadmap Development and consulting	Delhi/NC R
5	Maharatna Company	SCADA/Industrial Control Systems/ Distributed Control Systems Security Vulnerability Assessment and Penetration Testing.	-SCADA/Industrial Control Systems/Distributed Control Systems Security Vulnerability Assessment and Penetration Testing. -Servers/WorkStation Vulnerability Assessment and Penetration Testing -Firewall and Switches Configuration Review. -Policies and Procedure Review	PAN India
6	India's largest public sector trading body.	Comprehensive IT Security Audit of IT Infrastructure & Systems.	- Different Locations IT Infra VAPT - IS Policy Review	PAN India
7	Industry - Power Market Regulation (Govt. Sector)	Cyber Security Audit of Information Technology System	-Network Architecture Review, -VA & PT (Internal) of Servers, Desktops, -Network & Security Devices and Applications, -Configuration Audit of Servers, -Network Devices & Security Devices, -External Penetration Testing for Public IPs, -Source Code Review	Delhi/NC R



9. List of Information Security Audit Tools used ( commercial/ freeware/proprietary):
- Burp Suite
  - Puma Scan
  - SQL Map
  - Nmap
  - Superscan
  - Kali Linux
  - Metasploit Framework, Netcat , BeEf
  - Wireshark – Packet Analyser
  - Cisco Netwitness
  - Tenable Nessus
  - Rapid7 Nexpose community edition
  - Tamper Data
  - Directory Buster
  - Nikto
  - Ettercap
  - Paros Proxy
  - WebScarab
  - Brutus
  - Encase, FTK, Pro discover etc
  - Custom Scripts and tools
  - OWASP Xenotix
  - Browser Addons
  - Echo Mirage
  - Paros Proxy
  - Fiddler Proxy
  - Angry IP Scanner
  - Nmap
  - Aircrack
  - Kismet
  - WinHex
  - Process Monitor
  - WP-Scanner
  - Accunetix Vulnerability Scanner

10. Outsourcing of Project to External Information Security Auditors / Experts : **No**  
( If yes, kindly provide oversight arrangement (MoU, contract etc.))
11. Whether organization has any Foreign Tie-Ups? If yes, give details : **No**
12. Whether organization is a subsidiary of any foreign based organization? : **No**  
If yes, give details
13. Locations of Overseas Headquarters/Offices, if any : **No**

\*Information as provided by Xiarch Solutions Private Limited on 26/10/2020

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**Snapshot of skills and competence of CERT-In empanelled  
Information Security Auditing Organisation**

**M/s Yoganandh & Ram LLP**

1. Name & location of the empanelled Information Security Auditing Organization :

**Yoganandh & Ram LLP**

G-1, SHREE VISHNU APARTMENTS,  
#12, 12TH CROSS STREET, DHANDEESWARAM NAGAR,  
VELACHERY, CHENNAI – 600 042

2. Carrying out Information Security Audits since : **September-2009**  
**(11 Years – 1 Month)**

3. Capability to audit, category wise (add more if required)

• Network security audit	:	YES
• Web-application security audit	:	YES
• Wireless security audit	:	YES
• IT Security Audit	:	YES
• Data Centre Physical and Environment Security Audit	:	YES
• Internet & Mobile Security Audit	:	YES
• CBS/ERP Application Security Assessment	:	YES
• Information Security Policy Formulation & Assessment	:	YES
• Data Migration Audit	:	YES
• Cyber Forensics & Mail Forensics Analysis	:	YES
• Compliance audits (ISO 27001, PCI, CCA, IRDA, CRA, etc.)	:	YES
• NPA Configuration Review	:	YES
• Swift Infrastructure Audit	:	YES
• AUA/KUA Audit	:	YES
• BCP Policy Formation & Assessment	:	YES
• BCP DR Testing & Implementation	:	YES

4. Information Security Audits carried out in last 12 Months:

Govt.	:	<b>18</b>
PSU	:	<b>06</b>
Private	:	<b>49</b>
Total Nos. of Information Security Audits done	:	<b>73</b>

5. Number of audits in last 12 months , category-wise **(Organization can add categories based on project handled by them).**

Network security audit	:	<b>10</b>
Web-application security audit	:	<b>42</b>
Wireless security audit	:	<b>1</b>
Compliance audits (ISO 27001, PCI, etc.)	:	<b>29</b>
Data Migration Audit	:	<b>1</b>
CBS/ERP Application Security Assessments	:	<b>1</b>
Internet Banking & Mobile Security Audit	:	<b>10</b>
Information Security Policy Formulation & assessment	:	<b>3</b>
AUA/KUA Audit	:	<b>4</b>

6. Technical manpower deployed for information security audits :

CISSPs	:	<b>1</b>
CISAs	:	<b>11</b>
ISO27001 LAs	:	<b>7</b>
BS 10012	:	<b>9</b>
BS25999	:	<b>1</b>
DISAs / ISAs	:	<b>2</b>

**Any other information security qualification:**

1. Certified Ethical Hacker	:	<b>3</b>
2. M.Sc/M.Tech- Cyber Forensics and Information Security:		<b>3</b>
3. PG Diploma in Cyber Law	:	<b>1</b>
4. System Security Certified Practitioner	:	<b>1</b>
5. CloudU	:	<b>1</b>
6. CRisc	:	<b>1</b>
7. CDCP	:	<b>1</b>
8. ECSA	:	<b>1</b>
Total Nos. of Technical Personnel	:	<b>16</b>

7. Details of technical manpower deployed for information security audits in Government and Critical sector organizations (attach Annexure if required) : **As per Annexure-1**

8. Specify Largest Project handled in terms of scope (in terms of volume, complexity, locations etc.) along with project value.

IT Security Audit for one of the leading Bank in India

1. Scope inclusive of

- a. Vulnerability Assessment for over 200 Servers,
- b. Web Application Penetration Testing of Internet & Mobile Banking Applications,
- c. CBS Application Review,
- d. Policy Assessment,
- e. Application security Assessments,
- f. ATM Switch Review,
- g. Physical and Environmental Audit.

2. Value: Over 12 Lakhs

3. No. of Applications: 20+

4. No. of Server: 200+

5. Locations: Chennai, Bangalore

9. List of Information Security Audit Tools used ( commercial/ freeware/proprietary):

- 1. Nessus(Commercial)
- 2. Burpsuite(Commercial)
- 3. Nmap
- 4. Nikto
- 5. Sqlmap
- 6. John the Ripper
- 7. Wireshark
- 8. Hping3
- 9. SNMP Walk
- 10. Metasploit
- 11. W3af
- 12. Netcat
- 13. Pdmp
- 14. THC Hydra
- 15. Acunetix Free Web Application Scanner
- 16. Dirbuster
- 17. ZAP
- 18. PW Dump
- 19. OWASP Xenotix
- 20. SEToolikit
- 21. Aircrack-ng

10. Outsourcing of Project to External Information Security Auditors / Experts : **No**  
( If yes, kindly provide oversight arrangement (MoU, contract etc.))

11. Whether organization has any Foreign Tie-Ups? If yes, give details : **No**

12. Whether organization is a subsidiary of any foreign based organization? : **No**  
If yes, give details

13. Locations of Overseas Headquarters/Offices, if any

: **No**

\*Information as provided by Yoganandh & Ram LLP

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**Annexure-1**

<b>Sl.No</b>	<b>Name of Employee</b>	<b>Duration with organization</b>	<b>Experience in Information Security</b>	<b>Qualifications related to Information security</b>
1.	T Manoj Kumar Jain	14 Years	10 Years	CISA, ISO 27001:2013 Lead Auditor
2.	R Chandrasekhar	10 Years 6 Months	17 Years	CISA, DISA, CISSP, ISO 27001:2013 Lead Auditor, ISO 25999, PG Diploma Cyber Law
3.	T Mariappan	11 Years 2 Months	10 Years	CISA, DISA
4.	Sangeetha N	4 Years 4 months	4 Years 4 Months	CISA, ISO 27001:2013 Lead Auditor
5.	T Chandra Prakash Jain	8 Years 7 Months	8 Years 7 Months	CISA
6.	Pavana Kumar LKG Mushti	6 Years 7 Months	6 Years 7 Months	CISA, ISO 27001:2013 Lead Auditor
7.	Sreevatchan S	4 Years 1 Month	4 Years 1 Month	Certified Ethical Hacker (C EH)
8.	Padmanaban K	3 Years 7 Months	21 Years	CISA, CISM
9.	Krishnan J	3 Years 4 Months	3 Years 4 Months	CISA, , ISO 27001:2013 Lead Auditor
10.	Madhan Prasad	3 Years 5 Months	3 Years 5 Months	M.Tech., M.Sc., Cyber Forensics & Information Security
11.	Prasanna P	8 Years	3 Years	ISO 27001:2013 Lead Auditor
12.	Vasanth K	3 Years 4 Months	3 Years 4 Months	CISA
13.	Selin Raj	2 Years 6 Months	2 Years 6 Months	B.Tech, CEH, M.Sc., Cyber Forensics & Information Security
14.	Srinivasan V V	2 Years 5 Months	2 Years 5 Months	CISA
15.	Sowmya Rajan	2 Years 2 Months	2 Year 2 Months	CISA, ISO 27001:2013 Lead Auditor
16.	Vignesh	1 Year 4 Months	1 Year 4 Months	M.Tech, Certified Ethical Hacker (C EH),

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**Snapshot of skills and competence of CERT-In empanelled  
Information Security Auditing Organisation**

**STQC Directorate, Ministry of Electronics and IT, Govt. of India**

1. Name & location of the empanelled Information Security Auditing Organization :

**STQC-IT  
STQC Directorate,  
Electronics Niketan, 6 C G O Complex,  
Lodhi Road, New Delhi-110003**

2. Carrying out Information Security Audits since : **2020**

3. Capability to audit , category wise (add more if required)

• Network security audit (Y/N)	:	<b>Y</b>
• Web-application security audit (Y/N)	:	<b>Y</b>
• Wireless security audit (Y/N)	:	<b>Y</b>
• Compliance audits (ISO 27001, PCI, etc.) (Y/N)	:	<b>Y</b>

4. Information Security Audits carried out in last 12 Months :

Govt.	:	<b>125</b>
PSU	:	<b>20</b>
Private	:	<b>40</b>
Total Nos. of Information Security Audits done	:	<b>185</b>

5. Number of audits in last 12 months , category-wise (**Organization can add categories based on project handled by them**)

Network security audit	:	<b>75</b>
Web-application security audit	:	<b>200</b>
Wireless security audit	:	<b>0</b>
Compliance audits (ISO 27001, PCI, etc.)	:	<b>25</b>

6. Technical manpower deployed for information security audits :

CISSPs	:	<b>0</b>
BS7799 / ISO27001 LAs	:	<b>14</b>
CISAs	:	<b>&lt;number of&gt;</b>
DISAs / ISAs	:	<b>&lt;number of&gt;</b>
Any other information security qualification	:	<b>&lt;number of&gt;</b>
Total Nos. of Technical Personnel	:	<b>43</b>

7. Details of technical manpower deployed for information security audits in Government and Critical sector organizations (attach Annexure if required)

S. No.	Technical Personnel's Name	Place of Posting	Working with the organization since (month & year)	Total experience in information security related activities (years)	Information Security related qualifications (CISSP/ISMS LA / CISM/ CISA/ ISA etc., state as applicable)
1	Subhendu Das	STQC, Kolkata	30	19	ISMS LA, CEH, CC Validator
2.	Malabika Ghose	STQC, Kolkata	28	19	CEH, ISMS LA, CC Evaluator
3.	Manikanta Das	STQC, Kolkata	31	17	ISMS LA, CEH, CC Evaluator
4.	Arpita Datta	STQC, Kolkata	20	13	CEH, Master Trainer (ISEA Project)
5	Sanjay Kumar	STQC, Kolkata	20	13	CPSSE

	Prusty				(Certified Professional for Secure Software Engineering), Trained in IOT Security
6	Arup Datta	STQC, Kolkata	17	7	CNSM, Trained in IOT Security
7	Subrata Giri	STQC, Kolkata	14	7	CNSM
8	Ratna Bhattacharya	STQC, Kolkata	31	2	Trained in Source Code Review
9	Anurag	STQC, Kolkata	2	2	Trained in Cryptography, IOT security
10	Amrita Som	STQC, Kolkata	5	2	Trained in Reverse Engineering
11	Bony Thomas	ERTL(S),Thiruvananthapuram	February, 1997	4	ISMS LA
12	Praveen PS	ERTL(S),Thiruvananthapuram	March, 2014	5	ISMS LA
13	T.V. Subramanyam	STQC IT Services, Hyderabad	February, 1987	10 years	ISMS LA
14	Satish Kumar	STQC IT Services, Hyderabad	September, 2017	2 Years	
15	G Nagaraju	STQC IT Services, Hyderabad	February, 2018	1 Years	
16	Mohammad AkramSohail	STQC IT Services, Hyderabad	October, 2017	1 Year	
17	ChandraSekhar Yadav	STQC IT Services, Hyderabad	December, 2018	1 Year	
18	Dr. S Velmourougan	STQC, Chennai	1990	20 years	ISMS LA, STQC-CISP, CEH,CRP
19	M Vellaipandi	STQC, Chennai	13/05/1993	15 Years	ISMS LA
20	C Chollanathan	STQC, Chennai	27/07/1992	20 years	
21	V Jambulingam	STQC, Chennai	01/02/1991	20 years	ISMS LA, STQC-CISP,CEH. CRP
22	NandlalJadav	STQC, Chennai	09/2017	2 years	
23	Aditya Kumar Dewangan	STQC, Chennai	24/02/2014	6years	
24	Suresh Chandra	STQC, Delhi	04/04/1990	19 Years	ISMS LA, STQC-CISP,
25	A. K. Upadhyaya	STQC, Delhi	16/08/1991	19 Years	ISMS LA, STQC-CISP,
26	Sanjeev Kumar	STQC, Delhi	16/11/1993	19 Years	ISMS LA, STQC-CISP,
27	M. K. Saxena	STQC, Delhi	04/07/1985	19 Years	ISMS LA, STQC-CISP,
28	Sunil Kumar Yadav	STQC, Delhi	04/04/2014	5 years	
29	Anjali Jain	STQC, Delhi	21/09/2017	2 Years	
30	Swati Gupta	STQC, Delhi	21/09/2017	2 Years	
31	Pinky Bai	STQC, Delhi	18/09/2017	2 Years	
32	CharupriyaBisht	STQC, Delhi	21/09/2017	2 Years	
33	Manish Kumar Selal	STQC, Delhi	19/09/2017	2 Years	

34	Praveen Kumar	STQC, Delhi	12/12/2017	2 Years	
35	Mohammed Danish	STQC, Delhi	26/09/2017	2 Years	
36	Ritu Luthra	STQC, Delhi	21/04/2008	10 Years	
37	Makrand Deshpande	STQC, Mumbai	1986	7 Years	ISMS-LA, ITSM-LA, ISA
38	Sunil Kumar Singh	STQC, Mumbai	2017	2 Years	
39	Dineshh Saini	STQC, Mumbai	2017	2 Years	
40	N SamayaBalan (Deputed from MEITY)	STQC, Mumbai	2018	17 years	
41	S.P.Tharesh Kumar	STQC, Bengaluru	1999	11 years	ISMS-LA
42	Prashant Kumar Varma	STQC, Bengaluru	2017	2 years	
43	Ziaul Hasan	STQC, Bengaluru	2017	2 years	

8. Specify Largest Project handled in terms of scope (in terms of volume, complexity, locations etc.) along with project value.

- Conformity assessment of different eProcurement and auction systems for Coal Auction, OFB eProcurement, Director General of Hydro Carbon, Non-Coal Mining Lease have been completed in time bound manner. The systems are developed by M/S mjunction or M/S MSTC Kolkata or (n)codeGujrat and are being successfully used.
- Security vulnerability assessment for the websites of Govt. of West Bengal, various PSUs, Indian Embassies / High Commissions at different countries like Germany, Romania, Sri Lanka, Tajikistan, Vietnam, United Kingdom and Russia Conducted and certificate issued for 'safe to host'.
- Security evaluation of IT Security Products like Core Routers, Networks POTS/PTN Access Systems, SDH/SONET based Optical Networking Equipment, Telecom Element management, Dos Mitigation Platform etc. based on Common Criteria standards (<https://www.commoncriteria-india.gov.in/product-certified>)
- Security vulnerability assessment of servers and network devices for organization like IRCTC, CRIS, MSRTC, Power Grid Corporation etc. has been completed.
- Security Assessment of different Mobile Apps both on Android and iOS platforms based on OWASP MASVS 1.2

9. List of Information Security Audit Tools used ( commercial/ freeware/proprietary):

**Commercial: Appscan, Acunetix, N-Stalker, Nessus (Professional Feed), Burp Suite, Webspect**

**Freeware: nmap, dirbuster, Paros, SSL Digger, HPing3, WebScarab, SqlMap, BackTrack Suite, Nipper, OpenVAS**

10. Outsourcing of Project to External Information Security Auditors / Experts : Yes/No  
( If yes, kindly provide oversight arrangement (MoU, contract etc.))
11. Whether organization has any Foreign Tie-Ups? If yes, give details : Yes/No
12. Whether organization is a subsidiary of any foreign based organization? : Yes/ No  
If yes, give details
13. Locations of Overseas Headquarters/Offices, if any : Yes/No



\*Information as provided by **STQC IT, Kolkata** on **26<sup>th</sup> October 2020** based on data of last 12 months i.e. from Oct-2019 to Sept-2020

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**Snapshot of skills and competence of CERT-In empanelled  
Information Security Auditing Organisation**

**M/s Protiviti India Member Private Limited**

1. Name & location of the empanelled Information Security Auditing Organization :

**Protiviti India Member Private Limited**

2. Carrying out Information Security Audits since : **2006**

3. Capability to audit , category wise (add more if required)

- Network Security Audit (Y)
- Web-application security audit (Y)
- Wireless security audit (Y)
- Compliance audits (ISO 27001, PCI, etc.) (Y)
- Configuration Review audits (Y)
- Domain & Email exchange audit(Y)
- Cloud security audits (Y)
- Mobile device management solution review(Y)
- Finance Sector Audits (Swift,ATMs, API, Payment Gateway etc.)(Y)
- Source code review audits (Y)
- Mobile application security audit (Y)
- Network and Web application architecture review audit(Y)
- Endpoint security Audits (Y)
- Cyber Forensics(Y)
- Incident response (Y)
- IOT/DCS devices security audit(Y)

4. Information Security Audits carried out in last 12 Months :

Govt. : 2  
PSU : 1  
Private : ~210  
Total Nos. of Information Security Audits done : ~213

5. Number of audits in last 12 months , category-wise **(Organization can add categories based on project handled by them)**

- Network Security Audit : ~41
- Web-application security audit : ~41
- Wireless security audit : 1
- Compliance audits (ISO 27001, PCI, etc.) : ~150
- Configuration Review audits : ~3
- Cloud security audits : ~2
- Mobile device management solution review : ~1
- Finance Sector Audits (Swift,ATMs, API, Payment Gateway etc.) : ~2
- Source code review audits : ~2
- Mobile application security audit : ~1
- Network and Web application architecture review audit : ~1
- Cyber Forensics / Incident Response : ~1

6. Technical manpower deployed for informationsecurity audits :

Certification	Count
ISO 27K LI	19
ISO 22301 LA/LI- BSI LA 25999	8
ISO 20K LA	51
CHFI	4
CEH	25
OSCP	6
CISA	15

<b>CCSA</b>	1
<b>ITIL</b>	13
<b>Prince2 Practitioner</b>	1
<b>CCNA</b>	8
<b>Blockchain Essential</b>	1
<b>CDPSE</b>	1
<b>PCI DSS</b>	2
<b>DCPP</b>	1
<b>AWS Solutions Architect - Associate</b>	2
<b>AWS Security Fundamentals</b>	3
<b>ICSI</b>	4
<b>ECSA</b>	4
<b>OPSEC</b>	2
<b>COBIT 5 Implementer</b>	2
<b>JCHNP</b>	1
<b>ACSE</b>	1
<b>CISM</b>	2
<b>CPISI</b>	1
<b>Beyond Trust</b>	1
<b>One Trust</b>	16
<b>Carbon Black Associate Analyst (EDR)</b>	4
<b>Carbon cloud Black</b>	1
<b>Carbon Black Advanced Analyst</b>	1
<b>Rapid 7 Insight VM</b>	2
<b>CompTIA Security +</b>	3
<b>CNSS</b>	8
<b>Fortinet Network Security Expert</b>	5
<b>Qualys Vulnerability Management</b>	4
<b>Splunk</b>	3
<b>Microsoft Azure Security Certified(AZ-500)</b>	4
<b>API Security Architect</b>	1
<b>SAP</b>	3
<b>CCENT</b>	1
<b>CISEH</b>	1
<b>DSCI Certified Privacy lead Assessor (DCPLA)</b>	2
<b>GDPR Practitioner</b>	3
<b>IBM Agile Explorer</b>	1
<b>RSA Certified Security Professional</b>	1
<b>Cyber Ark</b>	4
<b>CISSP</b>	2

<b>CSA-Cloud security alliance STAR certification</b>	2
<b>ITSM</b>	1
<b>CCSK</b>	1
<b>AML</b>	1
<b>Basell</b>	1
<b>Green Belt</b>	1
<b>Certified Crisis Management Specialist</b>	1
<b>CIAM (Certified Identity and Access Manager)</b>	1
<b>Oracle Certifications</b>	3
<b>Cloud Certifications</b>	4
<b>Total</b>	264

Total Nos. of Technical Personnel : 125+

7. Details of technical manpower deployed for information security audits in Government and Critical sector organizations (attach Annexure if required)

The indicative list is as under:

<b>Sr. No.</b>	<b>Name</b>	<b>Years with Protiviti</b>	<b>Total years of experience</b>	<b>Graduation</b>	<b>Post Graduation</b>	<b>Certifications</b>
1	Abhishek Gautam	1.7	7.7	BE, 2014		CHFI, ISO 27001 LA
2	Amish Kaul	2.2	4	BE CS, 2015	MBA IT, 2019	ISO 27001 LA Beyond trust Certified Secure Password Management
3	Chintamani Gupta	3.9	7	BSc IT	MCA	OneTrust Vendor Management
4	Dhruv Raina	1.7	5.11	B.Tech ECE	PGDM Information security, 2017	CEH V10, Carbon Black Associate Analyst (EDR ), Carbon Black Advanced Analyst
5	Harin Kumar	1.2	6	Btech ,2014	NA	NA

6	Kamlesh Gusian	1.9	9.1	Bsc (Physics, Maths, Statistics), 2011, from HNBGU Uttarakhand	PGDM in Operations Management, 2019, from Welingkar Institute of Management Mumbai	ISO27001 LI ISO 22301 LI Carbon Black Cloud Associate Analyst OneTrust Vendor Risk Management Expert One Trust Privacy Management Professional One Trust GRC Solutions Expert One Trust Targeted Data Discovery Expert Certification ITIL Foundation Certified Network Security Specialist - ICSI AWS Security Fundamentals
7	Kishan Kumar	1.9	9.4	B.Tech (ECE)	PG Diploma (Information Security), 2015	Onetrust Vendor Risk Management Expert CEH, CHFI, CCNA, ISO 27001 LA
8	Shraddha Korgaonkar	2	13.11	BCOM	MBA (Finance), MCOM	Onetrust Privacy Management Professional ISO/IEC 27001: 2013 LI Vendor Risk Mangement - Onetrust
9	Muktanand Kale	1.8	6	BE EXTC, 2014		CEHV8, Rapid 7 Insight VM

10	Neelesh Kanojiya	1.6	6.8	BE, 2012	PG Diploma (Information Security), 2019	CEHV9, ECSA V9, CCNA(Expired) One Trust Vendor Risk Management
11	Parth Srivastava	1.9	6	B.tech, 2015		OSCP, Rapid 7 Insight VM
12	Prathamesh Baviskar	2.1	7	<u>BSC, 2012</u>	M.Sc. Disaster Management, 2015	ISO27001 LI, IA ISO22301 LI, IA One trust: Vendor Management
13	Prachi Hajare	2.6	5.5	B.E. - Electronics and Telecommunication 2015		Qualys Vulnerability Management, CNSS, Fortinet Network Security Expert
14	Pranav Kathale	1.7	7.11	B.E. (Computer Science and Engineering)	-	OSSTMM Professional Security Expert (OPSE) Splunk 7.x Fundamentals Part 1 CarbonBlack Defense Associate Analyst
15	Ranvijay Singh	3.3	4.5	B.E. (Computer Science and Engineering), 2016		
16	Rahul Bhalekar	1.7	8.8	BCA, 2017	PGDM in Information Security	ISO 27001 LI

17	Rahul Rohit	2.10	3	Computer Science Engineering	MBA in IT & Operation	ISO 27001 LA, Protiviti US Lab Challenge - Internal Certification, Access Data Certified Investigator, Carbon Black Defense Associate Analyst Microsoft Azure Security Certified(AZ-500)
18	Sanjeev Jha	2.7	6.5	<u>B.Sc.IT</u>	MCA	CEH, CCNA R&S, Protiviti US Lab Challenge - Internal
19	Satish Yadav	1.5	2.9	BE(Electronics)2014-2018		CEHV10 NSE1(Fortinet's Network Security Expert Certification ) NSE2(Fortinet's Network Security Expert Certification ) Onetrust Vendor Risk Management Expert NSE(Fortinet's The Threat Landscape Certification )
20	Suraj Nair	3	6.7		Msc, 2015	CEH V8, ECSA V8
21	Subir Kochar	1.9	6.1	BE CSE 2009-2013	MSc in Information security (2013-15)	ISO 27001 LA, ISO 22301 LI, ITIL, One Trust Vendor Risk Management Expert
22	Sagar Padaya	2	4.11	BSCIT	MBA-ITBM	ISO 27001 LA ICSI CNSS free training course

23	Tushavara Oakesh	1.8	5	B.E IT	M.Tech in Cyber Security, 2017	Splunk Enterprise Certified Architect v7, Splunk Architecture Certified, Splunk Admin Certified, Splunk Power User Certified, Palo alto ACE networks OS V8, Red Hat Automation with Ansible I, Qualys Vulnerability Management, CB Response Advanced Analyst
24	Sandeep Gupta	3.5			Chartered Accountant	
25	Prashant Ramdas Bhat	2.3	20+		Chartered Accountant	CISA,BSI LA (I25999), BSI LA (I25999), SAP FI certified
26	Vaibhav Koul	3	15+		Bachelor of Electrical Engineering,	CISA, CCNA, CCSA, CDPSE
27	Dharamraj Vishwakarma	0.8	4.1	BSC. Computer Science, 2016	MSC.IT Part One perusing	, Certified CompTIA Security+ (SY0-601), Red Hat Certified System Administrator (RHCE), Red Hat Certified Linux Engineer (RHCE), ITIL® 4 Foundation Certification in IT Service Management
28	Sonu Sahu	<u>0.6</u>	4	B.Tech, 2017		CEH, OSCP
29	Nitin Bhardwaj	<u>0.6</u>	3.5	BE 2015	MBA – TM 2019	ISO 27001 LA



30	Saurabh Jagtap	<u>0.7</u>	5.1	BE, 2015		CEH v10, ISO 27001 Certified Internal Auditor
31	Jinesh R	<u>0.6</u>	2.5	BE, 2017		OSCP, CCENT
32	Deepak Joshi	<u>0.7</u>	6.2	BSC, 2011		1. ISO 27001 LA 2018 2. (Comprehensive Information Security and Ethical Hacking) CISEH 2019 3. Carbon cloud Black 2020
33	Abdul Khader Shaik	<u>0.9</u>	6.1	B.sc(M.E.Cs),2006	M.C.A,2009	OIM -L1-Internal OIM-L2-Internal
34	Varun Goyal	<u>0.6</u>	6.3	BE, 2014		ISO 27001 2013 LA Certified EU GDPR Imp Certified PCI DSS v3.2 Imp DSCI Certified Privacy lead Assessor (DCPLA) AWS Solution Architect Dipoma in Cyber law
35	Aayush Mittal	<u>0.8</u>	3	B.Tech - CSE, 2017		
36	Samarth Kumar Mishra	<u>0.6</u>	3.6	B. Tech , Mechanical Engr. 2016	Master of Cyber Law & Information Security (MCLIS) , 2020	ISO 27001 LA, One Trust Certified Privacy Professional
37	Sahil Chander	<u>0.3</u>	12	BE, 2008-09	PGDM	CISA, CCNA, CEHv9, ISO27001 (LI) ISO 27701 ISO 31000 CNDv1
38	Vijay Singh Thakur	<u>0.4</u>	3.5	BE, 2017		ISO 27001 LA

39	Amey Sawant	<u>0.6</u>	8.5	BSc.IT, 2012	MSc.CS, 2017	Qualys, ISO 27001 LA Splunk dashboard and log management
40	SARITA PADMINI	<u>0.3</u>	12+	Btech, 2007	MBA	CISA,CPISI,CCSA,ISO 27001 LA, One Trust Privacy Professional
41	Madhuri Mandal	<u>0.3</u>	4.1	B.Tech, 2016	NA	ISO 27001 LA, IBM Agile Explorer, ITIL Foundation V3
42	Sarth Dixit	0.3	NA	B.Com(Hons.)2018	NA	NA
43	Smruti Pradhan	<u>0.3</u>	6	2014	2018	ISO 27001 LA  One Trust data mapping certification  One Trust targeted data discovery certification
44	Nikita Kale	0.3	5.2	BE Electronics and Telecommunication, 2015	Post-Graduation Diploma (PGDITISS), 2016	ISO 27001 LA, ISO 27001 LI, CISA Preliminary exam cleared, EX-PCI QSA
45	Anuj Banura	<u>0.3</u>	3	BCA, 2016	MBA- ITBM, 2018	ISO 27001 LA, ISO 22301 LA, CEH, CCNA, DCPLA, DCPP
46	Gaurav Sharma	<u>0.5</u>	9	B.Com, 2007	Masters in Cyber Security,2015	CEH, CHFI, ECSA, ACSE, JCHNP, OPSEC, ITIL, ISO/IEC 27001 LA - TUV SUD, OSCP,CISA, CISM

47	Rudhir Anil Moghe	<u>0.5</u>	4.5	B.Sc. Computer Science	M.Sc. Information Technology	ISO 27001 LA ECC - CEH v9 Asian School of Cyber Laws - Advanced Diploma in Cyber Laws Asian School of Cyber Laws - Diploma in Internet Crime Investigation AWS Security Fundamentals Fortinet NSE1 and NSE2
48	Srinu Elike	<u>0.2</u>	4	Krishna University/2015	NA	Chartered accountantancy
49	Vishal Bhandari	<u>0.3</u>	0.2	B.tech, 2020	NA	CEH
50	Arnab Biswas	<u>0.2</u>	9	MBA (Finance)		CEH, ISO 27001
51	Divesh Sood	<u>0.2</u>	4	BCA, 2010-2013	M.Sc. Network Tech – 2015, M.Tech Cyber Security- 2018	CCNA, CEH, Comptia Security +
52	Gandharv Saxena	<u>0.2</u>	0	B.tech, 2018	MBA 2020 (In-process, Result not out yet)	NA
53	Hitesh Agarwal	<u>0.3</u>	3.8	B.Sc, 2013	MCA, 2016	CEH, ECSA
54	Varadaraj Hanamant Jahagirdar	<u>0.2</u>	2.7	BE, 2018	NA	
55	Nihal Kazi	<u>0.3</u>	2.7	B.com 2016		CISA
56	Preeti Thakur	<u>0.3</u>	9	BSc IT	NA	
57	Kanchi	<u>0.3</u>	3	Btech IT, 2018	MBA In finance, Pursuing, completed by 2022	Power BI, ISO 27001, Cyber security audits, GDPR, Java, Adv Java, C and C++
58	Mrunal Kiran Sali	<u>0.2</u>	3.8	BCOM, 2014	MBA(Marketing), 2017	NA
59	Kunal Tagra	<u>0.3</u>	4	B.Tech. CSE, 2017	MBA, 2020	CompTIA Security +, ISO 27001 LA, ISO 27001 LI
60	Prajwal Prabhu	<u>0.4</u>	5.6	BE, 2015		CSA-Cloud security alliance STAR certification

61	Rukhsar Singh	<u>0.2</u>	10	B.SC, 2004	PGDBA, 2011	CISA (R) ISO/IEC 27001: 2013 LA ITIL CCIE(Written Certified)
62	Ravuri Venu	0.11	9	BSC	MCA(master of computer applications)	
63	ANUPAM GAUTAM	<u>0.5</u>	3	BCOM 2016	MBA IT, 2020	ISO 27001 LI
64	AKSHAT SARASWAT	<u>0.5</u>	1..5	B.Tech, CS, 2015	NA	NA
65	AKSHAI SURESH	<u>0.2</u>	2.5	B.E (EXTC), 2017	MBA, 2019	ISO 31000 - Certified Professional in Risk Management – Foundation Level ITSMS based on ISO/IEC 20000- 1:2011 Foundation Level
66	BHARATH KUMAR	0.3	5.8	B.Tech, 2010	Master's Degree in CS, 2016	
67	DEVENDRA YADAV	<u>0.2</u>	3.6	BTech, 2018		CEH, CNSS, API Security Architect
68	GAGAN RJ	-	4.5	B.E-2016		SAP S/4 HANA Sales 1809 Upskilling
69	KAVITA CHELLANI	<u>1.9</u>	9	B.Tech (Computer Science) – 2012	NA	

70	KOUSTUBH S	<u>0.2</u>	1.7	Bachelor of Engineering in Information Technology from Rajiv Gandhi Prodyogiki Vishwavidyalaya, 2016	Master of Cyber Law and Information Security from the National Law Institute University, 2020	Privacy Information Management System ISO 27701:2019, QRC CISSP Review, ISC^2 General Data Protection Regulation, Risk Pro Personal Data Protection Regulation, Risk Pro One Trust Certified GRC Professional One Trust Vendor Risk Management Expert
71	MALA CHENNAIAH	<u>0.9</u>	5.8	B.Tech(ECE) 2007	M.Tech(VLSISD) 2010	
72	MAYUR GANGWAL	<u>0.1</u>	4.3	BE, 2016		CEHv11, CDAC, Qualys, Vectra
73	AKULA NAGESH	0.3	15.8	B.Tech(2005)		WebLogic implementation specialist soa implementation specialist
74	NEHA RAMESH	0.2	5.4	B.Tech (ECE)	PGDBA	ISO 27001 LA
75	PIYUSH PAREEK	<u>0.1</u>	4	BE, 2017		CyberArk Certified Trustee, Defender, Sentry and CDE Fortinet Network Security Expert(NSE1 & NSE2)
76	PRATEEK SATSANGI	<u>0.2</u>	2.3	B.Com(H), 2015		

77	SAHIL ACHAREKAR	<u>0.2</u>	7	BE Computers, 2014		CISSP, CISA, ISO 27001 LA, ISO 27701 LI, Certified Ethical Hacker V9, Certified Network Defender V1, AWS Certified Cloud Practitioner, Azure AZ 900 Fundamentals
78	SANTOSH SHARMA	0.2	2.4	B Tech		ISO 27001:2013 Lead Auditor, CNSS
79	SUNIL ARAVIND	<u>0.2</u>	9	BE 2012		ITIL
80	SUBHRAJIT BASAK	0.2				CCNA, CEH, PCNSA
81	SHASHANK BHUTE	<u>0.2</u>	3.8	BE, 2016	NO	ISO 27001 LI GDPR- Data protection officer skills FireEye Systems Engineer Metasploit Pro certified CyberArk certified trustee Certified Ethical hacking (attempted)
82	SHOBHIT SINGHAL	2.6	11	B.Tech (CSE) – 2007	MBA IT & Systems, 2013	CyberArk Certified Trustee
83	UMANG AGARWAL	0.2	5.6	B. Tech., 2015		ISO 27001:2013 LA, Business Analytics and Data Visualization Using R and Tableau
84	VIJAYA ANNANGI	<u>1.11</u>	5.2	B.Tech(2009)	M.Tech(2013)	
85	OMKAR RANE	<u>0.2</u>	5.3	BSC, 2014		ISO 27001 LI
86	Sneha Mahulkar	<u>0.1</u>	1.7	B.Sc. IT 2011	M.Sc. IT 2015	CEH

87	Saif Ahmad	<u>0.1</u>	3.8	B. Tech, 2017	No	ISO 27001 LA
88	Sanya Kansal	<u>0.1</u>	6.5	BA Hons. Philosophy, 2010	LLB, 2015	ISO 27001- Lead Implementer
89	Chennakesavula Naga Venkata Sai Anitha	<u>0.1</u>	3.3	B.tech(ECE) 2017		CompTIA Security +
90	Rahul Bhushan Singh	<u>0.1</u>	0	BCA, 2017	Master of Cyber Law and Information Security, 2020	Cisco Certified Network Associate - Training certification Fortinet's Network Security Expert Certification (NSE)level 1 Fortinet's Network Security Associate (NSA) level 2
91	Sanjay Soni	<u>0.1</u>	12	Bcom 2008		CISA, CDPSE, ISO27001 LA
92	Biswajit Das	<u>0.1</u>	6	B.Tech. (2014)	MBA (2015)	
93	Richa Singh	<u>0.1</u>	11	BCOM	MHRM	CyberArk Defender- No Expiry CyberArk Sentry- No Expiry CyberArk certified Delivery Eng.- Expiry2022 AZ-900 Microsoft certified Azure Fundamentals-No expiry Certified Network Security Specialist - CNSS
94	Nikhil Maharu Borse	<u>0.1</u>	4.4	B.E. (2014)	MBA (2020)	ISO 27001 LA
95	Sanka Vishnu	0.2	4	Bsc(Comp) 2014	MCA(2017)	
96	Garima Singh	0.1	7	B.Tech(2011)	MBA(2016)	
97	Kritika Ambasht	0.1	5.10	B.Tech, 2015		RSA Certified Security Professional
98	Shaik Mahaboob Basha	0.1	4.50	B.tech(CSE) 2012		

99	Mannem Venkatarao	0.1				
100	Syed Inzamam Firoz	0.1				
101	Manish Chadha	2.4	20+	BE	MBA	CISA, ITIL, ISO27001
102	Manish Jain	1.1	13+	BE	MBA	CISA, ISO27001 Lead Auditor, Prince2 Practitioner, ISO 22301, ISO 31000, ISO 20000, NIST
103	Garima Saksena	0.1	17+	B.Com	MBA	SAP(FICO)
104	Ankit Panwar	2.2	7+	Btech	MBA	ISO27001 Lead Auditor
105	Snigdha Mayank	1.7	5+	B.Tech	NA	ISO 27001:2013 Lead Implementer
106	Omar Parvez	5	7+	B.Tech	NA	ISO 27001 Lead Auditor, AWS Security Fundamentals, Certified Ethical Hacker
107	Anand Paswan	0.1	5+	B.Sc. IT	MBA	NA
108	Ayush Beri	1.9	5+	B.Tech	NA	ISO270001LA, ISO 22301LA
109	Aditya Tiwari	2.8	5+	BE	NA	ISO 27K :2013 Lead Implementer
110	Pooja Tanwar	2.3	4+	BCA	MCA	ISO 27001:2013 Lead Implementer
111	Paras Makhija	2.3	2+	B.Tech	-	ISO 27001:2013 Lead Implementer
112	Khalid Basir Ahmed	1.9	3+	BCA	MCA	
113	Ashish Kumar	2.5	4+	English honours (BA)	NA	ISO270001LA
114	Yash Malhotra	0.1	< 1	B.Tech	N/A	N/A
115	Madhav Rao	0.3	0			
116	Neelakantan Sethuraman	2.10	12			CISA, ISO27K LA, COBIT Assessor/Implementer, ITIL
117	Bhargava Naidu	0.9	0			
118	Ekansh Choudhary	2.1	0			



119	Kabileshkumar K	2.1	0			AWS Certified Solutions Architect Associate
120	Kanagavarsha M	1	0			ISO27K LA,Data Privacy (One Trust)
121	Karunya Devi	0.11	0			OneTrust Certified Privacy Professional.
122	Kharthik Kumar	1	0			ISO27K LA,CISA (CISA Passed), OSCP (Trained), Microsoft Azure Fundamentals(AZ-900), CCNA Routing & Switching ,CCNA CyberOps
123	Mohankumar Kamaraj	0.9	0			OneTrust Certified Privacy Professional. Elearn Security Junior Penetration Tester Microsoft Azure Fundamentals(AZ-900)
124	Rajani Sagale	0.8	4			OSCP, CNSS Certified Network Security Specialist
125	Ruchika Markad	3.1	0			ISO27K LA
126	S Sankaran	2.1	0			
127	Thirupuranthagam P	0.11	0			1. OneTrust Certified Privacy Professional
128	Naveen Kumar	0.3	0			ISO27K LA
129	Puneet S	0.2	2			
130	Deepak Venkatesan					1.ISO 27001 2. Cloud Security

131	Karthik Gajendran	1	0			1.ISO 27001
132	Karthikeyan A		0			1.ISO 27001
133	Aswathy Mohanan		0			CEH
134	Nasreen Fathima		0			1.ISO 27001
135	SABARI KUMAR		0			1.ISO 27001
136	Naveenaa M	3.6	5			CISA, ISO 27K LA, cloud, Oracle Cloud Infrastructure Associate, CCNA CNSS
137	Shubham Swami	0.7	5			Cloud, ISO27K LA , LI, CISM, One Trust Privacy Professional Oracle Cloud Infrastructure Foundations (OCI) 2020 Certified Associate BS 10012
138	Suresh D	0.8	12			ISO27K LI, COBIT, ITIL, Cloud
139	Ashwin Rao	0.3	6.5			ITIL, Oracle certified Associate -2009
140	Gaurav Singh	0.2	6			ISO27K LA
141	Adarsh Hirenallur	0.9	10			ISO27K LA, CEH, CCNA
142	Ebin Joseph	0.6	7			ISO27K LA, CEH, ISO22301 LA
143	Harshaditya Rachapudi	2.7	7			ISO27K LI,CIAM (Certified Identity and Access Manager)
144	Rathish Raghul	0.7	0			ITIL, Certified Crisis Management Specialist
145	Vijai K	7.2	0			
146	Jayaprakash Reddy	0.3	13			Prince 2, ITIL, CISA, CEH, ISO27K LA

147	Arun Raja	0.2	0			AML, Basell-2 & Basell-3 trained Green Belt Trained and Assessment Cleared
148	Akshay Prasad	0.9	5			
149	Giridhar Ramesh	4.9	4.9			OSCP, ICSI   Certified Network Security Specialist (CNSS)
150	Tanmoy Bhadra	3.8	6			
151	Anil Notagar	0.2	3.5			
152	Ganesh Kumar	0.2	10			CISA, ITIL and ITSM certification from EXIN
153	Poojita Hegde	0.2	0.2			
154	Sai Bhargavi	0.2	4			
155	Sudheer Gopalakrishnan	0.2	7			ISO27K LA
156	Karthikeyan Chandrasekar	0.2	7			ISO27K LA, LI, CHFI, CSA STAR,

8. Specify Largest Project handled in terms of scope (in terms of volume, complexity, locations etc.) along with project value.

**One of the large banks in India -IT Audits including security assessments** – Quarterly assessment of Internal & External VAPT, configuration review of servers network devices and web application security assessment as well as IT audit

**One of the largest Pharma companies - Third Party Assessments** - Performing IT/IS reviews of third parties, planned to conduct approximately 1500-2000 assessments a year

**One of the leading banks in India – IT Audits:** Performingthemed audits across various areas of information security such as review of critical application review, Internet Gateway Review, ATM/Switch review, Cloud Review, Mobile Banking Review and Vendor reviews.

**One of the leading hospitality companies – IT/IS assessments :** Performed themed audits for the corporate entity as well as hotel properties. The coverage included data privacy, information security as well as technical assessments related to VAPT and configuration review.

**One of the largest multinational conglomerate corporation headquartered in Tokyo.**  
Have been assisting the client in performing IT audits covering various domains over the last 5 years. The work has been performed in India, US and multiple other countries/cities. Detailed IT control testing covering test of design and effectiveness have been performed for client's various functions.

9. List of Information Security Audit Tools used( commercial/ freeware/proprietary):

Illustrative list of tools is as under :

- Acunetix
- Nessus
- Nmap

- Wireshark
- OpenVAS
- Nikto
- Metasploit
- Burpsuite
- Beef
- W3AF
- SQLMap
- Kali Linux
- Dradis framework
- MobSF
- Fiddler
- Custom Scripts
- Genny Motion
- Echo Mirage
- Vound Intella Pro
- X-ways forensics
- Magnet Axion
- EnCase
- FTK
- Syhunt
- Checkmarx
- OWASP ZAP
- Paros
- Web Scarab
- Aircrack suite
- MBSA
- FOCA
- Inhouse custom scripts / Tools

10. Outsourcing of Project to External Information Security Auditors / Experts : No  
(If yes, kindly provide oversight arrangement (MoU, contract etc.))

11. Whether organization has any Foreign Tie-Ups? If yes, give details : Yes

We have alliance partners for tools and technologies that help us deliver the information / cyber security audits and projects. Some of our alliance partners are: Flexera, Kaspersky etc. Further, we have a network where in our global offices assist in providing support from a global technology alliance perspective

12. Whether organization is a subsidiary of any foreign based organization? : Yes  
if yes, give details

*The parent company of Protiviti India Member Pvt. Ltd (headquartered in Gurugram) is Independent Consultants FZE (Sharjah). Protiviti India Member Pvt. Ltd. is member firm of the Protiviti Inc. Protiviti Inc. is a wholly owned subsidiary of Robert Half (NYSE: RHI). Founded in 1948, Robert Half is a member of the S&P 500 index.*

13. Locations of Overseas Headquarters/Offices, if any : Yes

*The parent company of Protiviti India Member Pvt. Ltd (headquartered in Gurugram) is Independent Consultants FZE (Sharjah). Protiviti India Member Pvt. Ltd. is member firm of the Protiviti Inc. Protiviti Inc. is a wholly owned subsidiary of Robert Half (NYSE: RHI). Founded in 1948, Robert Half is a member of the S&P 500 index. Offices of Protiviti Inc. and the member firms are spread across 75+ offices across 27 countries.*

Australia:-

1. Level 32, 10 Eagle Street, Brisbane, QLD, 4000, Australia
2. Level 12, 14 Moore Street, Canberra, ACT, 2601, Australia
3. Level 39, 140 William Street, Melbourne, VIC, 3000, Australia
4. Level 19, St. Martin's Tower, 44 St. Georges Terrace, Perth, WA, 6000, Australia
5. Level 24, No 1 Martin Place, Sydney, NSW, 2000, Australia.

China:-

6. Unit 718, China World Office 1, No. 1 Jianguomenwai Street, Chaoyang District, Beijing, China
7. 9th Floor, Nexxus Building, 41 Connaught Road, Central, Hong Kong S.A.R., China.
8. Rm. 1915-16, Bldg. 2, International Commerce Centre, No. 288 South Shaanxi Road, Shanghai, 200030, China.

9. Unit 1404, Tower One, Kerry Plaza, No. 1 Zhong Xin Si Road, Futian District, Shenzhen, 518048, China.

Japan:-

10. Osaka Center Building 13F, 4-1-3 Kyutaro-machi, Osaka, 27, 541-0056, Japan.
11. Ote Center Building, 1-1-3 Ote-machi, Tokyo, 13, 100-0004, Japan.

Singapore: -

12. 9 Raffles Place, #40-02 Republic Plaza I, 048619, Singapore.

Bahrain:-

13. Platinum Tower, 17th Floor Bldg 190, Road 2803, Block 428, Seef, P.O. Box 10231, Manama, Bahrain.

France:-

14. 15-19 rue des Mathurins, Paris, 75009, France.

Germany:-

15. Protiviti GmbH, Upper West (27th Floor) Kantstr. 164, 10623, Berlin, Germany.
16. Protiviti GmbH, Kennedydamm 24, 40476, Düsseldorf, Germany.
17. Mainzer Landstraße 50, 60325, Frankfurt, Germany.
18. Sendlinger Straße 12, 80331 München, Germany.

Italy:-

19. Via Tiziano, 32, Milan, MI, 20145, Italy.
20. Via Bissolati 76, Rome, RM, 00187, Italy.
21. Via Viotti, 1, Turin, TO, 10121, Italy

Kuwait:-

22. Al Shaheed Tower, 4th Floor, Khaled Ben Al Waleed Street, Sharq, P.O. Box 1773, Safat, 13018, Kuwait.

Netherlands:-

23. SOM 1 building (Floor M); Gustav Mahlerlaan 32; 1082 MC Amsterdam, Netherlands.

Oman:-

24. Al Ufuq Building, Shatti Al Qurum, P.O. Box 1130, Ruwi, PC 112, Oman.

Qatar:-

25. Palm Tower B, 19th Floor, P.O. Box 13374, West Bay Doha, Qatar.

Saudi Arabia:-

26. Al-Ibdaa Tower, 18th Floor, King Fahad Branch Road, Al-Olaya, Building No. 7906, P.O. Box 3825, Riyadh, 12313, Saudi Arabia.

South Africa:-

27. Suite 1A, 100 On Armstrong, La Lucia, Durban, 4051, South Africa.
28. 15 Forest Rd, Building 1 Waverley Office Park, Johannesburg, 2090, South Africa.

United Arab Emirates:-

29. 9th Floor, Al Ghaith Holding Tower, Airport Road, P.O. Box 32468, AZ, United Arab Emirates.
30. U-Bora Tower 2, 21st Floor, Office 2104, Business Bay, P.O. Box 78475, DU, United Arab Emirates.

United Kingdom:

31. Colmore Building, 20 Colmore Circus, Queensway, Birmingham, B4 6AT, United Kingdom.
32. Whitefriars, Lewins Mead, Bristol, BS1 2NT, United Kingdom.
33. The Bourse, Boar Lane, Leeds, LS1 5EQ, United Kingdom.
34. Protiviti Limited, The Shard, 32 London Bridge Street, London, SE1 9SG, United Kingdom.
35. 8th Floor, The Zenith Building, 26 Spring Gardens, Manchester, M2 1AB, United Kingdom.
36. Pinnacle Mews, 1 Grafton Mews, Milton Keynes, MK9 1FB, United Kingdom.
37. Suite B, Ground Floor, The Stella Building, Whitehall Way, Swindon, SN5 6NX, United Kingdom.

Bulgaria:-

38. 146, Vitosha blvd., entrance B, 3rd floor, office 32, Sofia 1000, Bulgaria.

Egypt:-

- 39. Cairo Complex, Ankara Street, Bureau 1, Second Floor Sheraton Area, Heliopolis, Cairo, Egypt.

Switzerland:-

- 40. Bahnhofpl. 9, 8001 Zürich, Switzerland.

Argentina:-

- 41. Alicia Moreau de Justo 1150, piso 3, oficina 306A, (CPAAX1107), Dock 8, Puerto Madero, Ciudad Autónoma de Buenos Aires, Argentina.

Brazil:-

- 42. Rua Antonio de Albuquerque, 330, 8º andar Savassi, Belo Horizonte, MG, Brazil
- 43. Av. Rio Branco, 109, Cj. 702, 7º andar, Rio de Janeiro, RJ, 20040-004, Brazil.
- 44. Rua James Joule 65-5º andar, Sao Paulo, SP, 04576-080, Brazil.

Chile:-

- 45. Alonso de Córdova 5320, Off 1905 Las Condes, Santiago, RM, Chile.

Mexico:-

- 46. Paseo de la Reforma 243 P18, Mexico, DIF, 06500, Mexico.

Peru:-

- 47. Amador Merino 307 Of. 501, 27, LIM, 15046, Peru.

Venezuela:-

- 48. Av. La Estancia, CCCT Pirámide Invertida, Piso 6, Oficina 612, Urb. Chuao, Municipio Chacao Codigo Postal 1064 Estado Miranda Caracas, Venezuela.

Colombia:-

- 49. Calle 95 con Carrera 15, Edificio 14-48, Oficina 305, Bogota, 110221, Colombia.

Canada:-

- 50. 487 Riverbend Dr, 3rd Floor, Kitchener, ON, N2K 3S3, Canada.
- 51. 1, Place Ville Marie, Suite 2330, Montréal, QC, H3B 3M5, Canada.
- 52. Brookfield Place, 181 Bay Street, Suite 820, Toronto, ON, M5J 2T3, Canada.

United States:-

- 53. 1640 King Street Suite 400, Alexandria, VA, 22314.
- 54. Regions Plaza, 1180 West Peachtree St., NE Suite 400, Atlanta, GA, 30309.
- 55. 1 East Pratt Street, Suite 900, Baltimore, MD, 21202.
- 56. Oliver Street Tower, 125 High Street, 17th Floor, Boston, MA, 02110.
- 57. 201 South College Street, 15th Floor, Suite 1500, Charlotte, NC, 28244.
- 58. 101 North Wacker Drive, Suite 1400, Chicago, IL, 60606.
- 59. PNC Center, 201 E. Fifth Street Suite 700, Cincinnati, OH, 45202.
- 60. 1001 Lakeside Avenue, Suite 1320, Cleveland, OH, 44114.
- 61. 13727 Noel Road, Suite 800, Dallas, TX, 75240.
- 62. 1125 Seventeenth Street, Suite 825, Denver, CO, 80202.
- 63. 200 E. Broward Blvd, Suite 1600, Ft. Lauderdale, FL, 33301.
- 64. 600 Travis Street, 8th Floor, Houston, TX, 77002.
- 65. 135 N. Pennsylvania St, Suite 1700, Indianapolis, IN, 46204
- 66. 9401 Indian Creek Parkway, Suite 770, Overland Park, KS, 66210
- 67. 400 S. Hope Street, Suite 900, Los Angeles, CA, 90071.
- 68. 411 E. Wisconsin Avenue, Suite 2150, Milwaukee, WI, 53202-4413
- 69. 225 South Sixth Street, Suite 1730, Minneapolis, MN, 55402
- 70. 888 7th Ave 13th Floor, New York, NY, 10106
- 71. 301 E. Pine St, Suite 225, Orlando, FL, 32801
- 72. 1700 Market Street, Suite 2850, Philadelphia, PA, 19103
- 73. Airport Tech Center 4127 E. Van Buren Street, Suite 210, Phoenix, AZ, 85008
- 74. 1001 Liberty Ave, Suite 400, Pittsburgh, PA, 15222
- 75. 222 SW Columbia St, Suite 1100, Portland, OR, 97201
- 76. 1051 East Cary St., Suite 602, Richmond, VA, 23219
- 77. 2180 Harvard St., Suite 250, Sacramento, CA, 95815
- 78. 3451 N. Triumph Blvd., Suite 103, Lehi, UT, 84043
- 79. 555 Market Street, Suite 1800, San Francisco, CA, 94105
- 80. 10 Almaden Blvd., Suite 900, San Jose, CA, 95113.
- 81. 601 Union St., Suite 4300, Seattle, WA, 98101
- 82. 1401 S. Brentwood Blvd, Suite 715, St. Louis, MO, 63144
- 83. 263 Tresser Blvd., 12th Floor, Stamford, CT, 06901
- 84. Corporate Center III, 4221 Boy Scout. Blvd., Suite 450, Tampa, FL, 33607

- 85. 1751 Pinnacle Dr., Suite 1600, Mclean, VA, 22102
- 86. 131 Frogale Ct., Winchester, VA, 22601
- 87. 10 Woodbridge Center Dr., Woodbridge, NJ, 07095

Switzerland:-

- 88. Bahnhofpl. 9, 8001 Zürich, Switzerland

India:-

- 89. 77<sup>o</sup> Town Centre, Ground Floor (East Wing), Building 3 Block B, Divyasree Technopolis Yemalur, Bengaluru, KA, 560037, India
- 90. 4th Floor, A Wing, Alexander Square, No 2, Sardar Patel Road, Little Mount, Guindy, Chennai, TN, 600032, India
- 91. Q City, 5th Floor, Block A, Survey No. 109, 110 & 111/2, Nanakramguda Village, Serilingampally Mandal, R.R. District, Hyderabad, TG, 500 032, India
- 92. PS Srijan Corporate Park, 1001B, 10th floor, Tower-2, Plot No. 2, Block EP & GP, Sector -V, Salt Lake City, Kolkata, WB, 700091, India
- 93. 1st Floor, Godrej Coliseum, Unit No 101, B Wing, Somaiya Hospital Road, Sion (East), Mumbai, MH, 400 022, India
- 94. 15th Floor, Tower A, DLF Building No. 5, DLF Phase III, DLF Cyber City, Gurgaon, HR, 122002, India

\*Information as provided by Protiviti India Member Pvt. Ltd. on 07.07.2021

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**Snapshot of skills and competence of CERT-In empanelled  
Information Security Auditing Organisation**

**M/s eSec Forte Technologies Pvt. Ltd.**

1. Name & location of the empaneled Information Security Auditing Organization :

**M/S ESEC FORTE® TECHNOLOGIES PRIVATE LIMITED**

**Registered Address:**

**DELHI:** A-2/10, A-2 Block, Rohini Sector- 5, New Delhi – 110085

**Corporate Office (Mailing Address):**

**GURUGRAM:**Plot No. 311,Jwala Mill Road, Udyog Vihar Phase- IV,  
Gurugram – 122015, Haryana, India

**Branch Office:**

**BANGALORE:**143, 3rd Floor, 10th Cross, Indira Nagar 1st Stage,  
Bangalore – 560038, Karnataka, India

**MUMBAI:**Plot C-59, Bandra Kurla Complex, Bandra East, Mumbai-  
400051, Maharashtra, India

2. Carrying out Information Security Audits since : **<2011>**

3. Capability to audit , category wise (add more if required)

• Network security audit	:	(Yes)
• Web-application security audit	:	(Yes)
• Mobile-application security audit	:	(Yes)
• API security audit	:	(Yes)
• Cloud Security Assessment	:	(Yes)
• Wireless security audit	:	(Yes)
• Compliance audits (ISO 27001, PCI, etc.)	:	(Yes)
• Firewall Audits	:	(Yes)
• Digital Forensic Investigations	:	(Yes)
• Red Team Assessment	:	(Yes)
• Source Code Review	:	(Yes)
• Penetration Testing	:	(Yes)
• Vulnerability Assessment	:	(Yes)
• Incident Response	:	(Yes)

4. Information Security Audits carried out in last 12 Months :

Govt.	:	<b>5+</b>
PSU	:	<b>5+</b>
Private	:	<b>75+</b>
Total Nos. of Information Security Audits done	:	<b>100+</b>

5. Number of audits in last 12 months , category-wise (**Organization can add categories based on project handled by them**)

Network security audit	:	<b>&lt;20+&gt;</b>
Web-application security audit	:	<b>&lt;20+&gt;</b>
Red Team Assessment	:	<b>&lt;5+&gt;</b>
Wireless security audit	:	<b>&lt;5+&gt;</b>
Forensic Analysis and Incident Response	:	<b>&lt;5+&gt;</b>
Compliance audits (ISO 27001, PCI, etc.)	:	<b>&lt;10+&gt;</b>

6. Technical manpower deployed for information security audits :

CISSPs	:	<b>&lt;2&gt;</b>
CISM	:	<b>&lt;3&gt;</b>
OSCP	:	<b>&lt;6&gt;</b>
BS7799 / ISO27001 LAs	:	<b>&lt;3&gt;</b>
CISAs	:	<b>&lt;2&gt;</b>

Any other information security qualification:



CEH	:	<20+>	
PCI QSA	:	<1>	
CCSK	:	<1>	
CHFI	:	<1>	
CDFE	:	<1>	
CTIA	:	<1>	
ECIH	:	<1>	
Others	:	<20+>	
Total Nos. of Technical Personnel		:	75+

7. Details of technical manpower deployed for information security audits in Government and Critical sector organizations (attach Annexure if required)

S. No.	Name of Employee	Duration with <b>&lt;eSec Forte Technologies&gt;</b>	Experience in Information Security	Qualifications related to Information security
1	Sachin Kumar	2011	15Years	CISSP, PCI QSA, CEH, CDFE, ISO 27001, Nexpose Certified Administrator, Metasploit Certified Administrator, B.Tech
2	Saurabh S	2017	14 Years	B.Tech, MS in Cyber Law and Security , MCSE: Security, ITIL V3, ECSA, CyberArk Vault Administrator, CPISI – PCI DSS v3.2, Sourcefire Certified Professional, Qualys Guard Security Expert.
3	Kunal Bajaj	2013	12 Years	ISO 27001, B.Tech, MBA
4	Mohit Mittal	2015	14 Years	CISM, CISA, AWS CSA, PMP
5	S B	2020	20 Years	ISO 27001LA, CISM, CCSK
6	PK	2020	20+	CISSP, CISA, CISM, Certified RSA SE In ASOC, MBA
7	J K	2016	6 Years	M.Tech, B.Tech, CEH, Tufin Certified Engineer
8	V R	2017	4 Years	B.E., RHCE, RHCSA
9	V R	2019	6 Years	ISO/IEC 27001:2005 Lead Auditor, Certified Cyber Security Expert, Master of Science in Cyber Law & Information Security
10	S.C	2019	5 years	OSCP, MCA, BCA
11	T S	2018	3 years	OSCP, Tenable Certified Associate, Fortinet's Network Security Expert Certification
12	A S	2019	1.5 years	OSCP
13	D S	2019	10 Years	Microsoft Certified: Azure Security Engineer Associate, Palo Alto Networks PSE, Certified Incident Handler (ECIH), OPsec for ICS (DHS, US), Certified Threat Intelligence Analyst (CTIA), CHFI
14	S S	2018	3 years	OSCP, Fortinet's Network Security Expert Certification
15	Md. S	2019	4 Years	OSCP, Certified Red Team Professional, MCA, BCA
16	V S	2019	1.5 years	OSCP, CEH
17	A K	2019	5 Years	CEH
18	V P	2018	10 Years	CyberArk Vault Administrator, Tufin Certified Engineer, CCNP, CCNA
19	A C	2014	7 years	TCSE, CMO
20	H K	2018	5 years	TCSE, CEH, Tenable Certified Associate
21	A S	2019	5 Years	TCSE, RHCE, RHCSA, Tenable.se Cert, B.Tech
22	A T	2020	2 years	Associate of ISC2 – CISSP, Certified Ethical Hacker, CompTIA Security+
23	A W	2018	3 years	ICSI – CNSS, AWS Security, Fortinet's Network Security Expert Certification,
24	R S	2019	3 years	AWS Cloud Practitioner Essentials, Splunk Infrastructure Overview, ICSI, UK – Certified Network Security Specialist, Splunk UBA
25	M S	2020	2.5 years	ISO 27001:2013

26	M C	2020	1 year	ISO 27001 : 2013 Lead Auditor
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8. Specify Largest Project handled in terms of scope (in terms of volume, complexity, locations etc.) along with project value.
- Conducting Network Audit for Govt. Entity across 100+ locations for 10,000+ End points.
  - Performed Audit of 100+ Applications for a large Business Process Organization across different environments
  - Performed Application Audit of ~ 50 WAPT of very large and complicated applications.
9. List of Information Security Audit Tools used( commercial/ freeware/proprietary):
- Metasploit
  - Nexpose
  - Nessus
  - Nipper
  - Netsparker
  - HCL App Scan
  - Checkmarx
  - Burp Suite
  - Nmap
  - SSLScan
  - Wireshark
  - Immunity Canvas
  - Immunity Silica
  - Hak5 (Pineapple Wifi)
  - Social Engineering Toolkit
  - Kali Linux
  - Aircrack-ng
  - Ettercap
  - John the Ripper
  - Kismet
  - Maltego
  - Cuckoo
  - Volatility
  - sslstrip
  - hping3
  - dnswalk
10. Outsourcing of Project to External Information Security Auditors / Experts : No  
( If yes, kindly provide oversight arrangement (MoU, contract etc.))
11. Whether organization has any Foreign Tie-Ups? If yes, give details : Yes
- Yes, eSecForte Technologies is partner with multiple OEM Companies such as Tenable, AccessData, Cato Networks, Tufin, BeyondTrust, OpenText, Logrhythym, HCL Software, Microfocus etc. for Information Security and Forensic Products.
- eSec Forte acts as Value Added Partner for these companies and is involved in Pre-Sales, Implementation and Post-Sales activities.
12. Whether organization is a subsidiary of any foreign based organization? : **No**  
If yes, give details

13. Locations of Overseas Headquarters/Offices, if any : **Yes**

**Singapore :** eSec Forte® Technologies Singapore PTE Ltd.  
1 North Bridge Road, #11-10, High Street Centre, Singapore 179094 P: +65 31650903

**Sri Lanka :**eSec Forte Technologies Sri Lanka Pvt. Ltd.  
Level 26 & 34, East Tower, World Trade Center, Echelon Square, Colombo, 00100, Sri Lanka

\*Information as provided by <**eSec Forte® Technologies Private Limited**> on <**29 December 2020**>

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**Snapshot of skills and competence of CERT-In empanelled  
Information Security Auditing Organisation**

**M/s Talakunchi Networks Pvt Ltd**

1. Name & location of the empanelled Information Security Auditing Organization:

**Talakunchi Networks Pvt. Ltd., Mumbai**

2. Carrying out Information Security Audits since : **2016**

3. Capability to audit, category wise (add more if required)

• Network security audit	:	<b>Yes</b>
• Web-application security audit	:	<b>Yes</b>
• Wireless security audit	:	<b>Yes</b>
• Compliance audits (ISO 27001, PCI, etc.)	:	<b>Yes</b>
• Mobile Security audit	:	<b>Yes</b>
• Red Team and Blue Team Assessments	:	<b>Yes</b>
• Source Code Review	:	<b>Yes</b>
• Web and Mobile Application Security Testing (VAPT)	:	<b>Yes</b>
• Network, Server and Firewall Security Testing (VAPT)	:	<b>Yes</b>
• Vulnerability Assessment and Configuration Assessment	:	<b>Yes</b>
• SAP Security Audits	:	<b>Yes</b>
• IOT, Embedded and SCADA Security Assessments	:	<b>Yes</b>
• Cyber Security Threat Analysis	:	<b>Yes</b>
• Compromised Assessments	:	<b>Yes</b>
• Incidence Management and Response	:	<b>Yes</b>
• Reverse Engineering and Forensic Assessments	:	<b>Yes</b>
• Building & Maintaining Security Operations Centre (SOC)	:	<b>Yes</b>
• Managed Security Services (MSS)	:	<b>Yes</b>
• Managed Detection and Response (MDR)	:	<b>Yes</b>
• Security Awareness Trainings	:	<b>Yes</b>
• Physical Access Controls & Security Testing	:	<b>Yes</b>
• Business Continuity Disaster Recovery Planning (BCP-DRP)	:	<b>Yes</b>
• Regulatory Compliance Implementation and Management (RBI, NCIIPC, IRDA, ISNP, SEBI, TRAI)	:	<b>Yes</b>
• International Cyber Security Framework (ISO, NIST, ISACA, SANS, CIS)	:	<b>Yes</b>

4. Information Security Audits carried out in last 12 Months:

Govt.	:	<b>4</b>
PSU	:	<b>NA</b>
Private	:	<b>50+</b>
Total Nos. of Information Security Audits done	:	<b>50+</b>

5. Number of audits in last 12 months, category-wise (**Organization can add categories based on project handled by them**)

Network security audit	:	<b>20+</b>
Web-application security audit	:	<b>50+</b>
Wireless security audit	:	<b>3</b>
Mobile Security audit	:	<b>15+</b>
Compliance audits (ISO 27001, PCI, etc.)	:	<b>3</b>

6. Technical manpower deployed for information security audits:

CISSPs	:	<b>NA</b>
BS7799 / ISO27001 LAs	:	<b>NA</b>
CISAs	:	<b>2</b>
DISAs / ISAs	:	<b>NA</b>
Any other information security qualification:		
<b>20CEH, 2 OSCP, 8ECIH, 7 CTIA, 5 ECSA, 2 CHFI, 1 ECSP.Net, 7 CCNA</b>		<b>47</b>
Total Nos. of Technical Personnel	:	<b>50</b>

7. Details of technical manpower deployed for information security audits in Government and Critical sector organizations (attach Annexure if required)

<b>S. No.</b>	<b>Name of Employee</b>	<b>Duration with &lt;organization&gt;</b>	<b>Experience in Information Security</b>	<b>Qualifications related to Information security</b>
1	Rahul Gala	4.5 Years	12.5 Years	BE, OSCP, CISA, CEH, ECSA, ECSP, GCIH, CEI
2	Vishal Shah	4.5 Years	12.5 Years	BE, OSCP, CISA, CEH, GCIH, FireEye
3	Pranjali Shah	4.5 Years	7.2 Years	BE
4	Sujal Shah	4.5 Years	7.2 Years	BE
5	Harshil Shah	4.2 Years	4.2 Years	BE, CEH, ECSA, CTIA, ECIH
6	Atik Vora	4.2 Years	4.2 Years	BE, ECSA, ECSA Practical, ECIH
7	Krishna Dasari	3 Years	3 Years	BE
8	Narendra Vishwakarma	2.5 Years	3 Years	BE
9	Talha Sayed	2.5 Years	2.5 Years	BE, CEH, ECSA, ECSA Practical
10	Musharraf Khan	2.5 Years	2.5 Years	BE, CEH, ECSA
11	Faisal Sonalkar	2.5 Years	2.5 Years	BSc, CEH, CCNA
12	Saad Sonalkar	2.5 Years	2.5 Years	BE, CEH
13	Sanket Patil	2 Years	2 Years	MCA
14	Viraj Nayak	2 Years	2 Years	BSc Comp
15	Nitesh Singh	1.5 Years	1.5 Years	BE, CEH
16	Omkar Mane	1 Year	1 Year	BE, CEH
17	Shahid Shaikh	1 Year	1 Year	BE, CEH
18	Ravindra Auti	1 Year	1 Year	MCA, CEH
19	Prajay Shetty	1 Year	1 Year	BE, CEH
20	Harsh Bhanushali	1 Year	1 Year	MSc

8. Specify Largest Project handled in terms of scope (in terms of volume, complexity, locations etc.) along with project value.

Private Sector Bank

- Application Penetration Testing – 90+ Web Application, 8 Mobile Applications, 20+ API
- Infrastructure Penetration Testing – 2000+ IP Addresses Quarterly Basis
- Configuration Audit – 2000+ Servers & Network Devices Half Yearly
- Security Solutions Review – 40 Devices of 8 different category of devices

Project Term – 1.5 Years

Project Value – Approx. 1 Cr

9. List of Information Security Audit Tools used (commercial/ freeware/proprietary):

Squad1 (Proprietary)  
 Burp Suite Professional  
 MicroFocus Fortify  
 MicroFocusWebInspect  
 Nessus Professional  
 QualysGuard  
 Kali Linux  
 Metasploit  
 SQLMAP  
 Wireshark

ZAP  
Charle's Proxy  
Netsparker  
Nikto  
CSRF Tester  
Wapiti  
Fiddler  
SQL Ninja  
W3af  
WinHex  
WebScarab  
IDAPro  
Drozer  
MobSF  
Nmap  
Aircrack-ng  
Cain & Able  
JohnTheRipper  
IronWasp  
Nagios  
Social Engineer Toolkit

10. Outsourcing of Project to External Information Security Auditors / Experts : **No**  
( If yes, kindly provide oversight arrangement (MoU, contract etc.))
11. Whether organization has any Foreign Tie-Ups? If yes, give details : **No**
12. Whether organization is a subsidiary of any foreign based organization? : **No**  
If yes, give details
13. Locations of Overseas Headquarters/Offices, if any : **No**

\*Information as provided by Talakunchi Networks Pvt. Ltd. on 29-Dec-2020

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**Snapshot of skills and competence of CERT-In empanelled  
Information Security Auditing Organisation**

**M/s A3S Tech & Company**

1. Name & location of the empanelled Information Security Auditing Organization :

**A3S Tech & Company.  
Registered Office- A/95 Kamla Nagar, Delhi- 110007.  
Corporate Office- 1314, 13th Floor, Devika Tower,  
Nehru Place, New Delhi- 110019**

2. Carrying out Information Security Audits since : **2014**

3. Capability to audit , category wise (add more if required)

• Network security audit (Y/N)	:	Yes
• Web-application security audit (Y/N)	:	Yes
• Wireless security audit (Y/N)	:	Yes
• Compliance audits (ISO 27001, ISO 22301, ISO 27701 PCI, GDPR, HIPPA etc.) (Y/N)	:	Yes
• Mobile Application Security Audit (Y/N)	:	Yes
• ERP Audit (Y/N)	:	Yes
• Payment Gateway Audit (Y/N)	:	Yes
• Compliance audit as per Government of India guidelines (Y/N)	:	Yes
• Source Code Review (Y/N)	:	Yes
• Cloud Security Review (Y/N)	:	Yes
• Swift Review (Y/N)	:	Yes
• Concurrent/ Continuous Audit (Y/N)	:	Yes
• Data Privacy audits (Y/N)	:	Yes
• Regulatory audit as per guidelines by RBI, IRDA, SEBI, UIDAI etc (Y/N)	:	Yes

4. Information Security Audits carried out in last 12 Months :

Govt.	:	<b>Nil</b>
PSU	:	<b>Nil</b>
Private	:	<b>10+</b>
Total Nos. of Information Security Audits done	:	<b>10+</b>

5. Number of audits in last 12 months , category-wise **(Organization can add categories based on project handled by them)**

Network security audit	:	<b>5+</b>
Web-application security audit	:	<b>15+</b>
Wireless security audit	:	<b>5+</b>
Compliance audits (ISO 27001, PCI, etc.)	:	<b>4+</b>

6. Technical manpower deployed for information security audits :

BS7799 / ISO27001 LAs	:	<b>2</b>
CISAs	:	<b>3</b>
DISAs / ISAs	:	<b>1</b>
Any other information security qualification	:	<b>3</b>
Total Nos. of Technical Personnel	:	<b>5+</b>

7. Details of technical manpower deployed for information security audits in Government and Critical sector organizations (attach Annexure if required)

S. No.	Name of Employee	Duration with <b>&lt;organization&gt;</b>	Experience in Information Security	Qualifications related to Information security
1.	Sagar Gupta	6+ years	8+ years	CISA, ISA/DISA, ISO 27001 LA, CEH, CDPSE
2.	Arpita Gupta	6+ years	8+ years	ISO 27001 LA

3.	Akash Goel	1+ years	6+ years	CISA
4.	Vidhya Jayaraman	2+ years	4+ years	CISA
5.	Mahendra Pratap Singh	1+ years	3+ years	CEH

8. Specify Largest Project handled in terms of scope (in terms of volume, complexity, locations etc.) along with project value.

- Consultancy for Data Privacy and GDPR compliance for multiple locations in India for Rs 15 lakhs+
- Consultancy for implementing ISO 27001 for multiple locations for 10 lakhs+

9. List of Information Security Audit Tools used (commercial/ freeware/proprietary):

- Nmap
- Backtrack kali linux
- Custom Scripts and tools.
- Metasploit Framework, Netcat , BeEf
- Wireshark
- Tenable Nessus
- Burpsuite
- SQL Map
- Tamper Data
- Directory Buster
- Nikto
- Ettercap
- WebScarab
- Veda
- Backtrack
- Meta Sploit
- A3S customised scripts

10. Outsourcing of Project to External Information Security Auditors / Experts : No  
( If yes, kindly provide oversight arrangement (MoU, contract etc.))

11. Whether organization has any Foreign Tie-Ups? If yes, give details : No

12. Whether organization is a subsidiary of any foreign based organization? : No  
If yes, give details

13. Locations of Overseas Headquarters/Offices, if any : No

\*Information as provided by <A3S Tech & Company > on October 25, 2020

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**Snapshot of skills and competence of CERT-In empanelled  
Information Security Auditing Organisation**

**M/s Andhra Pradesh Technology Services Ltd**

1. Name & location of the empanelled Information Security Auditing Organization:

**Andhra Pradesh Technology Services Ltd.  
(Govt. of AP Undertaking)  
Location: Vijayawada**

2. Carrying out Information Security Audits since : **2018**

3. Capability to audit, category wise (add more if required)

• Network security audit	:	(Yes)
• Web-application security audit	:	(Yes)
• Mobile Application Security audit	:	(Yes)
• Wireless security audit	:	(Yes)
• Compliance audits (ISO 27001)	:	(Yes)
• Infrastructure Audits	:	(Yes)
• Source Code Review	:	(Yes)
• Configuration Review (OS, DBMS & Network Devices)	:	(Yes)
• Remediation Consulting	:	(Yes)
• RedTeam Assessment	:	(Yes)

4. Information Security Audits carried out in last 12 Months:

Govt.	:	<b>371+</b>
PSU	:	5+
Private	:	00
Total Nos. of Information Security Audits done	:	390+

5. Number of audits in last 12 months, category-wise (**Organization can add categories based on project handled by them**)

Network security audit	:	20
Web-application security audit	:	360+
Wireless security audit	:	0
Compliance audits (ISO 27001, PCI, etc.)	:	1
RedTeam Assessments	:	15+

6. Technical manpower deployed for informationsecurity audits:

CISSPs	:	00
BS7799 / ISO27001 LAs	:	06
CISAs	:	05
DISAs / ISAs	:	00
Any other information security qualification:		
1. <b>ISMS</b>	:	<b>01</b>
2. <b>OSCP</b>	:	<b>01,</b>
3. <b>CEH</b>	:	<b>04,</b>
4. <b>ECSA</b>	:	<b>01,</b>
Total Nos. of Technical Personnel	:	15

7. Details of technical manpower deployed for information security audits in Government and Critical sector organizations (attach Annexure if required)

S. No.	Name of Employee	Duration with <organization>	Experience in Information Security	Qualifications related to Information security
1	Dr.G Jacob Victor	25-04-1998	17+ years	PhD, ISMS, CISA
2	K.Dhavuryan Naik	14-08-1998	2+ years	CISA, ISO 27001
3	K.Chandrasekhar Reddy	28-10-1992	2+ years	CISA, ISO 27001
4	P.Srinivasulu	06-04-1998	2+ years	CISA, ISO 27001
5	M.SobhanBabu	30-06-1998	2+ years	ISO 27001

6	PPV Satyanarayana	10-07-1992	2+ years	ISO 27001
7	P.V Reddy	28-03-1998	2+ years	ISO 27001
8	Ch. Venkateswara Reddy	Dec, 2018	6+ years	M.Tech, CISA, OSCP, CEH, Nessus, Nessus Security Center, Qualys
9	S. Mohana Krushna	Mar, 2019	4+ years	CEH
10	A KS Prabhat Verma	Mar, 2018	2+ years	CEH, Qualys (VM)
11	G.Yaswanth Kumar	Jan, 2019	2+ years	CEH, Qualys (VM)
12	T.Sreeja	Dec, 2017	2+ years	M.Tech (Cyber Security) Qualys (VM)
13	G. Raghuveera	July, 2017	3+ years	Qualys (VM)
14	K.SriPraveena	Sep, 2018	2+ years	ECSA, Qualys (VM)
15	N.Durga Pavani	Feb, 2019	2+ years	Qualys (VM)

8. Specify Largest Project handled in terms of scope (in terms of volume, complexity, locations etc.) along with project value.

S.No	Name of Client Department	Scope of work	Value
1.	AP Transco	The scope covers Transco infrastructure which transmits power to the DisComs who further distribute the power further entire Andhra Pradesh. The audit scope covers applications cover in the Fire wall rule set review, Configuration scanning of IT Assets, Application Security scanning, Internal vulnerability scan, External vulnerability scan, Internal and external penetration testing.	Inter Departmental within the AP State Government
2.	Department of Municipal Administration	The Scope covers department centralized web portals along with the individual applications of 100+ Municipalities. The assessment scope covers Application Security scanning, Internal vulnerability scan, External vulnerability scan, Internal and external penetration testing.	Inter Departmental within the AP State Government
3.	AP State Data Centre	The scope covers IT infra and security audit. The audit scope covers applications cover in the Fire wall rule set review, Configuration scanning of IT Assets, Internal vulnerability scan, External vulnerability scan, Internal and external penetration testing.	Inter Departmental within the AP State Government

9. List of Information Security Audit Tools used (Commercial/ freeware/proprietary):  
commercial:Acunetix, Burp Suite, Nessus, Nexpose, Metasploit.  
Freeware: Kali Linux open source tools and MobSF ..etc

10. Outsourcing of Project to External Information Security Auditors / Experts : No  
(If yes, kindly provide oversight arrangement (MoU, contract etc.))
11. Whether organization has any Foreign Tie-Ups? If yes, give details : No
12. Whether organization is a subsidiary of any foreign based organization? : No  
If yes, give details
13. Locations of Overseas Headquarters/Offices, if any : No

\*Information as provided by Andhra Pradesh Technology Services Ltd on 22/10/2020

**Snapshot of skills and competence of CERT-In empanelled  
Information Security Auditing Organisation**

**M/s Bharti Airtel Service Limited**

1. Name & location of the empanelled Information Security Auditing Organization :

**Bharti Airtel Service Ltd  
Plot# 16, UdyogViharPhase-IV  
Sector 18, Gurgaon-122016**

2. Carrying out Information Security Audits since : **2015-16**

3. Capability to audit , category wise (add more if required)

• Network security audit (Y/N)	-	<b>Y</b>
• Web-application security audit (Y/N)	-	<b>Y</b>
• Wireless security audit (Y/N)	-	<b>Y</b>
• Compliance audits (ISO 27001, PCI, etc.) (Y/N) (Assessments)	-	<b>Y</b>

4. Information Security Audits carried out in last 12 Months :

Govt.	:	<b>&lt;number of&gt;</b>
PSU	:	<b>1</b>
Private	:	<b>7</b>
Total Nos. of Information Security Audits done	:	<b>8</b>

5. Number of audits in last 12 months , category-wise **(Organization can add categories based on project handled by them)**

Network security audit	:	<b>5</b>
Web-application security audit	:	<b>2</b>
Wireless security audit	:	<b>NA</b>
Compliance audits (ISO 27001, PCI, etc.)	:	<b>1</b>

6. Technical manpower deployed for informationsecurity audits :

CISSPs	:	<b>NA</b>
BS7799 / ISO27001 LAs	:	<b>4</b>
CISAs	:	<b>2</b>
DISAs / ISAs	:	<b>NA</b>
Any other information security qualification	:	<b>CISM – 4, CEH - 8</b>
Total Nos. of Technical Personnel	:	<b>15</b>

7. Details of technical manpower deployed for information security audits in Government and Critical sector organizations (attach Annexure if required)

S. No.	Name of Employee	Duration with BASL	Experience in Information Security	Qualifications related to Information security
1	Aamir Bandy	5	7	CISM, CEH, ISO27001 LA/LI, PCI DSS (QSA)
2	Ekta Bhurani	5	6	CEH, ISO27001 LA/LI
3	Ummed Meel	0.3	5	CEH, ISO27001 LA
4	Navneet Kumar	1.2	5	CEH, ISO27001 LA
5	Garima Maithani	1.3	1.3	CEH, ISO27001 LA
6	Ankit Gautam	1.3	1.3	CEH, ISO27001 LA
7	Saumya Yajurvedi	1.2	5	CEH, ISO27001 LA
8	Arvind Bhat	2	15	CISM, ISO27001 LA
9	Ashutosh Makkar	2.2	6	CISM, CEH, ISO27001 LA
10	Suchet Pajani	1.3	5	CISM, CEH, ISO27001 LA
11	Manish Tiwari	3.5	20	CISA, ISO27001 LA

8. Specify Largest Project handled in terms of scope (in terms of volume, complexity, locations etc.) along with project value.

Vulnerability Management, Penetration Testing, Firewall Assurance services for the customer with user base of 4000+ nos, and with DC, DR and Cloud base Infra set-up. The project value is ~2.5 Million per year.

The Services included Quarterly Vulnerability Management, and Half-Yearly Penetration Testing & Firewall Assurance / assessment services. The locations included Noida, and Bangalore.

9. List of Information Security Audit Tools used ( commercial/ freeware/proprietary):

1. BurpSuite
2. SQLMap
3. Acunetix
4. Nikto
5. HOLM Security
6. ZAPProxy
7. MetasploitFramework
8. Wireshark
9. Dirbuster

10. Outsourcing of Project to External Information Security Auditors / Experts ( If yes, kindly provide oversight arrangement (MoU, contract etc.)) : **No**
11. Whether organization has any Foreign Tie-Ups? If yes, give details : **No**
12. Whether organization is a subsidiary of any foreign based organization? If yes, give details : **No**
13. Locations of Overseas Headquarters/Offices, if any : **No**

\*Information as provided by **Bharti Airtel Services Limited** on **23-Oct-2020**

**Back**

**Snapshot of skills and competence of CERT-In empanelled  
Information Security Auditing Organisation**

**M/s Codec Networks Pvt Ltd**

1. Name & location of the empanelled Information Security Auditing Organization :

**Codec Networks Pvt Ltd**  
**507, New Delhi House, Barakhamba Road, New Delhi 110001**  
**+91 9971676124, 9911738718, 011-43752299, 011-43049696**  
mktg@codecnetworks.com

2. Carrying out Information Security Audits since : **2011**

3. Capability to audit , category wise (add more if required)

• Network Security Audit (Y/N):	Yes
• Web-application Security Audit (Y/N):	Yes
• ERP and SAP Application Security Audit (Y/N):	Yes
• Mobile Application Security Audit:	Yes
• IoT Security Audit:	Yes
• IT and OT SCADA System Security Audit (Y/N):	Yes
• Wireless Security Audit (Y/N):	Yes
• SDLC Review and Code Security Review:	Yes
• Compliance audits (ISO 27001, ISO 27701, GDPR, SOC 2 ISO 20000, ISO 22301, HIPAA, PCI-DSS etc.) (Y/N):	Yes
• IT Risk Assessments:	Yes
• Formation and Review of IT Security Policy:	Yes
• Business Continuity Planning / Disaster Recovery Audit:	Yes
• IT General Controls Review:	Yes
• Information Security Awareness and Trainings:	Yes
• RBI Compliance Audit:	Yes
• Aadhaar (UIDAI AUA/KUA) Compliance Audit:	Yes
• ISNP Audit:	Yes
• IT Security Due Diligence Audits:	Yes
• Configuration Audits:	Yes

4. Information Security Audits carried out in last 12 Months :

Govt. : **14**  
PSU : **09**  
Private : **138**  
Total Nos. of Information Security Audits done : **161**

5. Number of audits in last 12 months , category-wise **(Organization can add categories based on project handled by them)**

Network security audit:	<b>37</b>
Web-application security audit:	<b>82</b>
Wireless security audit:	<b>07</b>
Compliance audits (ISO 27001, PCI, etc.):	<b>08</b>
IT Risk Assessments:	<b>06</b>
Formation and Review of IT Security Policy:	<b>14</b>
Mobile Application Security Audit:	<b>24</b>
IoT Security Audit:	<b>02</b>
SDLC Review and Code Security Review:	<b>04</b>
IT General Controls Review:	<b>02</b>
Configuration Audits:	<b>09</b>

6. Technical manpower deployed for information security audits :

CISSPs : **00**  
BS7799 / ISO27001 LAs : **03**  
CISAs : **01**  
DISAs / ISAs : **00**  
Any other information security qualification: **10**  
Total Nos. of Technical Personnel : **10**

7. Details of technical manpower deployed for information security audits in Government and Critical sector organizations (attach Annexure if required)

S. No.	Name of Employee	Duration with <b>Codec Networks Pvt Ltd</b>	Experience in Information Security	Qualifications related to Information security
01	Mr. Rajendra Kathal	3 Years	16+ Years	CISA, CRISC, ISO 27001 LA, ISO 22301 LA, ISO 3001 RM, GDPR-CDPO, Certified Payment Card Industry Security Implementer, COBIT5 Foundation, CEH, ISO 9001:2008, BS 15000, ITIL v4 Foundation
02	Mr. Rajesh Sandheer	5.5 Years	16+ Years	ISO 27001 LA, BS 25999 LA, ISO 31000 RM, ISO 50001 LA, CDCP, Project Management
03	Mr. Piyush Mittal	10+ Years	8+ Years	BCA
04	Ms. Ritu Pandey	6+ Years	8+ Years	MCA, ISO 27001 LA, CEH
05	Mr. Saurabh Bhardwaj	5+ Years	5+ Years	MCA, OSCP, CEH, CASE, Seqrite Certified Endpoint Security Professional
06	Mr. Gaurav Pant	4+ Years	4+ Years	BCA, CEH
07	Mr. Rahul Kumawat	3+ Years	5+ Years	M.S in Cyber Security, CEH, ISCI CNSS, Fortinet NSE 1 & 2
08	Mr. Amol Waghmare	2.5+ Years	2.5+ Years	MBA (ITBM)
09	Mr. Milan Singh	2.5+ Years	2.5+ Years	B.Tech (CSE)
10	Mr. Shantanu Jahked	.5+ Years	1.5+ Years	B.Tech (CSE), CEH, ECSA

8. Specify Largest Project handled in terms of scope (in terms of volume, complexity, locations etc.) along with project value.

<b>Project 1</b>	<p>The client is a reputed scheduled commercial bank(Client Name is kept confidential due to signed NDA and taking care sensitivity of Data Security)</p> <p>Nature of Project Work: Review and gap assessment of IT Security Policy, IT Policy, Cyber Security Policy, Vendor Management Policy, BCP Policy, IS Policy, Antivirus policy.</p> <p>PO Value of the one cycle of assessment was 1.25 Lacs.</p>
<b>Project 2</b>	<p>The client is a reputed Indian private sector enterprise involved in power generation, infrastructure, construction and defence (Client Name is kept confidential due to signed NDA and taking care sensitivity of Data Security)</p> <p>Nature of Project Work: During the Audit, the IT General Controls function were reviewed to gauge the effectiveness, to ensure the integrity of the data and processes that the IT systems support such as applications, operating systems, databases, and supporting IT infrastructure.</p> <p>PO Value of the one cycle of assessment was 2.75 Lacs</p>
<b>Project 3</b>	<p>The client is a prominent organization in healthcare industry which specializes in root cause analysis of patient's health problems to design personalized health interventions with an online web/mobile application. (Name kept confidential due to NDA signed).</p> <p>Nature of project Work: Provided Comprehensive HIPPA and GDPR compliance Consultancy, GAP Analysis and Risk Assessment, HIPPA and GDPR Policies implementation and Process Review with ISO 27001. Data Protection Policy Formulation, Documentation, HIPPA and GDPR Internal Audit, HIPPA and GDPR Awareness Trainings.</p> <p>PO Value of the one-year contract terms was 6.8 Lacs</p>
<b>Project 4</b>	<p>The client is one of the top Fintech start-ups specialise in offering</p>

	<p>personal loan, credit card and personal credit line to consumers. (Client Name is kept confidential due to signed NDA and taking care sensitivity of Data Security)</p> <p>Nature of Project Work: Comprehensive Security Assessment (VAPT) testing for 03 web applications including and 02 mobile application.</p> <p>PO Value of the one cycle of assessment was 1.25 Lacs.</p>
<b>Project 5</b>	<p>The client provides one stop solution to industry clients for all their supply chain management needs, from technology development to analytics. (Name kept confidential due to NDA signed).</p> <p>Nature of project Work: Provided Comprehensive IT Security Consultancy, GAP Analysis and Risk Assessment, Security Policy and Process Review with ISO 27001 and ISO 27701 Data Protection Policy Formulation, Documentation, Cloud Infrastructure and Cloud Application Security Audit, Internal Audit and Certification, Security Awareness Trainings.</p> <p>PO Value of the one-year contract terms was 5.50 Lacs.</p>
<b>Project 6</b>	<p>The client is one of the fastest growing Insurance Company in India offer a wide choice of life and general insurance policies available with multiple insurance companies. (Client Name is kept confidential due to signed NDA and taking care sensitivity of Data Security)</p> <p>Nature of Project Work: Comprehensive Security Assessment (VAPT) testing for 10 web applications including API Testing and 04 Mobile Application.</p> <p>PO Value of the one year contract terms was 2.80 Lacs.</p>
<b>Project 7</b>	<p>The Client is a reputed NBFC Public Sector Undertaking (PSU) with their HQ in New Delhi and 4 branch offices around India. (Client Name is kept confidential due to signed NDA and taking care sensitivity of Data Security)</p> <p>Nature of Project work: Provided Comprehensive IT Security Consultancy, GAP Analysis and Risk Assessment, Security Policy and Process Review with ISMS and BCMS Policy Formulation and Documentation, Internal and External Network Vulnerability Assessment Penetration Testing, Security Configuration Review, Final IT Security Audit. Security Awareness Trainings.</p> <p>PO Value of the one year contract terms was 3.25 Lacs.</p>
<b>Project 8</b>	<p>The clients is is a prominent organization in healthcare industry which specializes in root cause analysis of patient's health problems to design personalized health interventions with an online web/mobile application. (Name kept confidential due to NDA signed).</p> <p>Nature of project Work: Provided Comprehensive IT Security Consultancy, GAP Analysis and Risk Assessment, Security Policy and Process Review with ISO 27001 and ISO 27701 Data Protection Policy Formulation, Documentation, Cloud Infrastructure and Cloud Application Security Audit, Internal Audit and Certification, Web and Mobile Application Vulnerability Assessment Penetration Testing, Security Configuration Review, Security Awareness Trainings.</p> <p>PO Value of the one year contract terms was 7.25 Lacs.</p>
<b>Project 9</b>	<p>The client is a reputed Information Security Services Provider in Israel ( Client Name kept confidential due to signed NDA)</p> <p>Nature of Project Work : Provide comprehensive security assessment tests for 16 web applications, 02 mobile applications, Source Code Review, Network Penetration testing and Configuration Review Services.</p> <p>PO Value of the one year contract terms was 7.25 Lacs.</p>
<b>Project 10</b>	<p>The client provides AI-powered based products and Data Science Analytics based services in India, US, UK, Singapore, Dubai (Name kept confidential due to NDA signed).</p> <p>Nature of Project Work: Comprehensive Security Assessment (VAPT) testing for 05 web applications including API testing, External Network security assessment for 27 Public IPs, Internal Networks Security Assessment and configuration audit services for more than 225 nodes including wireless devices, network devices, servers and security</p>

	<p>devices.</p> <p>PO Value of the one year contract terms was 4.80 Lacs.</p>
<b>Project 11</b>	<p>The Client is one among top Manufacturing Industry in Delhi NCR and exporter from India and provides Sports and Outdoor products in coloration from European countries. (Name kept confidential due to sensitivity and security of the project work and NDA signed).</p> <p>Nature of Project Work: Provided Comprehensive IT Security Consultancy, GAP Analysis and Risk Assessment, Security Policy and Process Review with ISO 27001 and Data Protection Policy Formulation, Documentation, Internal and External Network Vulnerability Assessment Penetration Testing, Security Configuration Review, Enterprise Security Set up, Security Threat Monitoring and SOC Services. Security Awareness Trainings.</p> <p>PO Value of the one year contract terms was 5.45 Lacs.</p>
<b>Project 12</b>	<p>The Client is a Global Leader in Mobile Financial Services &amp; Payment Solutions and pioneers in m-commerce solutions provider based in India and Middle East. (Name kept confidential due to sensitivity and security of the project work and NDA signed).</p> <p>Nature of Project Work: Security Assessment (VAPT) Testing for 06 web applications including payment gateway and API testing, 02 mobile applications along with source code review and performance testing services.</p> <p>PO Value of the one year contract terms was 4.10 Lacs.</p>

9. List of Information Security Audit Tools used ( commercial/ freeware/proprietary):

Tenable Nessus Professional	Burp Suite Professional	Acunetix
GFI LanGuard	HP Web Inspect	Nmap
Metasploit Pro	Nexpose	QualysGuard
Kali Linux Framework – Netcat, Cryptcat, Hping, Sqlmap, JTR, OpenVAS, SET, MSF, Dirbuster		
Android Debug Bridge (adb)	Mobile Security Framework (MobSF)	Drozer
John The Ripper	L0pht Crack	Brutus
Xposed Framework	Apktool	d2j-dex2jar
Hydra	OpenSSH	OpenSSL
Ettercap	WPScan	DNSdumpster
Testssl	Fluxion	Routersploit
Netstumbler	Aircrack-ng suite	HTTrack
Nikto	BeEF	OpenVAS
Wireshark – Packet Analyzer	Kismet	Cain & Able
Maltego	Putty	W3AF
Snort	Paros Proxy	SNMPWalk
RAT - Router and network management		

10. Outsourcing of Project to External Information Security Auditors / Experts: No  
(If yes, kindly provide oversight arrangement (MoU, contract etc.))
11. Whether organization has any Foreign Tie-Ups? If yes, give details: No
12. Whether organization is a subsidiary of any foreign based organization?: No
13. Locations of Overseas Headquarters/Offices, if any: N.A

\*Information as provided by **Codec Networks Pvt Ltd** on **01<sup>st</sup> July 2021**



**Snapshot of skills and competence of CERT-In empanelled  
Information Security Auditing Organisation**

**M/s ITORIZIN TECHNOLOGY SOLUTIONS PVT LTD**

1. Name & location of the empaneled Information Security Auditing Organization :

**ITORIZIN TECHNOLOGY SOLUTIONS PVT. LTD.  
8/14, SHAHID NAGAR, GROUND FLOOR,  
WING "A", KOLKATA – 700078.  
WEST BENGAL, INDIA**

2. Carrying out Information Security Audits since : **2017**

3. Capability to audit, category wise (add more if required)

- Network security audit (Y/N) : Yes
- Web-application security audit (Y/N) : Yes
- Wireless security audit (Y/N) : Yes
- Compliance audits (ISO 27001, IEC 62443, IEC 27019, PCI, etc.) (Y/N) : Yes
- Finance Sector Audits (Swift, ATMs, API, Payment Gateway etc.) (Y/N) : Yes
- ICS/OT Audits (Y/N) : Yes
- Cloud security Audits (Y/N) : Yes

4. Information Security Audits carried out in last 12 Months:

Govt. : **05**  
PSU : **NIL**  
Private : **19**  
Total Nos. of Information Security Audits done : **24**

5. Number of audits in last 12 months , category-wise

Network security audit : **07**  
Web-application security audit : **14**  
Wireless security audit : **NIL**  
Compliance audits (ISO 27001, IEC 62443, IEC 27019, PCI, etc.) : **04**  
Finance Sector Audits (Swift, ATMs, API, Payment Gateway etc.) : **NIL**  
ICS/OT Audits : **NIL**  
Cloud security Audits : **01**

6. Technical manpower deployed for information security audits:

CISSPs : **0**  
BS7799 / ISO27001 LAs : **2**  
CISAs : **0**  
DISAs / ISAs : **0**  
Any other information security qualification : **7**  
Total Nos. of Technical Personnel : **09**

7. Details of technical manpower deployed for information security audits in Government and Critical sector organizations

Sl. No.	Name of Employee	Duration with ITORIZIN TECHNOLOGY SOLUTIONS PVT LTD	Experience in Information Security	Qualifications related to Information security
1	Basudev Gangopadhyay	4 Yrs	18.8 Yrs	- ISMS LA - CEH
2	Debjyoti Chowdhury	2.4 Yrs	3.8 Yrs	- ISMS LA - CEH - CHFI - CyberArk Certified Trustee

3	Sirsendu Bharati	3.2 Yrs	4.8 Yrs	- CEH - CyberArk Certified Trustee - Vulnerability Mgmt. by Qualys
4	Susanta Saha	2.4 Yrs	13.8 Yrs	- CEH - CyberArk Certified Trustee - Vulnerability Mgmt. by Qualys
5	Asmita Sarkar	2.4 Yrs	5.8Yrs	- CEH - CHFI - CyberArk Certified Trustee - Vulnerability Mgmt. by Qualys - NSE1 Network Security associate
6	Tanmoy Samanta	2.2 Yrs	2.2 Yrs	- CEH - Google IT Support Professional Certificate (Offered By - Google through Coursera) - Cyber Security Specialization (Offered By - University of Maryland through Coursera), - Vulnerability Mgmt. by Qualys - CyberArk Trustee
7	Sourav Pal	1.7 Yrs	1.7 Yrs	- Red Hat Certified System Admin - CEH
8	Nishant Kumar	10 Months	10 Months	- ICSI - CNSS
9	Arnab Giri	3 Months	3 Months	- CEH

8. Specify Largest Project handled in terms of scope (in terms of volume, complexity, locations etc.) along with project value.

Web Application Security Assessment for a Corporate.

Project Volume: 133 nos of IPs, 24 Websites, 10 Web Apps, 11 Mobile Apps, 24 Internal Apps.

Project cost: 14.94 Lacs

9. List of Information Security Audit Tools used (commercial/ freeware/proprietary):

**Commercial**

- Burp Suite

**Freeware**

- Nessus
- Metasploit Tool
- Wire Shark
- NMap
- SQLmap
- Dirbuster
- OpenVas
- Genymotion+Santoku OS
- Postman
- Nipper
- Aircrack-ng
- Airmon-ng
- Airodump-ng
- Gerrit
- RIPS

10. Outsourcing of Project to External Information Security Auditors / Experts: Yes  
( If yes, kindly provide oversight arrangement (MoU, contract etc.)

11. Whether organization has any Foreign Tie-Ups? If yes, give details : No

12. Whether organization is a subsidiary of any foreign based organization? : No  
If yes, give details

13. Locations of Overseas Headquarters/Offices, if any : None

\*Information as provided by **ITOrizin Technology Solutions Pvt Ltd** on **01-07-2021**

**Back**

**Snapshot of skills and competence of CERT-In empanelled  
Information Security Auditing Organisation**

**M/s PRIME INFOSERV LLP**

1. Name & location of the empanelled Information Security Auditing Organization:

**Name - PRIME INFOSERV LLP,  
Address- 60, SIBACHAL ROAD, BIRATI, KOLKATA 700051**

2. Carrying out Information Security Audits since : **2010**

3. Capability to audit, category wise (add more if required)

- Network security audit (Y/NYES) - YES
- Web-application security audit (Y/N) - YES
- Wireless security audit (Y/N) - YES
- Compliance audits (ISO 27001, PCI, etc.) (Y/N) - YES

4. Information Security Audits carried out in last 12 Months :

**Govt. :<number of1>**West Bengal Electronics Industry Development Corporation Ltd. (WEBEL)  
**PSU :<number of1>**POWER SYSTEM OPERATION CORPORATION LIMITED (POSOCO), Eastern Regional Load Despatch Centre  
**Private :<number OF 20>**GKB Rx Lens Pvt. Ltd, Grasim Industries Ltd (Jaya Shree Textiles, Aditya Birla Group), Meghbela Broadband, Wooribank – Bangladesh, Essel Mining, Mihup Communication, Khadim India Ltd.  
**Total Nos. of Information Security Audits done : 22**

5. Number of audits in last 12 months, category-wise (**Organization can add categories based on project handled by them**)

Network security audit: **<9>**(Jayashree Textile, Essel Mining, Khadim, GKB Rx, Algo Energy Tech, Lexplosion, Woori Bank, Waterbase (KaramchandThaper Group), IKONET)  
 Web-application security audit: **<6>**AlgoEnergytech, Lexplosion, Woori Bank, Intelligent Image Management Inc, Saratella, Aditya Birla Insulator  
 Wireless security audit: **<number of 2>**GKB Rx Lens Pvt. Ltd, Grasim Industries Ltd (Jaya Shree Textiles, Aditya Birla Group),  
 Compliance audits (ISO 27001, PCI, etc.): **<5>**West Bengal Electronics Industry Development Corporation Ltd. (WEBEL), GKB Rx Lens Pvt. Ltd, Intelligent Image Management Inc, Meghbela Cable & Broadband Services Pvt Ltd, Matrix Media Solutions Pvt Ltd

6. Technical manpower deployed for information security audits :

CISSPs : **<2>** - Kishore Vekaria, Sabyasachi Hazra  
 BS7799 / ISO27001 LAs : **<5>**Ajai Srivastava, Saurabh Sarkar, Sabyasachi Hazra, Tapas Majumder, Sanjib Chowdhury  
 CISAs : **<3>**Sanjib Chowdhury, Tapas Majumdar, Sabyasachi Hazra  
 DISAs / ISAs : **<number of>**  
 Any other information security qualification: **<number of>**OSCP, CHFI, CEH, ECSA, PMP, PCI-DSS, CISM  
**Total Nos. of Technical Personnel : 10**

7. Details of technical manpower deployed for information security audits in Government and Critical sector organizations (attach Annexure if required)

S. No.	Name of Employee	Duration with organization	Experience in Information Security	Qualifications related to Information security
1	Kishore Vekaria	1 <sup>st</sup> Feb 2017	30+ years	CISSP, CCNA

2	Smith Gonsalves	1 <sup>st</sup> Feb 2017	5+ years	OSCP, CHFI, CEH. Certified Advance Penetration Tester
3	Sudipta Biswas	1 <sup>st</sup> May 2017	15+ years	CEH, ISMS LA, STQC-CISP, STQC-Certified Internal Information Security Auditor
4	Soumadeep Chakraborty	12 <sup>th</sup> April 2017	3+ years	CEH
5	Sanjib Chowdhury	4 <sup>th</sup> March 2019	3+ years	CISA, PCI-DSS, ISO 27001
6	Subhamoy Guha	4 <sup>th</sup> March 2019	2 years	CEH, ECSA
7	Tapas Majumder	10 <sup>th</sup> Oct 2019	5+ years	CISA, ISO 27001 Lead Auditor
8	Saurabh Sarkar	29 <sup>th</sup> Nov 2017	8+ years	ISO 27001 Lead Auditor
9	Ajai Srivastava	16 <sup>th</sup> Sept 2019	12+ years	ISO 27001 Lead Auditor, Lead Implementer 27001 & 9001
10	Sabyasachi Hazra	16 <sup>th</sup> Sept 2019	12+ years	CISSP, CISA, CISM, CRISC, PMP, LA, CEH

8. Specify Largest Project handled in terms of scope (in terms of volume, complexity, locations etc.) along with project value.

- Project – Compliance Audit and VAPT
- Customer Name - GKB Rx Lens Pvt Ltd
- Total value – 1534000/-
- Location – Kolkata, West Bengal
- Complexity – Large infra across India with diverse platform and technologies. There were global compliance norms for GDPR and ISO 27001 framework for their mother organization Essilor

9. List of Information Security Audit Tools used (commercial/ freeware/proprietary): Netcat

10. Netcat , NMAP, Metasploit Framework, Vega, W3af, OWASP Zed Attack Proxy Project, Firefox addon, Kali Linux tools , Nessus, Burpsuit, NetSparker, Accunetix, F-Secure Radar.

11. Outsourcing of Project to External Information Security Auditors / Experts : No  
( If yes, kindly provide oversight arrangement (MoU, contract etc.))

11. Whether organization has any Foreign Tie-Ups? If yes, give details : No

12. Whether organization is a subsidiary of any foreign based organization? : No  
If yes, give details

13. Locations of Overseas Headquarters/Offices, if any : No

\*Information as provided by PRIIME INFOSERV LLP on 26-10-2020

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**Snapshot of skills and competence of CERT-In empanelled  
Information Security Auditing Organisation**

**M/s QRC Assurance and Solutions Private Limited**

1. Name & location of the empanelled Information Security Auditing Organization :

- **Name: QRC Assurance and Solutions Private Limited**
- **Location: Office No 508, Plot No 8, Ellora Fiesta, Sector -11, Sanpada, Navi Mumbai, Maharashtra, India, 400705**

2. Carrying out Information Security Audits since : **2016**

3. Capability to audit, category wise (add more if required)

- |  |   |     |
|--|---|-----|
| • Network security audit                   | : | Yes |
| • Web-application security audit           | : | Yes |
| • Wireless security audit                  | : | Yes |
| • Compliance audits (ISO 27001, PCI, etc.) | : | Yes |
| • Vulnerability Assessment                 | : | Yes |
| • Penetration Testing                      | : | Yes |
| • Mobile Application Security Testing      | : | Yes |
| • API Security Testing                     | : | Yes |

4. Information Security Audits carried out in last 12 Months:

- |  |   |                   |
|--|---|-------------------|
| • Govt.  | : | <b>One (1)</b>    |
| • PSU  | : | <b>Zero</b>       |
| • Private  | : | <b>Sixty (60)</b> |
| • Total Nos. of Information Security Audits done | : | <b>Sixty (60)</b> |

5. Number of audits in last 12 months, category-wise (**Organization can add categories based on project handled by them**)

- |  |   |            |
|--|---|------------|
| • Network security audit                   | : | <b>50</b>  |
| • Web-application security audit           | : | <b>35</b>  |
| • Wireless security audit                  | : | <b>1</b>   |
| • Compliance audits (ISO 27001, PCI, etc.) | : | <b>40</b>  |
| • Vulnerability Assessment                 | : | <b>100</b> |
| • Penetration Testing                      | : | <b>100</b> |
| • Mobile Application Security Testing      | : | <b>15</b>  |
| • API Security Testing                     | : | <b>25</b>  |

6. Technical manpower deployed for information security audits:

- |   |   |                  |
|---|---|------------------|
| • CISSPs  | : | <b>None</b>      |
| • BS7799 / ISO27001 LAs                         | : | <b>Six(6)</b>    |
| • CISAs   | : | <b>Three (3)</b> |
| • DISAs / ISAs                                  | : | <b>None</b>      |
| • Any other information security qualification: |   |                  |
| • CISM: <b>One (1)</b>                          |   |                  |
| • CDPSE: <b>Two (2)</b>                         |   |                  |
| • CRISC: <b>One (1)</b>                         |   |                  |
| • CEH: <b>Five (5)</b>                          |   |                  |
| • CHFI: <b>One (1)</b>                          |   |                  |
| • ECSA: <b>One (1)</b>                          |   |                  |
| • OSCP: <b>One (1)</b>                          |   |                  |
| • PCI-QSA: <b>Five(5)</b>                       |   |                  |
| ▪ PA-QSA: <b>One (1)</b>                        |   |                  |
| ▪ PCI-3DSA: <b>One (1)</b>                      |   |                  |

▪ **Total Nos. of Technical Personnel** : **20**

7. Details of technical manpower deployed for information security audits in Government and Critical sector organizations (attach Annexure if required)

S. No	Name of Employee	Duration with QRC	Experience in Information Security	Qualifications related to Information security
1.	Mr Vamsikrishna Maramganti	04 years 10 months	19 years	PCI-QSA, PA-QSA, CDPSE, ISO 27001 Lead Auditor, CISA, HIPPPAA, COBIT 5, ITIL Foundation
2.	Mr Kalpesh Vyas	03 years 03 months	19 years	PCI-QSA, PCI-3DSA, CISA, CISM, CRISC, CDPSE, ISO 27001 LA
3.	Ms Akshata Bhaskar	04 years 10 months	6 Years	CISA, ISO27001:2013. LA, PCI-QSA
4.	Mr Hare Krishna Tiwari	04 years 06 months	6 Years	MS (Cyberlaw & Information Security), ISO 27001:2013 LA, ISO 27001:2013 LI, PCI-QSA
5.	Mr Vicky Fernandes	02 years 11 months	5.3 years	BE (IT), CEH, CHFI, ECSA, RHCSA
6.	Mr Prashant Srivastava	03 years 04 months	3.4 years	B. Tech (IT), CEH, OSCP
7.	Mr Shashwat Verma	03 years 02 months	3.2 Years	B. Tech (IT)
8.	Mr Saif Ahmad	03 years 02 months	3.2 Years	B. Tech (IT)

8. Specify Largest Project handled in terms of scope (in terms of volume, complexity, locations etc.) along with project value.

1. One of the banks in India:

- Enterprise Vulnerability Assessment and Penetration Testing services including Infrastructure VAPT audit of 350+ Servers
- Web and Mobile Application Security Assessments for 5+ applications
- PCIDSS Audit
- Information Security and Systems Audit

Project Value: Confidential

2. One of the Payment Gateways in India:

- Vulnerability Assessment and Penetration Testing covering about 50+ systems
- Web and Mobile Application Security Testing of 4+ critical Payment Gateway Applications
- PCIDSS Audit

Project Value: Confidential

3. One of the BPOs in USA

- Vulnerability Assessment and Penetration Testing covering 200+ systems across 3 International Geographic Locations
- PCIDSS Audit for three (3) multiple locations across Globe

Project Value: Confidential

9. List of Information Security Audit Tools used (commercial/ freeware/proprietary):

A. Commercial Tools

1. Nessus Professional
2. Netsparker Professional
3. Burp Suite Professional
4. QualysGuard

B. Open Source

1. Kali Linux

2. Nmap
3. Wireshark
4. OWASP ZAP
5. SSL Scan
6. HTTrack
7. Network Stumbler
8. Aircrack suite
9. Nikto
10. Cain and Abel
11. Mobile Security Framework
12. L0phtcrack: Password Cracker
13. OpenVas
14. W3af
15. Directory Buster
16. SQL Map
17. Android Tamer
18. Metasploit

C. Proprietary Tools (Inhouse developed)

1. QRC dataFinder

10. Outsourcing of Project to External Information Security Auditors / Experts : No

(If yes, kindly provide oversight arrangement (MoU, contract etc.))

11. Whether organization has any Foreign Tie-Ups? If yes, give details : No

12. Whether organization is a subsidiary of any foreign based organization? : No

If yes, give details

13. Locations of Overseas Headquarters/Offices, if any : No

\*Information as provided by QRC Assurance and Solutions Private Limited on 26-October-2020

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**Snapshot of skills and competence of CERT-In empanelled  
Information Security Auditing Organisation**

**M/s RNR Consulting Private Limited**

1. Name & location of the empanelled Information Security Auditing Organization :

**RNR Consulting Private Limited.  
E-16/169, Sector-8, Rohini,  
Delhi 110085**

2. Carrying out Information Security Audits since : **2014**

3. Capability to audit , category wise (add more if required)

• Network security audit	:	Y
• Web-application security audit	:	Y
• Wireless security audit	:	Y
• Compliance audits (ISO 27001, IEC 62443, IEC 27019, PCI, etc.)	:	Y
• Finance Sector Audits (Swift,ATMs, API, Payment Gateway etc.)	:	Y
• ICS/OT Audits	:	Y
• Cloud security Audits	:	Y
• Device Security Audits	:	Y
• RBI Audits	:	Y

4. Information Security Audits carried out in last 12 Months:

Govt.	:	<b>14+</b>
PSU	:	5+
Private	:	40+
Total Nos. of Information Security Audits done	:	100+

5. Number of audits in last 12 months, category-wise (**Organization can add categories based on project handled by them**)

Network security audit	:	<b>15+</b>
Web-application security audit	:	<b>100+</b>
Wireless security audit	:	<b>10+</b>
Compliance audits (ISO 27001, IEC 62443, IEC 27019, PCI, etc.)	:	<b>20+</b>
Finance Sector Audits (Swift,ATMs, API, Payment Gateway etc.)	:	<b>30+</b>
ICS/OT Audits	:	<b>4+</b>
Cloud security Audits	:	<b>20+</b>
Device Security Audits	:	50+
RBI Audits	:	10+

6. Technical manpower deployed for information security audits:

CISSPs	:	<b>3</b>
BS7799 / ISO27001 LAs	:	<b>14</b>
CISAs	:	<b>2</b>
DISAs / ISAs	:	<b>2</b>
Any other information security qualification	:	<b>:15(CEH etc..)</b>
Total Nos. of Technical Personnel	:	<b>24</b>

7. Details of technical manpower deployed for information security audits in Government and Critical sector organizations (attach Annexure if required)

S. No.	Name of Employee	Duration with <organization>	Experience in Information Security	Qualifications related to Information security
1	Nitish Goyal	6+ years	8+ years	CISSP, CISA, CEH, ISO27001 LA, PCI-DSS
2	Jagbir Singh	6+ years	12+ years	CEH, CHFI, ISO27001 LA, SANS certified, Cyber Law
3	Arup Roy	6+ years	30+ years	M.S (State Univ. New

				York) MBA, Lead Auditor for ISO 27001, ISO 20000, ISO 22301, ISO 9001, BS 10012
4	Vinay Singh	6+ years	14+ years	CISA, ISO27001, CEH, MCSE, CCNA, Penetration Tester, Network +
5	Shyam Thakur	6+ years	9+ years	ISO27001, CEH
6	Rakesh Kumar	1+ year	4 years	CEH, CCNA, MCSE
7	Vibha Gupta	1+ year	2+ years	CEH
8	Narendra	1+ year	2+ years	CEH
9	Arun Goyal	6+ years	6+ years	CISA, CCNA, CCNP
10	Mousumi Pattnayak	1+ years	2+ years	ISO 27001
11	Abhay Mathur	1+ years	23+ years	ISO 27001

8. Specify Largest Project handled in terms of scope (in terms of volume, complexity, locations etc.) along with project value.

9. List of Information Security Audit Tools used(commercial/ freeware/proprietary):

Nessus, BurpSuite, Metasploit, OpenVAS, NIPPER etc.

10. Outsourcing of Project to External Information Security Auditors / Experts: Yes, Contact, NDA and MoUs

(If yes, kindly provide oversight arrangement (MoU, contract etc.))

11. Whether organization has any Foreign Tie-Ups? If yes, give details: No

12. Whether organization is a subsidiary of any foreign based organization?: No  
If yes, give details

13. Locations of Overseas Headquarters/Offices, if any: No

\*Information as provided by RNR Consulting Private Limited on 22<sup>ND</sup> Feb 2022

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**Snapshot of skills and competence of CERT-In empanelled  
Information Security Auditing Organisation**

**M/s Satrix Information Security Pvt. Ltd.**

1. Name & location of the empanelled Information Security Auditing Organization :

**Satrix Information Security (P) Ltd**

2. Carrying out Information Security Audits since : **2014**

3. Capability to audit , category wise (add more if required)

• Network security audit (Y/N)	:	Y
• Web-application security audit (Y/N)	:	Y
• Wireless security audit (Y/N)	:	Y
• Compliance audits (ISO 27001, PCI, etc.) (Y/N)	:	Y

4. Information Security Audits carried out in last 12 Months :

Govt.	:	<b>0</b>
PSU	:	<b>0</b>
Private	:	<b>3</b>
Total Nos. of Information Security Audits done	:	<b>3</b>

5. Number of audits in last 12 months , category-wise **(Organization can add categories based on project handled by them)**

Network security audit	:	<b>3</b>
Web-application security audit	:	<b>3</b>
Wireless security audit	:	<b>3</b>
Compliance audits (ISO 27001, PCI, etc.)	:	<b>0</b>

6. Technical manpower deployed for information security audits :

CISSPs	:	<b>1</b>
BS7799 / ISO27001 LAs	:	<b>2</b>
CISAs	:	<b>1</b>
DISAs / ISAs	:	<b>0</b>
Any other information security qualification	: <b>CEH, MF Fortify</b>	
Total Nos. of Technical Personnel	:	13

7. Details of technical manpower deployed for information security audits in Government and Critical sector organizations (attach Annexure if required)

S. No.	Name of Employee	Duration with Satrix	Experience in Information Security	Qualifications related to Information security
1	Krunal Mendapara	5.5 years	5.5 years	B.Tech, CeH
2	Yash Zalawadia	3.5 years	3.5 years	B.E, CeH
3	Anurag Priyam	5 years	5 years	B.E, CeH, AWS Cloud Practitioner
4	Anil Kumar	2 years	3.5 years	B.E, CeH
5	Ankit Shah	2.5 years	2.5 years	B.E
6	Mahendra Patel	1 year	14 years	B.E, MBA
7	Sudhanshu Singh	1.5 years	1.5 years	BSc-IT
8	Ashutosh	3.5 years	3.5 years	B.Tech, AWS Associate Solution Architect

8. Specify Largest Project handled in terms of scope (in terms of volume, complexity, locations etc.) along with project value.

- Project 1
  - Location – USA
  - Project – infrastructure audit
  - Activity – Vulnerability Assessment, Penetration Testing, Reporting and remediation suggestion, Remediation of Vulnerability and patching activity
  - Location – 3
  - Volume – 5000 users
  - Project Value - \$80K+

9. List of Information Security Audit Tools used (Commercial/ freeware/proprietary):

- Commercial – MF Fortify SSC, MF Fortify SCA, Nessus, Rapid7
- Freeware – burp suit, Kali linux, Metasploit, SQL Map, NMAP, Wireshark, W3AF, Aircrack

10. Outsourcing of Project to External Information Security Auditors / Experts : No  
( If yes, kindly provide oversight arrangement (MoU, contract etc.))

11. Whether organization has any Foreign Tie-Ups? If yes, give details : No

12. Whether organization is a subsidiary of any foreign based organization? : No  
If yes, give details

13. Locations of Overseas Headquarters/Offices, if any : Yes

\*Information as provided by Sattrix Information Security (P) Ltd. on 28-Oct-2020

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**Snapshot of skills and competence of CERT-In empanelled  
Information Security Auditing Organisation**

**M/s Tata Advanced Systems Ltd.**

1. Name & location of the empaneled Information Security Auditing Organization:

**Organization Name: Tata Advanced Systems Ltd.  
(Cyber & Physical Security Division)  
Location: Office No. 15, 6th floor, Tower 1, Stellar IT Park, C-25, Sector-62  
Noida, Uttar Pradesh, India. PIN - 201307**

2. Carrying out Information Security Audits since : **2017**

3. Capability to audit, category wise (add more if required)

Network security audit (Y/N)	:	<b>Y</b>
Web-application security audit (Y/N)	:	<b>Y</b>
Wireless security audit (Y/N)	:	<b>Y</b>
Compliance audits (ISO 27001, PCI, etc.) (Y/N)	:	<b>Y</b>
Android Security Audit(Y/N)	:	<b>Y</b>
IOS security Audit(Y/N)	:	<b>Y</b>
IOT Security Audit(Y/N)	:	<b>Y</b>

4. Information Security Audits carried out in last 12 Months:

Govt.	:	<b>0</b>
PSU	:	<b>0</b>
Private	:	<b>6</b>
Total Nos. of Information Security Audits done	:	<b>6</b>

5. Number of audits in last 12 months, category-wise (**Organization can add categories based on project handled by them**)

Network security audit	:	<b>4 (500+ Servers &amp; 250+ Network Devices)</b>
Web-application security audit	:	<b>20+ Applications</b>
Wireless security audit	:	<b>4</b>
Android Security Audit	:	<b>3</b>
IOS security Audit	:	<b>1</b>
Compliance audits (ISO 27001, PCI, etc.)	:	<b>NIL</b>

6. Technical manpower deployed for information security audits :

CISSPs	:	<b>1</b>
BS7799 / ISO27001 LAs	:	<b>N/A</b>
CISAs	:	<b>N/A</b>
DISAs / ISAs	:	<b>N/A</b>
CEH	:	<b>4</b>
ECSA	:	<b>1</b>
CHFI	:	<b>2</b>
Total Nos. of Technical Personnel	:	<b>7</b>

7. Details of technical manpower deployed for information security audits in Government and Critical sector organizations (attach Annexure if required)

S. No.	Name of Employee	Duration with TATA Advanced Systems Ltd	Experience in Information Security	Qualifications related to Information security
1	Arun Kumar	1 year 10 months	12 years	M.S. (software systems), CISSP
2	Ankit Gupta	1 year 10 months	6 Years	MCA, CHFI & ECSA
3	Kamaljeet Kumar	1 year 9 months	2 years 3 months	M.Tech (Cyber Security), CEH (Practical) v10
4	Nitya Nand	9 months	2 years 5 months	MCA, CEH-v10
5	Jesna Joy	9 months	3 years 6 months	B.Tech (CSE),CEH-V10
6	Yash Kansal	2months	2months	Post Graduate Diploma in Cyber Security and Law

8. Specify Largest Project handled in terms of scope (in terms of volume, complexity, locations etc.) along with project value.

S. No.	Organization Type	Volume	Complexity	Locations	Project Value
1	Aviation Industry	<p>Network Devices 150+</p> <p>Servers: 350+</p> <p>Web - Applications: 15+</p> <p>Mobile Application (Android &amp; IOS): 20</p>	<p>On-prem and multi-cloud Infra spread across various availability zones.</p> <p>The organization houses multi-vendor SaaS products including inhouse application servicing 4000+ mobile workforce across 34 locations</p>	<p>Ahmedabad Bhubaneswar Bangalore Mumbai Delhi Dibrugarh Guwahati Goa Gurgaon Bagdogra Lucknow Mumbai Pune Raipur Amritsar Kolkata Cochin Hyderabad Chandigarh Jammu Ranchi Chennai Srinagar Varanasi</p>	<p>INR 2,900,000/-</p>

9. List of Information Security Audit Tools used (commercial/ freeware/proprietary):

- Commercial Tools:** Nexpose, Burp suite, Netalytics
- Freeware Tools:** Kali Linux, MobSF, Wireshark, Nipper, Powershell Empire, Virus Total, Drozer, Frida & Objection, Inspeckage, APKtools, Shodan, Nmap, Metasploit, Nikto, ZAP, Responder, Impacket Crackmapexec, onesixtyone, Searchsploit, Maltego, LFI suite, SQLMAP and etc.
- Proprietary Tools:** Netalytics

10. Outsourcing of Project to External Information Security Auditors / Experts : **No**  
( If yes, kindly provide oversight arrangement (MoU, contract etc.))
11. Whether organization has any Foreign Tie-Ups? If yes, give details : **No**
12. Whether organization is a subsidiary of any foreign based organization? : **No**  
If yes, give details

13. Locations of Overseas Headquarters/Offices, if any : **No**

\*Information as provided by TATA Advanced Systems Ltd. on 26<sup>th</sup> October 2020

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**Snapshot of skills and competence of CERT-In empanelled  
Information Security Auditing Organisation**

**M/s Dr CBS Cyber Security Services LLP**

1. Name & location of the empanelled Information Security Auditing Organization :

**Dr CBS Cyber Security Services LLP  
113, Suraj Nagar East, Civil Lines, Jaipur, Rajasthan-302006**

2. Carrying out Information Security Audits since : **2017**

3. Capability to audit , category wise (add more if required)

<b>Network security audit (Y/N) :</b>	<b>Yes</b>
<b>Web-application security audit (Y/N) :</b>	<b>Yes</b>
<b>Wireless security audit (Y/N) :</b>	<b>Yes</b>
<b>Compliance audits (ISO 27001, PCI, etc.) (Y/N)</b>	<b>Yes</b>
<b>End Point Security Audit (Y/N)</b>	<b>Yes</b>
<b>Information Security Policies Formulation&amp; Review as per Legal Mandates &amp; International Standards(ISO/IEC 27001:2013, ISO 27002, Rule 4 &amp; 8 of IT Reasonable Security Practice &amp; Procedure &amp; Sensitive Personal Data Rules 2011(Y/N) :</b>	<b>Yes</b>
<b>Communications Security Testing (Y/N) :</b>	<b>Yes</b>
<b>Vulnerability Assessment &amp; Penetration Testing (Y/N) :</b>	<b>Yes</b>
<b>Exploitation of Vulnerabilities (Y/N)</b>	<b>Yes</b>
<b>Network Mapping (Y/N)</b>	<b>Yes</b>
<b>Application Security Assessment (Y/N)</b>	<b>Yes</b>
<b>Malware Backdoor Detection</b>	<b>Yes</b>
<b>Risk Assessment(Y/N) :</b>	<b>Yes</b>
<b>Physical Security Review (Y/N) :</b>	<b>Yes</b>
<b>Information Security Trainings (User awareness&amp; counseling, cybercrime investigation, technical training, etc.) (Y/N) :</b>	<b>Yes</b>
<b>Enterprise Security Architecture Review (Y/N) :</b>	<b>Yes</b>
<b>Data Leak Prevention (DLP) consulting (Y/N) :</b>	<b>Yes</b>
<b>Mobile Application Security Audit (Y/N) :</b>	<b>Yes</b>
<b>Compliance Audit (GDPR, RBI, SEBI, Stock Exchanges, IRDA etc.) (Y/N) :</b>	<b>Yes</b>
<b>API Security Audit (Y/N) :</b>	<b>Yes</b>
<b>Network Performance Testing (Y/N) :</b>	<b>Yes</b>
<b>Cloud Security Audit (Y/N) :</b>	<b>Yes</b>
<b>Source Code Review/Audit (Y/N) :</b>	<b>Yes</b>
<b>Incident Response (Y/N) :</b>	<b>Yes</b>
<b>IoT Security Assessment (Y/N) :</b>	<b>Yes</b>
<b>Data Centre Audit / Security Operation Centre (SOC) Audit</b>	<b>Yes</b>
<b>Authentication User Agency (AUA ) / KYC User Agency (KUA) - Aadhaar Audit) (Y/N) :</b>	<b>Yes</b>
<b>Electronic Signature (e-Sign) Compliance audit(Y/N) :</b>	<b>Yes</b>
<b>Red Team Assessment (Y/N) :</b>	<b>Yes</b>
<b>AEPS &amp; AadhaarPay Micro ATM Audit (Y/N) :</b>	<b>Yes</b>
<b>Supervisory Control &amp; Data Acquisition(SCADA) Security Audit (Y/N) :</b>	<b>Yes</b>
<b>Cyber Forensics (Y/N) :</b>	<b>Yes</b>

4. Information Security Audits carried out in last 12 Months :

Govt. : **02**  
PSU : **00**  
Private : **05**  
Total Nos. of Information Security Audits done : **07**

5. Number of audits in last 12 months , category-wise (**Organization can add categories based on project handled by them**)

Network security audit: **06**  
Web-application security audit: **12**  
Wireless security audit: **06**  
Formulation of IT Security Policies: **01**  
Compliance audits (ISO 27001, PCI, etc.): **00**



6. Technical manpower deployed for information security audits :

CISSPs : **00**  
BS7799 / ISO27001:2013 Lead Auditors : **05**  
CISAs : **00**  
DISAs / ISAs : **01**  
Any other information security qualification:

Certified Ethical Hacker (CEH) from EC Council:	<b>05</b>
Diploma in Cyber Law :	<b>07</b>
Certificate in International Law on E-Commerce :	<b>02</b>
Masters in Cyber Security (M.Tech) :	<b>01</b>
Masters in Computer Science (M.Tech) :	<b>01</b>
MSc (IT) :	<b>01</b>
MSc (Micro Electronics) :	<b>01</b>
MSc (Advance Electronics ) :	<b>01</b>
Bachelor of Technology (B.Tech-CSE/ECE) :	<b>06</b>
Bachelor in Law :	<b>01</b>
Any other information security qualification :	<b>08</b>
Total Nos. of Technical Personnel :	<b>09</b>

7. Details of technical manpower deployed for information security audits in Government and Critical sector organizations (attach Annexure if required)

S. No.	Name of Employee	Duration with organization	Experience in Information Security	Qualifications related to Information security
1.	<b>Dr C B Sharma IPS (R)</b>	05 Years	05+Years	<ul style="list-style-type: none"> <li>• Certified Lead Auditor ISMS(ISO/ IEC 27001:2013) from Indian Institute of Quality Management (IIQM)</li> <li>• Diploma in Cyber Law</li> <li>• MSc Physics (Microwave Electronics),</li> <li>• LL.B,</li> <li>• MA Philosophy,</li> <li>• PhD</li> </ul>
2	<b>Mrs. Swati Vashisth</b>	05 Years	05+ Years	<ul style="list-style-type: none"> <li>• B.Tech (CSE),</li> <li>• MBA(PGDRM) from IRMA</li> <li>• Certified Lead Auditor ISMS (ISO/IEC 27001:2013) from Indian Institute of Quality Management (IIQM),</li> <li>• Diploma in Cyber Law,</li> <li>• Diploma in Information System Audit (DISA) from Indian Institute of Banking Finance (IIBF)</li> <li>• Certified Ethical Hacker from EC Council,</li> <li>• Certificate in <b>Prevention Of Cyber Crimes And Fraud Management</b> from Indian Institute of Banking Finance (IIBF)</li> <li>• Certification in <b>IT Security</b>, from Indian Institute of Banking Finance (IIBF)</li> <li>• Certification in <b>Information System Banker</b> from Indian Institute of Banking Finance (IIBF)</li> </ul>

3	<b>Mr. SachinKumar Sharma</b>	05 Years	05+ Years	<ul style="list-style-type: none"> <li>• B.Tech (CSE),</li> <li>• M.Tech(CSE),</li> <li>• Certified Lead Auditor ISMS (ISO/IEC 27001:2013) from Indian Institute of Quality Management (IIQM),</li> <li>• Certified Ethical Hacker from EC Council,</li> <li>• Diploma in Cyber Law,</li> <li>• Certificate in International Law on E-Commerce</li> </ul>
4	<b>Mr. Satyendra Singh</b>	05 years	05+ Years	<ul style="list-style-type: none"> <li>• M.Sc (IT),</li> <li>• Certified Lead Auditor ISMS (ISO/IEC 27001:2013) from Indian Institute of Quality Management (IIQM),</li> <li>• Diploma in Cyber Law,</li> <li>• Certified Ethical Hacker from EC Council</li> </ul>
5.	<b>Mrs. Manju Sharma</b>	05 years	05+ Years	<ul style="list-style-type: none"> <li>• Diploma in Cyber Law</li> <li>• BSc</li> <li>• MA</li> <li>• Diploma in Textile Designing</li> </ul>
6.	<b>Mr. VishrantOjha</b>	02 Years	02+ Years	<ul style="list-style-type: none"> <li>• B.Tech (ECE),</li> <li>• M.Tech(Cyber Security) from Sardar Patel Police University, Jodhpur,</li> <li>• Diploma in Cyber Law</li> <li>• Certified Ethical Hacker from EC Council</li> </ul>
7	<b>Mr. Ramesh Prasad Verma</b>	03 years	03+ Years	<ul style="list-style-type: none"> <li>• Polytechnic diploma (ECE),</li> <li>• Certified Lead Auditor ISMS (ISO/IEC 27001:2013) from Indian Institute of Quality Management (IIQM),</li> <li>• Certified Ethical Hacker from EC Council,</li> <li>• Diploma in Cyber Law,</li> <li>• Red Hat Linux Certification,</li> <li>• HCL CDC network administration</li> </ul>
8	<b>Mr. Balkrishna Sharma</b>	2 Years	02+ Years	<ul style="list-style-type: none"> <li>• B.Tech (CSE)</li> <li>• CCNA,</li> <li>• MCITP from Microsoft</li> </ul>
9.	<b>Prof. (Dr.) Yogesh Chandra Sharma</b> <b>(Research &amp; Development)</b>	0.5 Year	23 Years' Experience in Research & Development in the field of advanced electronics, Condensed Matter and	<ul style="list-style-type: none"> <li>• PhD (Physics with specialization in Condensed Matter Physics )</li> <li>• MSc (Physics with Specialization in Advanced Electronics)</li> <li>• BSc</li> <li>• Diploma in cyber Law ( pursuing)</li> </ul>

			Thermoelectrics	<ul style="list-style-type: none"> <li>• Member American Physical Society</li> <li>• Vice President, IAPT, Rajasthan Jaipur Chapter</li> <li>• Treasurer , MRSI (IISc, Bangalore) Rajasthan Chapter</li> <li>• Supervised 11 PhD thesis, 20 PG projects &amp; 20 UG projects</li> <li>• Have Guided &amp; Supervised 8 Projects of about 50 lacs with agencies like DRDO, RRCAT, IUAC, RTU etc.</li> <li>• Have published more than 50 research papers</li> <li>• Have organized more than 20 national and international conferences / workshops</li> </ul>
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8. Specify Largest Project handled in terms of scope (in terms of volume, complexity, locations etc.) along with project value.

S.No.	Organization	Scope	Details of IT Infrastructure	Location
1.	<b>One of the leading textile &amp; garment manufacturer company of India</b>  <b>Project Value : NA</b>	1. Gap Analysis and Review of Existing Policies 2. Risk Assessment and Vulnerability Assessment (End Point, Server, Network, Firewall, Routers, Switches, E-mail, Website, Web Application, Mobile Application, Software, Back-up, CCTV etc.) 3. Penetration Testing 4. Exploitation of Vulnerabilities ( In the System and Networks). 5. Detailed Documented IT Security Audit Report and Actionable Items etc. ( Top Critical Vulnerability, End Point Security, Server Related Vulnerability, Network, Internet and Wireless Security. 6. Web Application Software Security 7. Physical Access Control and Security 8. Conceptual Guidance ( IT Security Standards and Controls etc.) 9. Information Security Training and Awareness.	Documented Audit Report as per Scope of work of : Computers: <b>1091</b> , Servers: <b>18</b> , Firewall: <b>16</b> , Switches: <b>110</b> , Wi-Fi: <b>22</b> , DVR: <b>28</b> Cameras: <b>295</b>	Total 19 locations at <b>Mumbai, Tarapur, Daman, Silvassa, &amp; Bhiwandi</b>
2.	<b>One of the Biggest leader in field of Solar power energy products</b>  <b>Project Value : NA</b>	1. Gap Analysis and Review of Existing Policies 2. Risk Assessment and Vulnerability Assessment (End Point, Server, Network, Firewall, Routers, Switches, E-mail, Website, Web Application,	Documented Audit Report as per Scope of work of : Computers: 198, Servers: 02, Firewall: 02, Switches: 03	Total <b>06</b> locations at <b>Mumbai, Pune, Bengalore, Chennai, Gurugram &amp; Dubai</b>

		<p>Mobile Application, Software, Back-up, CCTV etc.)</p> <p>3. Penetration Testing</p> <p>4. Exploitation of Vulnerabilities ( In the System and Networks).</p> <p>5. Detailed Documented IT Security Audit Report and Actionable Items etc.( Top Critical Vulnerability, End Point Security, Server Related Vulnerability, Network, Internet and Wireless Security.</p> <p>6. Web Application Software Security</p> <p>7. Physical Access Control and Security</p> <p>8. Conceptual Guidance( IT Security Standards and Controls etc.)</p> <p>9. Information Security Training and Awareness.</p>	<p>Wi-Fi:15</p> <p>S/w application: 02</p> <p>DVR: 1,</p> <p>Cameras: 8</p>	
<b>3.</b>	<b>Asia's largest tier-4 data center in India</b>	<p>IT Security Audit of Data Center</p> <p>1. Logical Security</p> <p>2. Physical Security</p>	<p>Documented Audit Report as per Scope of work of :</p> <p>ANSI/TIA-942 Design Certification: Rated-4/Tier-4: Fault Tolerant Site Infrastructure On:</p> <p>i) Certification and Compliances</p> <p>ii) Physical Security</p> <p>iii) Logical Security</p> <p>iv) Recommendation</p>	<b>Hyderabad</b>
<b>4.</b>	<b>Tier-4 data center in India</b>	<p>IT Security Audit of Data Center</p> <p>1. Logical Security</p> <p>2. Physical Security</p>	<p>Documented Audit Report as per Scope of work of :</p> <p>ANSI/TIA-942 Design Certification: Rated-4/Tier-4: Fault Tolerant Site Infrastructure On:</p> <p>i) Certification and Compliances</p> <p>ii) Physical Security</p> <p>iii) Logical Security</p> <p>iv) Recommendation</p>	<b>Mumbai</b>

5.	<p><b>One of the Indo-US Organization in field of Geosynthetic material</b></p> <p><b>Project Value : NA</b></p>	<p>1. Gap Analysis and Review of Existing Policies</p> <p>2. Risk Assessment and Vulnerability Assessment (End Point, Server, Network, Firewall, Routers, Switches, E-mail, Website, Web Application, Mobile Application, Software, Back-up, CCTV etc.)</p> <p>3. Penetration Testing</p> <p>4. Exploitation of Vulnerabilities ( In the System and Networks).</p> <p>5. Detailed Documented IT Security Audit Report and Actionable Items etc.( Top Critical Vulnerability, End Point Security, Server Related Vulnerability, Network, Internet and Wireless Security.</p> <p>6. Web Application Software Security</p> <p>7. Physical Access Control and Security</p> <p>8. Conceptual Guidance (IT Security Standards and Controls etc.)</p> <p>9. Information Security Training and Awareness</p>	<p>Documented Audit Report as per Scope of work of :</p> <p>Computers:121, Servers:3, Firewall:01, S/w application: 01</p> <p>Wi-Fi:07</p> <p>DVR: 1,</p> <p>Cameras: 8</p>	<p>Total <b>03</b> locations at <b>Mumbai, Daheli, Daman</b></p>
6.	<p><b>One of the leading textile &amp; garment manufacturer company of India</b></p> <p><b>Project Value : NA</b></p>	<p>1. Gap Analysis and Review of Existing Policies</p> <p>2. Risk Assessment and Vulnerability Assessment (End Point, Server, Network, Firewall, Routers, Switches, E-mail, Website, Web Application, Mobile Application, Software, Back-up, CCTV etc.)</p> <p>3. Penetration Testing</p> <p>4. Exploitation of Vulnerabilities (In the System and Networks).</p> <p>5. Detailed Documented IT Security Audit Report and Actionable Items etc. (Top Critical Vulnerability, End Point Security, Server Related Vulnerability, Network, Internet and Wireless Security.</p> <p>6. Web Application Software Security</p> <p>7. Physical Access Control and Security</p> <p>8. Conceptual Guidance ( IT Security Standards and Controls etc.)</p> <p>9. Information Security Training and Awareness.</p>	<p><b>Documented Audit Report as per Scope of work of :</b></p> <p>Computer: <b>1237</b>, Servers: <b>15</b>, Switches: <b>138</b>, Firewall: <b>16</b>, Wi-Fi: <b>29</b>, Web application: <b>01</b>, DVR: <b>36</b>, Cameras: <b>413</b></p>	<p>Total <b>18</b> locations at <b>Mumbai, Tarapur, Daman, Silvassa, Amravati &amp; Bhiwandi</b></p>

7.	<b>A prominent Principal Investment Organization</b>  <b>Project Value : NA</b>	Formulation of IT Security Policies	Formulation of following IT Security Policies: 1. Identification, Asset Management & Disposal ,Acceptable Use (including Software) Policy 2. E-Mail, Information Transfer & Social Media Policy 3. HR Policy 4. Business Continuity and Backup Policy 5. Clear Screen & Clear Desk Policy 6. Network, Internet, Wi-Fi, LAN, Access Control, Server Room & Log Policy 7. Data Security and Cryptography Policy (including Data Centers) 8. Privacy Policy (Non Disclosure with third parties) 9. CCTV Policy 10. Password Policy 11. Mobile device and Teleworking	<b>Mumbai</b>
8.	<b>A leading Polyester company in India</b>	1. Gap Analysis and Review of Existing Policies 2. Risk Assessment and Vulnerability Assessment (End Point, Server, Network, Firewall, Routers, Switches, E-mail, Website, Web Application, Mobile Application, Software, Back-up, CCTV etc.) 3. Penetration Testing 4. Exploitation of	Documented Audit Report as per Scope of work of : Total no. of End Point Computers :67 Servers: 04 Firewall:01 Switches: 03 Web application: 01 Wi-Fi :03	<b>Mumbai</b>

		<p>Vulnerabilities ( In the System and Networks).</p> <p>5. Detailed Documented IT Security Audit Report and Actionable Items etc.( Top Critical Vulnerability, End Point Security, Server Related Vulnerability, Network, Internet and Wireless Security.</p> <p>6. Web Application Software Security</p> <p>7. Physical Access Control and Security</p> <p>8. Conceptual Guidance( IT Security Standards and Controls etc.)</p> <p>9. Information Security Training and Awareness</p>	CCTV-DVR: 09-01	
9.	<p><b>IT Security Audit of Typing Software Functionality&amp; IT security guidelines to be followed during Online Examination / Computer Based Assessment</b></p> <p><b>Project Value: NA</b></p>	Vulnerability assessment and penetration Testing, Manual & tool based audit, flow of the application & other technical observations	-----	<b>Jaipur</b>
10.	<p><b>Online Examination Security Audit</b></p> <p><b>Project Value : NA</b></p>	<ol style="list-style-type: none"> <li>1. Physical / Logical Security of the online examination system</li> <li>2. Vulnerability Assessment and Penetration Testing End Point, Server, Network, Firewall, Routers, Switches, E-mail, Website, Web Application, Mobile Application, Software, Back-up, CCTV etc.)</li> <li>3. Exploitation of VulnerabilitiesIn the System and Networks.</li> </ol>	<p>Documented Audit Report as per Scope of work of :</p> <p>Total no. of End Point Computers :5270</p>	<b>Jaipur</b>
11.	<p><b>Online Examination &amp;Evaluation Audit of Public Service Commission</b></p>	Cyber Security Audit of Evaluation Centers (Physical & Logical Security)	<p>Documented Audit Report as per Scope of work of :</p> <p>Total no. of End Point Computers :185</p> <p>Servers: 04</p> <p>CCTV-DVR: 24-04</p>	<b>Ajmer (Four Centers)</b>

12.	<b>Online Examination &amp; Evaluation Cyber Security Audit of Public Service Commission</b>	Cyber Security Audit of Evaluation Centers	Documented Audit Report as per Scope of work of : Total no. of End Point Computers :91 Servers: 02 CCTV-DVR: 18-02	<b>Jaipur &amp; Jodhpur</b>
13.	<b>Vulnerability Assessment &amp; Penetration Testing of Online Examination Software</b>	Vulnerability assessment and penetration testing of online examination software on four different operating system (Win-10, Win 8, Win 7 & Win – XP )	IT Security Audit Report of Examination Software	<b>Jaipur</b>
14.	<b>A leading multi Metallurgy Company of Rajasthan</b>	Communication Security Testing, Vulnerability assessment and penetration testing of web application, ERP etc.	Documented Audit Report as per Scope of work of : Total no. of End Point Computers :64 Servers: 05 Firewall:01 Web Application :1 Wi-Fi :02	<b>Jaipur</b>
15.	<b>One of growing Tyre Industry of India</b>  <b>Project Value : NA</b>	Formulation of IT Security Policies	Formulation of following IT Security Policies: 1. Identification , Asset Management & Disposal ,Acceptable Use (including Software) Policy 2. E-Mail, Information Transfer & Social Media Policy 3. HR Policy 4. Business Continuity and Backup Policy 5. Clear Screen & Clear Desk Policy 6. Network, Internet, Wi-Fi, LAN, Access Control, Server Room & Log Policy 7. Data Security and Cryptograph	<b>Mumbai</b>



			y Policy (including Data Centers) 8. Privacy Policy (Non Disclosure with third parties) 9. CCTV Policy 10. Password Policy 11. Mobile device and Teleworking	
16.	<b>One of leading Engineering and Professional Education Institute of Rajasthan</b>	1. Gap Analysis and Review of Existing Policies 2. Risk Assessment and Vulnerability Assessment (End Point, Server, Network, Firewall, Routers, Switches, E-mail, Website, Web Application, Mobile Application, Software, Back-up, CCTV etc.) 3. Penetration Testing 4. Exploitation of Vulnerabilities ( In the System and Networks). 5. Detailed Documented IT Security Audit Report and Actionable Items etc.( Top Critical Vulnerability, End Point Security, Server Related Vulnerability, Network, Internet and Wireless Security. 6. Web Application Software Security 7. Physical Access Control and Security 8. Conceptual Guidance( IT Security Standards and Controls etc.) 9. Information Security Training and Awareness	Documented Audit Report as per Scope of work of : Total no. of End Point Computers :2136 Servers: 04 Firewall:02 Switches: 148 Wi-Fi :03 CCTV-DVR: 197-17	<b>Jaipur</b>

9. List of Information Security Audit Tools used ( commercial/ freeware/proprietary):

S.No	Name of Tool	Purpose of Tool
1.	<b>Nessus Professional</b>	A remote security scanning tool
2.	<b>Burp Suite</b>	Web Vulnerability Scanner
3.	<b>Acunetix</b>	Web application security Tool
4.	<b>Free PC Audit</b>	System, hardware and software information tool.
5.	<b>Kali Linux</b>	A debian based Linux distribution designed for digital forensics and penetration testing. It Contains tools for information gathering, Vulnerability Analysis: Network, Web applications etc. , Exploitation tools, Wireless attack , Forensics, Web application analysis, Sniffing & Spoofing, Password Attack, Maintaining Access, Hardware Hacking, Reverse Engineering etc.
6.	<b>Backtrack 5 R3</b>	Old Distribution of Kali Linux

7.	<b>Backbox Linux</b>	Ubuntu based Operating Systems developed for penetration testing and security assessment
8.	<b>DEFT Linux</b>	Light weighted Linux Operating System for Digital Evidence & Forensics
9.	<b>Nmap</b>	Network Security Scanner, Port Scanner & Network Exploration Tool
10.	<b>Wireshark</b>	Network Packet Analyzer used for network troubleshooting, packet capturing and analysis
11.	<b>Microsoft Security Baseline Analyzer (MBSA)</b>	Used to verify necessary security checks patch compliance for Windows operating system, Internet Information System (IIS) and SQL Server
12.	<b>Super Scan</b>	Network Port Scanning Tool
13.	<b>OWASP- ZAP</b>	Web application security scanner
14.	<b>OWASP Mantra Security Framework</b>	a collection of hacking tools, add-ons and scripts based on Firefox
15.	<b>Metasploit</b>	Penetration testing tool to find, exploit, and validate vulnerabilities
16.	<b>Aircrack-ng</b>	A complete suite of tools to assess Wi-Fi network security
17.	<b>Ettercap</b>	Tool for man in the middle attacks
18.	<b>Cisco OCS Mass Scanner</b>	scanning, fingerprinting and exploitation tool
19.	<b>W3af</b>	web application security scanner
20.	<b>Wikto</b>	web server scanner
21.	<b>Airmagnet</b>	Wireless Network Monitoring and WiFi Troubleshooting
22.	<b>Paros</b>	web proxy to web application vulnerability
23.	<b>Nipper</b>	Audits the security of network devices such as switches, routers, and firewalls
24.	<b>Netcat</b>	A computer networking utility for reading from and writing to network connections using TCP or UDP
25.	<b>Cain &amp; Abel</b>	A password recovery tool
26.	<b>Mobisec</b>	Mobile Application Security framework
27.	<b>SQLMAP</b>	SQL injection Vulnerability exploiting tool
28.	<b>DNSenum</b>	DNS enumeration tool
29.	<b>Knockpy</b>	Subdomain enumeration tool
30.	<b>whatweb</b>	Web technologies including content management systems (CMS) identification tool
31.	<b>Subbrute</b>	A DNS meta-query spider that enumerates DNS records, and sub domains
32.	<b>Recon-ng</b>	Web Reconnaissance framework
33.	<b>enum4linux</b>	Enumerating information from Windows and Samba systems.
34.	<b>Bowser Add-ons / extensions</b>	Mozilla Firefox and Google chrome browser based add-on
35.	<b>Social Engineering Tool Kit</b>	Tools for Social-Engineering attacks
36.	<b>WinHEX</b>	Universal hex editor for forensics & data recovery applications
37.	<b>Android Emulator</b>	Android devices Simulation
38.	<b>Java De-compiler</b>	Decompiler for the Java programming language
39.	<b>APK Inspector</b>	Android applications analysis tool
40.	<b>APK Analyzer</b>	Android applications analysis tool
41.	<b>Cydia impactor</b>	iOS applications analysis tool
42.	<b>Brutus</b>	<i>Password Cracking tool</i>
43.	<b>Fiddler</b>	HTTP debugging proxy server application
44.	<b>Skipfish</b>	web application security reconnaissance tool
45.	<b>Cmsexplorer</b>	Web Security Testing
46.	<b>Joomscan</b>	Joomla Vulnerability Scanner
47.	<b>Openssl</b>	Software library for the Transport Layer Security (TLS) and Secure Sockets Layer (SSL) protocol
48.	<b>Dirbuster</b>	multi threaded java application to brute force directories and files names on web/application servers
49.	<b>Curl</b>	a command line tool to transfer data to or from a server, using any of the supported protocols (HTTP, FTP, IMAP, POP3, SCP, SFTP, SMTP, TFTP, TELNET, LDAP or FILE)
50.	<b>Tcpdump</b>	command-line packet analyzer
51.	<b>Fimap</b>	Local file inclusion (LFI) and Remote file inclusion (RFI) exploitation

		tool
52.	<b>SwfScan</b>	Vulnerability scanner for flash file based application
54.	<b>Ssltest</b>	SSL/TLS and PKI testing <i>tool</i>
55.	<b>Hping</b>	a command-line oriented TCP/IP packet assembler/analyzer
56.	<b>Scapy</b>	a packet manipulation tool for computer networks
57.	<b>Loki</b>	<b>digital forensics, intrusion detection or security monitoring tool</b>
58.	<b>Wsfuzzer</b>	a fuzzing penetration testing tool for HTTP SOAP(Simple Object Access Protocol ) based web services
59.	<b>App Scan</b>	web security testing and monitoring tool
60.	<b>Pwdump</b>	Password cracking tool
61.	<b>Snort</b>	Network intrusion detection system (NIDS) software for Linux and Windows
62.	<b>WebScarab</b>	Web application security testing tool
63.	<b>Whisker</b>	CGI scanner
64.	<b>Helix (Forensics)</b>	Digital forensics tool
65.	<b>FireBug</b>	Browser extension for Mozilla Firefox that facilitated the live debugging, editing, and monitoring of any website's CSS, HTML, DOM, XHR, and JavaScript
66.	<b>NStalker</b>	Web Application Security Scanner
67.	<b>Snmp Walk</b>	A command-line tool to collect SNMP data
68.	<b>Santoku</b>	Linux based Mobile Forensics tool
69.	<b>IronWASP</b>	Web application vulnerability testing tool
70.	<b>Bile-Suite</b>	Bi-directional Link Extractor
71.	<b>Maltego</b>	Information gathering tool
72.	<b>SEAT</b>	Search Engine Assessment <i>Tool</i>
73.	<b>Achilles</b>	web application security testing <i>tool</i>
74.	<b>Sandcat</b>	Penetration Testing Browser
75.	<b>Pixy</b>	Vulnerability Scanner for PHP Applications
76.	<b>OWASP CLASP</b>	Principle or a set of principles for application level security project
77.	<b>Firecat</b>	A network penetration testing <i>tool</i> fo reverse TCP tunnels
78.	<b>SAINT</b>	Penetration Testing tools
79.	<b>Inguma</b>	Penetration Testing & vulnerability discovery toolkit
80.	<b>SARA</b>	Microsoft Support and Recovery Assistant ( <i>SaRA</i> )
81.	<b>SQL Ninja</b>	A SQL Server Injection & takeover tool
82.	<b>Fgdump</b>	a newer version of the <i>pwdump tool</i> for extracting NTLM and LM password hashes from Windows.
83.	<b>Medusa</b>	Password cracking tool
84.	<b>Wapiti</b>	Web Vulnerability Scanner
85.	<b>Havij</b>	SQL Injection Vulnerability tool
86.	<b>Hydra</b>	Password Cracking Tool, a parallelized login cracker which supports numerous protocols
87.	<b>Httpprint</b>	Web server fingerprinting tool
88.	<b>GrendelScan</b>	web application security testing <i>tool</i>
89.	<b>Nemesis</b>	a command-line network packet crafting and injection utility for UNIX-like and Windows systems
90.	<b>Crowbar</b>	Password Cracking (Brute force) tool
91.	<b>OpenVAS (Open Vulnerability Assessment System)</b>	A full-featured vulnerability scanner
92.	<b>Armitage</b>	a graphical cyber attack management tool for the Metasploit Project that visualizes targets and recommends exploit
93.	<b>Dirb</b>	For directory listing
94.	<b>Temper Data Extension</b>	Browser Extension for temper data
95.	<b>Wafwoof</b>	For firewall detection
96.	<b>Vega</b>	Web vulnerability scanner
97.	<b>DR CBS In-house tools &amp; Scripts</b>	Tools & scripts for vulnerability assessment and penetration testing
98.	<b>LanSweeper</b>	IT Asset Management Software

10. Outsourcing of Project to External Information Security Auditors / Experts : No  
( If yes, kindly provide oversight arrangement (MoU, contract etc.))

- |   |    |
|---|----|
| 11. Whether organization has any Foreign Tie-Ups? If yes, give details :                              | No |
| 12. Whether organization is a subsidiary of any foreign based organization? :<br>If yes, give details | No |
| 13. Locations of Overseas Headquarters/Offices, if any :  | No |

Information as provided by Dr CBS Cyber Security Services LLP on 1 July 2021

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## Snapshot of skills and competence of CERT-In empanelled

### Information Security Auditing Organisation

#### M/s FIS Global Business Solutions India Pvt. Ltd.

1. Name & location of the empanelled Information Security Auditing Organization :

**FIS Global Business Solutions India Pvt. Ltd.**

402, I Park, Plot No. 15,  
Phase IV, Gurugram,  
Haryana 122016

2. Carrying out Information Security Audits since : **2011**

3. Capability to audit , category wise (add more if required)

• Network security audit	<b>YES</b>
• Web-application security audit	<b>YES</b>
• Wireless security audit	<b>YES</b>
• Compliance audits (ISO 27001, PCI, etc.)	<b>NO</b>
• Red Teaming	<b>YES</b>
• Mobile application security	<b>YES</b>
• Cloud security	<b>YES</b>
• Penetration Testing and Vulnerability Assessment	<b>YES</b>

4. Information Security Audits carried out in last 12 Months :

Govt.	:	<b>- Nil -</b>
PSU	:	<b>- Nil -</b>
Private	:	<b>100+</b>
Total Nos. of Information Security Audits done	:	<b>100+</b>

5. Number of audits in last 12 months , category-wise (**Organization can add categories based on project handled by them**)

Network security audit	:	<b>20+</b>
Web-application security audit	:	<b>100+</b>
Mobile Security Testing	:	<b>10+</b>
Wireless security audit	:	<b>-Nil-</b>
Compliance audits (ISO 27001, PCI, etc.)	:	<b>-Nil-</b>

6. Technical manpower deployed for informationsecurity audits :

CISSPs	:	<b>0</b>
BS7799 / ISO27001 LAs	:	<b>5</b>
CISAs	:	<b>0</b>
DISAs / ISAs	:	<b>0</b>
Any other information security qualification:		
<b>OSCP</b>	<b>2</b>	
<b>ECSA</b>	<b>1</b>	
<b>OSWP</b>	<b>1</b>	
<b>CPTE</b>	<b>1</b>	
<b>CEH</b>	<b>9</b>	
<b>CHFI</b>	<b>1</b>	
<b>GPEN</b>	<b>1</b>	
<b>Fortify SCA</b>	<b>1</b>	
<b>CPISI</b>	<b>1</b>	
<b>eCPPT</b>	<b>7</b>	
<b>eWAPT</b>	<b>2</b>	
<b>eMAPT</b>	<b>1</b>	
<b>eWPT</b>	<b>13</b>	
<b>eJPT</b>	<b>5</b>	
<b>RHCE</b>	<b>1</b>	
<b>RHSA</b>	<b>1</b>	

Total Nos. of Technical Personnel : **20+**

7. Details of technical manpower deployed for information security audits in Government and Critical sector organizations (attach Annexure if required)

S. No.	Name of Employee	Duration with <b>FIS</b>	Experience in Information Security	Qualifications related to Information security
1	Jatin Jain	7.5 Years	9.5 Years	M.C.A, B.C.A, A Level,OSCP, CPTE, OSWP, CEH, CPISI, ISO 27001
2	Ravinder Kumar	5 Year, 9 Months	9 Year, 3 Months	B.Tech- CSE (Computer science Engineering),CEH, ECSA-v9, OSCP, ISO 27001 LA, eWPT
3	Jay Shah	8 Year	10+ Year	B.Tech, ISO 27001 LA, eCPPTv2
4	Komal Nayi	3Year,	4 Year, 6 Months	B.E. - EEE (Electrical and Electronics EngineerM.Tech - CSIR (Cyber Security and Incident Response) ISO 27001, CEH, eMAPT, eJPT
5	Sumit Gupta	1Year, 9 Months	4Year, Months	B.Tech Computer Science & Engineering, eWPTXv1
6	Manish Gupta	2 Year, 4 Month	3 Year 6 Month	B.C.A, eWPT, eCPPTv2
7	Ruchika Berry	2 Year, 4 Months	4 Year, 5 Months	B.Tech- Electrical and Electronics, CEH, eWAPT.
8	Rahul Sambiyal	1 Year, 7 Months	3 Year, 5 Months	BCA, MCA, eCPPTv2
9	Saurav Bhatt	2 year, 11 months	6 Year	BCA
10	Arpit Arora	5 Year, 6 Months	5 Year, 6 Months	B-Tech (EC), eWPT
11	Karthick Perumal	7 Year	10 Year	B.E CSE, CEH, GPEN, ISO 270001,eCPPTv2
12	Shipra Verma	2 Year, 5 Months	5 Year, 11 Months	B-Tech CSE, eWPT
13	Priyanka Gupta	3 year	5 Year, 3 Months	Bachelor of Engineering (B.E), eJPT, eWPT
14	Jayaraman M	2 Year, 5 Months	5 Year, 6 Months	B-Tech/ECE
15	Rishi Sharma	2 Year, Months10	3 Year, 10 Month	M.Tech CSE
16	H R Vishwas Rao	1 Year, 2 Months	3Year,1 Months	B.E in CSE: CEH, CHFI, ISO 27001:2013
17	Hari Prasad	1 year, 7 Months	5 Year, 7 Months	B-Tech
18	Litty Antony	1 Year, 5 Months	3 Years	CEH v10, eWPT
19	Akash Teotia	1 Year, 5 Months	1 Year, 5 Months	BCA, eWPT
20	Mayank Chandelkar	1 Year, 5 Months	1 Year, 5 months	BSC, eWPTXv1
21	Ankit Rawat	2 Year, 9 Months	5 Year, 4 Months	eCPPTv2

8. Specify Largest Project handled in terms of scope (in terms of volume, complexity, locations etc.) along with project value.

**Due to non-disclosure agreement with Client / Customer / Business sharing partial/full information is/are restricted to disclosure.**

9. List of Information Security Audit Tools used ( commercial/ freeware/proprietary): Burp Suite

- Nmap Scan
- SQL Map
- Mass scanner
- Superscan
- Kali Linux
- Metasploit Framework, Netcat , BeEf
- Wireshark – Packet Analyser
- Tamper Data
- Directory Buster
- Nikto
- Ettercap

- Paros Proxy
- WebScarab
- Brutus
- Custom Scripts and tools
- OWASP Xenotix
- Browser Addons
- Echo Mirage
- Paros Proxy
- Fiddler Proxy
- Angry IP Scanner
- Aircrack
- Kismet
- WinHex
- Process Monitor
- WP-Scanner
- IBM App Scan
- Fridump
- ProxyDroid
- APKTool
- ClassDump and 100+ others

10. Outsourcing of Project to External Information Security Auditors / Experts : **No**  
( If yes, kindly provide oversight arrangement (MoU, contract etc.))

11. Whether organization has any Foreign Tie-Ups? If yes, give details : **Yes**

**FIS has its presence in more than 200 geographical locations spread across globally. The company is headquartered in Jacksonville, Florida in the USA and multiple products and services are being offered from outside India to meet the client requirements. The services are being offered from the USA, UK, Australasia, European region, Philippines to name a few.**

12. Whether organization is a subsidiary of any foreign based organization? : **Yes**  
If yes, give details

**Fidelity National Information Services, Inc**

13. Locations of Overseas Headquarters/Offices, if any : **Yes**

**The company is headquartered in 601 Riverside Ave Jacksonville, Florida in the USA**

**\*Information as provided by FIS Global Business Solutions India Pvt. Ltd. on January 4, 2021**

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**Snapshot of skills and competence of CERT-In empanelled  
Information Security Auditing Organisation**

**M/s GRM Technologies Private Limited.**

1. Name & location of the empanelled Information Security Auditing Organisation:

**GRM Technologies Private Limited.**

**Registered address:** 2/127 Mani Sethupattu, Sriperumbudur Taluk, Kancheepuram District, Tamil Nadu, 601 301 India

**Corporate address:** No-9, 2<sup>nd</sup> floor, Shoba Homes, West Tambaram, Chennai, Tamil Nadu-600045.**India**

2. Carrying out Information Security Audits since : **2013**

3. Capability to audit, category wise (add more if required)

• Network security audit (Y/N)	-	Yes
• Web-application security audit (Y/N)	-	Yes
• Wireless security audit (Y/N)	-	Yes
• Compliance audits (ISO 27001, PCI, etc.) (Y/N)	-	Yes
• Web server security audit(Y/N)	-	Yes
• Mobile application security audit(Y/N)	-	Yes
• Secure code review(Y/N)	-	Yes
• Secure SDLC review(Y/N)	-	Yes
• ERP Audit(Y/N)	-	Yes
• Payment Gateway audit (Y/N)	-	Yes
• Cloud Security Assessment(Y/N)	-	Yes
• Technical risk assessment(Y/N)	-	Yes
• Privacy assessment(Y/N)	-	Yes
• Physical Access Controls & Security testing	-	Yes
• Business Continuity Planning / Disaster Recovery Audit (Y/N) -	-	Yes

4. Information Security Audits carried out in last 12 Months:

Govt.	:	<b>NIL</b>
PSU	:	<b>2</b>
Private	:	<b>20</b>
Total Nos. of Information Security Audits done	:	<b>22</b>

5. Number of audits in last 12 months, category-wise (**Organization can add categories based on project handled by them**)

Network security audit	:	<b>16+</b>
Web-application security audit	:	<b>45+</b>
Mobile-application Security audit	:	<b>24+</b>
Wireless security audit	:	<b>12+</b>
Application Threat Modeling	:	<b>2</b>
Compliance audits (ISO 27001, PCI, SOC 2 etc.)	:	<b>8+</b>

6. Technical manpower deployed for informationsecurity audits:

CISSPs	:	<b>1</b>
BS7799 / ISO27001 LAs	:	<b>8</b>
CISAs	:	<b>5</b>
MTech (Information Security)	:	<b>1</b>
M.Sc. (Information Security)	:	<b>2</b>
CEH's	:	<b>4</b>
OSCP	:	<b>2</b>
CISM	:	<b>1</b>
CDPSE	:	<b>1</b>
CRISC	:	<b>1</b>



CHFI	:	<b>2</b>
ECSA	:	<b>2</b>
PCIDSS	:	<b>1</b>
GDPR	:	<b>4</b>
CSA	:	<b>3</b>
Total Nos. of Technical Personnel	:	<b>14</b>

7. Details of technical manpower deployed for information security audits in Government and Critical sector organizations (attach Annexure if required)

S. No.	Name of Employee	Duration with <b>GRM Technologies</b>	Experience in Information Security	Qualifications related to Information security
1	Babu G	3 Years	15 Years	CISA, CDPSE, ISO 27001:2013 LA, BS 10012:2017(GDPR), OSCP, ISO 22301, COBIT, ITIL v3, CEH, ECSA, CHFI, MCSE, CCNA, PCI-DSS Implementation,.
2	Ramesh G	8 Years	11 Years	M.Sc. in Information Security, ITIL v3, CEH, CHFI, SANS Advanced Network Forensics and Analysis, SANS Advanced Security Essentials Enterprise Defender, GIAC Certified Pen tester, GCIH.
3	Ilanko S	3 Years	12 Years	M.Tech in Information Security, CISA, CISM, OSCP, ECSA, ITIL v3, CCCSP from CDAC
4	Poobitha R	6 Years	12 Years	CEH, ISO 27001:2013 LA.
5	Sujatha K	1 Year	20 Years	CISA, CISSP, ISO 27001:2013 LA
6	Indira G	2.5 Years	2.5 Years	CISA, CRISC, ISO 27001 LI and ISO 27001 LI, Risk Management, PCIDSS, BS 10012:2017(GDPR),
7	Ashok Kumar	3 Years	3 Years	ISO 27001:2013 LA, CEH, BS 10012:2017(GDPR), CSA, NSE-1, NSE-2, NSE-3, CSCU.
8	Shanmukh Reddy	2.5 Years	2.5 Years	ISO 27001:2013 LA, BS 10012:2017(GDPR), CSA, NSE-1, NSE-2, NSE-3, Advanced Penetration testing with Linux, CSCU.
9	Prasana Devi	1.5 Years	1.5 Years	ISO 27001:2013 LA, NSE-1, NSE-2, NSE-3, CSCU.
10	Shahana Shaji	1.5 Years	1 Year	M. Sc Information Security and Digital Forensics, CSA, ISO 27001:2013 LA, NSE-1, NSE-2, NSE-3, CSCU
11	Vinothini P	2 months	2 months	NSE-1, NSE-2, NSE-3, Advanced Penetration testing with Linux.
12	Umesh B	1 months	1 month	-
13	Ambika G	2 months	2 months	-
14	Deebika S	2 months	2 months	M.Sc. Software Systems

8. Specify Largest Project handled in terms of scope (in terms of volume, complexity, locations etc.) along with project value.

<p>1. Leading Supply Chain Management Service Provider</p> <p>2. Leading Mobility Platform to support retail execution, direct store delivery and distribution management in a unified system</p> <p>3. A world leader in</p>	<p>GRM Technologies have examined client's Information Security Controls and Client services controls related system as of date and throughout the period and the suitability of the design and operating effectiveness of client's controls to achieve the related control objectives.</p> <p>Control areas covered are</p> <ol style="list-style-type: none"> <li>Design, Implementation and Operating Effectiveness of ISO 27001, PCI-DSS, SSAE 18 SOC 2, GDPR</li> <li>Quarterly Internal Audit</li> <li>Internal Vulnerability Assessment and</li> </ol>	<p>Project Value &lt;80 Lakhs</p>
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Conversational AI	Penetration Testing 4. External Vulnerability Assessment and Penetration Testing 5. Web Application Security Assessments 6. Mobile Application Security Assessments. 7. Secure code review. 8. Application Threat Modelling 9. Secure SDLC 10. Technical risk assessment 11. Configuration Review 12. Access Control Review 13. Firewall Rule Review 14. Secure Architecture Review Application and Network 15. Information Security Awareness 16. Database and server configuration audit. 17. Periodic Publications of Security Emailers 18. Training Department heads on Information security 19. Review of Information Security Policies and Procedures 20. BCP / DR Simulation Exercise 21. Review of Secure Software Development Life Cycle process 22. Data Privacy (GDPR) 23. External Audits	
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9. List of Information Security Audit Tools used(commercial/ freeware/proprietary):

Freeware		Commercial
1. Arachni 2. OWASP ZAP 3. Nmap 4. Nikto 5. Netcat 6. W3af 7. Wapiti 8. Sqlmap 9. Zaproxy 10. Skipfish 11. Backtrack , Kali 12. Openssl 13. Dirbuster 14. Wireshark 15. Loki 16. Httpprint 17. Curl	18. Tcpdump 19. Fimap 20. SwfScan 21. Hydra 22. John the Ripper 23. Ssltest 24. Sslstrip 25. Cain and Abel 26. Brutus 27. Airmon -ng 28. Hping 29. Scapy 30. wsfuzzer 31. Firefox Extensions 32. Cookie editor 33. Winhex 34. Paros Proxy	1. Acunetix 2. Burpsuite Professional 3. Nessus 4. Netsparker 5. Splunk 6. Nipper 7. FortiSIEM 8. SOAR D3 9. Cynet 10. Veracode

10. Outsourcing of Project to External Information Security Auditors / Experts : **-No**  
 ( If yes, kindly provide oversight arrangement (MoU, contract etc.))

11. Whether organization has any Foreign Tie-Ups? If yes, give details : **-No**

12. Whether organization is a subsidiary of any foreign based organisation? : **- No**  
 If yes, give details

13. Locations of Overseas Headquarters/Offices, if any:

Yes/No -**No**

\*Information as provided by **GRM Technologies Private Limited** on **29<sup>th</sup> December 2020**.

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**Snapshot of skills and competence of CERT-In empanelled  
Information Security Auditing Organisation**

**M/s ANB Solutions Private Limited**

1. Name & location of the empanelled Information Security Auditing Organization :

**ANB Solutions Pvt. Ltd.  
901, Kamla Executive Park, Off Andheri-Kurla Road,  
J. B. Nagar, Andheri East, Mumbai 400 059**

2. Carrying out Information Security Audits since : **2009**

3. Capability to audit , category wise (add more if required)

• Network security audit	:Yes
• Web-application security audit	:Yes
• Wireless security audit	:Yes
• Compliance audits (ISO 27001, PCI, etc.)	:Yes
• Finance Sector Audits (Swift,ATMs, API, Payment Gateway etc.)	:Yes
• ICS/OT Audits	:Yes
• Software Asset Management	:Yes
• Vulnerability Assessment and Penetration Testing	:Yes
• Application Audit Review	:Yes
• Regulatory System Audits	:Yes
• Cyber Security Review	:Yes
• Cloud Security Audit	:Yes
• Robotic Process Automation	:Yes
• Forensic Audits	:Yes
• Data Privacy Audits	:Yes
• Data Migration Reviews	:Yes

4. Information Security Audits carried out in last 12 Months :

Govt.	:	<b>5</b>
PSU	:	<b>1</b>
Private	:	130+
Total Nos. of Information Security Audits done	:	114+

5. Number of audits in last 12 months , category-wise (**Organization can add categories based on project handled by them**)

Network security audit	: 7
Web-application security audit	: 23+
Wireless security audit	: 1
Compliance audits (ISO 27001, PCI, IT Act, UIDAI etc.)	: 8+
Cyber Security Audit	: 30
Information Security Audit	: 68+
Finance Sector Audits (Swift,ATMs, API, Payment Gateway etc.)	: 1
ICS/OT Audits:NIL	
Cloud security Audits	:1

6. Technical manpower deployed for informationsecurity audits :

CISSPs	: <b>1</b>
BS7799 / ISO27001 Las	: <b>20</b>
CISAs	: <b>17</b>
DISAs / ISAs	: <b>2</b>
CEH	: <b>9</b>
ISO22301 IA	: <b>9</b>
Total Nos. of Technical Personnel	: <b>more than 30</b>

7. Details of technical manpower deployed for information security audits in Government and Critical sector organizations (attach Annexure if required)

## Refer Annexure

Sr. No.	Name of Employee	Duration with ANB	Experience in Information Security	Qualifications related to Information security
1	NirmaVarma	16 years	Yes	<ul style="list-style-type: none"> <li>• CISA</li> <li>• CDPSE</li> <li>• BS7799LA</li> </ul>
2	PreetiRaut	11 years	Yes	<ul style="list-style-type: none"> <li>• CISA</li> <li>• CDPSE</li> <li>• ISO 27001 LA</li> <li>• ISO 22301 IA</li> </ul>
3	VasudhaSawant	13.7 years	Yes	<ul style="list-style-type: none"> <li>• CISA</li> <li>• CDPSE</li> </ul>
4	RashmiMaydeo	14.8 years	Yes	<ul style="list-style-type: none"> <li>• ISO 22301 IA</li> <li>• CISA</li> <li>• CDPSE</li> <li>• CISSP</li> </ul>
				• ISO 27001 LA
				• ISO 22301 IA
5	Pradeep Patil	5 years	Yes	<ul style="list-style-type: none"> <li>• CISA</li> <li>• ISO 27001 LA</li> </ul>
6	Vinit Shah	6 years	Yes	<ul style="list-style-type: none"> <li>• CISA (Associate)</li> <li>• DISA</li> <li>• CISM</li> </ul>
				• CDPSE
				• ISO 27001 LA
				• CRISC
7	Pranay Shah	6 years	Yes	<ul style="list-style-type: none"> <li>• ITIL v4 2212</li> <li>• CISA (Associate)</li> <li>• ISO 22301 IA</li> <li>• ISO 27001 LA</li> </ul>
8	Vaibhav Gandhi	2.5 Years	Yes	<ul style="list-style-type: none"> <li>• CISA</li> <li>• DISA</li> <li>• ISO 27001 LA</li> </ul>
				• CEH
9	Kunal Mehta	3 Years	Yes	<ul style="list-style-type: none"> <li>• CISA</li> <li>• ISO 27001 LA</li> </ul>
				• CDPSE
10	Kapil Shah	2.2 Years	Yes	<ul style="list-style-type: none"> <li>• CEH</li> <li>• CDPSE</li> <li>• ISO 27001</li> </ul>
11	NehaChandak	2 Years	Yes	<ul style="list-style-type: none"> <li>• ISO27001:2013 LA</li> <li>• CISA</li> </ul>
12	Aditeekarnik	2 Years	Yes	<ul style="list-style-type: none"> <li>• ISO 22301:2012</li> <li>• ISO 27001:2013</li> </ul>
13	Amit Mittal	2.3 Years	Yes	<ul style="list-style-type: none"> <li>• CISA</li> <li>• ISO27001:2013 LA</li> <li>• ISO22301:2012 LA</li> </ul>
				• CDPSE
14	PriyankaPurecha	2.5 Years	Yes	<ul style="list-style-type: none"> <li>• CISA</li> <li>• ISO 27001 LA</li> </ul>
				• CCNA
15	RemellaSuman	9 years	Yes	<ul style="list-style-type: none"> <li>• ISO 27001:2013 LA</li> </ul>
				• ISO 22301 : 2012
16	SafinaShaikh	1.11 Years	Yes	<ul style="list-style-type: none"> <li>• CISA</li> </ul>
17	SampoornaNagamalli	15 years	Yes	<ul style="list-style-type: none"> <li>• ISO27001:2013 LA</li> <li>• ISO 27001 LA</li> </ul>
18	HarshadMahajan	9.1 years	Yes	
19	GauravPandey	6 years	Yes	• ISO27001:2013 LA
20	Rutulbagadia	6 Months	Yes	<ul style="list-style-type: none"> <li>• CISA</li> <li>• CEH</li> </ul>
21	TusharMuralidharKajale	2 Years	Yes	
22	Halashankara k	1.3 Years	Yes	• CEH

23	Sivarama Krishna Pampana	1.3 Years	Yes	· CEH
24	Nikita Parmar	10 Months	Yes	· CEH
25	PradeepPatil	5 Years	Yes	• CISA
26	Swastika R. Dalvi	6 Years	Yes	• ISO/IEC 27001:2005
27	Pooja Vijay Goshimath	2 years	Yes	• ISO 22301:2012 BCMS
28	SwapnilBhide		Yes	· ISO 27001:2013
29	RiteshChandraprakashAsthana		Yes	· ISO 22301:2012
30	Ashish Gupta	3.4 Years	Yes	· CEH
				· CEH
				· ISO 27001 LA
				• CDPSE
				· CISA
				· CISA
31	Dunger Singh Rajpurohit	3.4 Years	Yes	· ECSA v10
32	TejasNimavat	2 year	Yes	
33	SreekanthAbburi	1.5 Years	Yes	· CEH
				· ECSA
				• CCNA

8. Specify Largest Project handled in terms of scope (in terms of volume, complexity, locations etc.) along with project value.

- For one of the largest private banks in India conducted:
  - Vulnerability assessments for more than 1000 system (operating systems, databases, network devices)
  - Internal assessment for more than 20 web banking applications
  - Hardening review of more than 5000 systems (operating systems, databases, network devices)
  - PROJECT VALUE: RS. 1 CRORE
- For one of the government owned information technology company in India conducted:
  - NMS (Network Management System) Audit
  - Inventory Audit
  - SLA Monitoring Audit
  - Security Audit of various networks.
  - Vulnerability assessment & penetration testing on the identified components
  - Reviewing configuration of network components such as router, firewall, IDS, proxy server, NMS, HDMS etc.
  - Physical and Environmental verification.
  - Operations and Management Process and Control Audit
  - PROJECT VALUE: RS. 7 CRORE
- For a department of government of South Africa performed:
  - Establishing IS Policy & Procedures
  - Review and Establishing Cyber Security Framework
  - Vulnerability Assessment and Penetration Testing
  - Detailed Security Configuration Review of entire IT Infrastructure
  - PROJECT VALUE: RS. 1 CRORE
- For one of the renowned commodity exchange in India performed:
  - Application Security Audit for 5 applications
  - IT General Control and Datacenter operations Audit
  - Vulnerability assessment of 200+ system and Penetration Testing for 12 websites
  - Business Continuity and Disaster Recovery Review
- For some of the largest telecom companies in India conducted:
  - Core Telecom Network and IT security for datacenter and applications
  - Compliance to IT Act

9. List of Information Security Audit Tools used ( commercial/ freeware/proprietary):

SN	Type of Tool	Tool Name
1	Freeware	<ul style="list-style-type: none"> <li>• Nmap</li> <li>• Snmp Walk</li> <li>• Metasploit</li> <li>• Cookie Editor</li> <li>• Echo Mirage</li> <li>• Winhex</li> <li>• Kali Linux Framework</li> <li>• Wireshark</li> <li>• APK Analyser</li> <li>• SQLMAP</li> <li>• Dirbuster</li> <li>• OWASPZAP</li> <li>• W3AF</li> <li>• MobSF</li> </ul>
2	Commercial	<ul style="list-style-type: none"> <li>• Nessus Professional</li> <li>• Burp Suite Professional</li> <li>• ARSIM</li> <li>• Lansweeper - License Compliance Auditing Software</li> </ul>
3	Proprietary	<ul style="list-style-type: none"> <li>• Scripts for Oracle, Linux, AIX, Solaris, Windows</li> </ul>

10. Outsourcing of Project to External Information Security Auditors / Experts : No  
( If yes, kindly provide oversight arrangement (MoU, contract etc.))

11. Whether organization has any Foreign Tie-Ups? If yes, give details : No

12. Whether organization is a subsidiary of any foreign based organization? : No  
If yes, give details

13. Locations of Overseas Headquarters/Offices, if any : No

\*Information as provided by **ANB Solutions Pvt. Ltd.** on 28<sup>th</sup> June 2021

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**Snapshot of skills and competence of CERT-In empanelled  
Information Security Auditing Organisation**

**M/s BDO India LLP**

1. Name & location of the empanelled Information Security Auditing Organization :

**BDO India LLP  
Mumbai, National Capital Region (NCR),  
Bengaluru, Chennai, Hyderabad, Kolkata, Pune**

2. Carrying out Information Security Audits since : **2013**

3. Capability to audit , category wise (add more if required)

• Network security audit (Y/N)	:	Yes
• Web-application security audit (Y/N)	:	Yes
• Wireless security audit (Y/N)	:	Yes
• Compliance audits (ISO 27001, PCI, etc.) (Y/N)	:	Yes
• Cyber Forensics	:	Yes
• Mobile security audit	:	Yes
• Secure SDLC review	:	Yes
• Secure Code review	:	Yes
• Vulnerability Assessment and Penetration Testing (VAPT)	:	Yes
• Business Continuity Planning / Disaster Recovery Audit	:	Yes
• Cloud security and application audits	:	Yes
• Red Teaming	:	Yes
• Social Engineering Assessment / Phishing Simulation	:	Yes
• Operational Technology (OT) [SCADA] Audits	:	Yes
• IT General controls and Application controls audit	:	Yes

4. Information Security Audits carried out in last 12 Months :

• Govt.	:	<b>15+</b>
• PSU	:	<b>10+</b>
• Private	:	<b>50+</b>
• Total Nos. of Information Security Audits done	:	<b>75+</b>

5. Number of audits in last 12 months , category-wise **(Organization can add categories based on project handled by them)**

• Network security audit	:	<b>22</b>
• Web-application security audit	:	<b>41</b>
• Wireless security audit	:	<b>10</b>
• Compliance audits (ISO 27001, PCI, etc.)	:	<b>26</b>
• IT General controls and Application controls audit	:	<b>14</b>
• Mobile security audit	:	<b>15</b>
• Secure SDLC review	:	<b>03</b>
• Secure Code review	:	<b>05</b>
• Vulnerability Assessment and Penetration Testing (VAPT)	:	<b>30</b>
• Business Continuity Planning / Disaster Recovery Audit	:	<b>04</b>
• Cloud security and application audits	:	<b>08</b>
• Red Teaming	:	<b>05</b>
• Social Engineering Assessment / Phishing Simulation	:	<b>04</b>
• Operational Technology (OT) [SCADA] Audits	:	<b>02</b>
• Cyber Forensics	:	<b>07</b>

6. Technical manpower deployed for information security audits :

• CISSPs	:	<b>2</b>
• BS7799 / ISO27001 LAs	:	<b>22</b>
• CISAs	:	<b>4</b>



- DISAs / ISAs : **3**
- Any other information security qualification:
  - OSCP : **5**
  - CEH : **12**
  - CBCP : **1**
  - CHFI : **1**
  - CISEH : **4**
  - CPTE : **3**
  - CIPT : **1**
  - CCNA : **4**
  - CCNP : **2**
  - CCIE : **1**
  - CISC : **1**
  - ITIL : **2**
  - OSWP : **1**
  - ECES : **1**
  - SLAE : **1**
  - ECSA : **2**
- Total Nos. of Technical Personnel : **32**

7. Details of technical manpower deployed for information security audits in Government and Critical sector organizations (attach Annexure if required)

S. No.	Name of Employee	Duration with BDO India LLP	Experience in Information Security	Qualifications related to Information security
1.	Mubin Shaikh	1 year	20 years	CISA, CISSP, CBCP, ITIL
2.	Saumil Shah	2 year	20 years	CA, CISA
3.	Virendra Singhi	1 year	5 years	ISO 27001: 2019 LA, ISO 31000:2018
4.	Nipun Jaswal	1 year	10 years	OSCP, OSWP, CEH, ECES, ITIL, SLAE
5.	Saurabh Mehendale	2 years	9 years	ISO 27001:2013 LA, ISO 9001:2015 LA, ISO 27701:2019, CISA, CEH, CHFI,
6.	Nivesh Singh	1year	4 years	ISO 27001:2013 LA, OSCP
7.	Vibhav Dudeja	7 months	3.5 years	OSCP
8.	Nikhil Joshi	1 year	8 years	CCNA, CCNP
9.	Abhijeet Barve	2 years	7 Years	ISO 27001:2013 LA, CEH, CCNA
10.	Rohit Date	9 months	2 years	OSCP
11.	Salman Syed	1 year	1 year	OSCP, CEH
12.	Prashant Kate	1 year	16 years	CEH, ECSA, CHFI & ITIL
13.	Surajit Pal	3 months	14 years	CCNA, CCNP, MCSA, ISO 27001, AWS Cloud Architect
14.	KarthikeyanChandrasekar	1.5 Years	7 Years	ISO 27001:2013 LA, C-Star
15.	Kalpesh Mehta	2 Years	11 Years	ITIL, ISO 20000 & ISO 27001 LA
16.	Anurag Kumar	9 months	5 Years	ISO 27001 LA

8. Specify Largest Project handled in terms of scope (in terms of volume, complexity, locations etc.) along with project value.

1. **Engagement Details - Cyber Security Advisory services for the IT Software & Services Multi-national Company. Our engagement covered following various activities:**

1. Gap Assessment
2. IT Governance Audit
3. ISO 27001: 2013 Implementation
4. External IPs Penetration Testing
5. Web Application Security Testing
6. Source Code Review
7. Configuration assessment
8. Architecture Review
9. Firewall Ruleset review
10. Deep Web & Dark Web Scanning
11. Red Teaming Exercise
12. SDLC Process & Procedure
13. Incident Management Table-Top Exercise

2. **Engagement Value: Confidential**

9. List of Information Security Audit Tools used ( commercial/ freeware/proprietary):

NessusProfessional	Airmon-ng	CainandAbel	Havij	Zaproxy	JohntheRipper
BurpSuite	Arachni	CSRFTester	HOIC	Paros	KaliLinux
Splunk	Backtrack	Curl	Hping	W3af	Loki
Metasploit	Brutus	Dirbuster	Httpprint	Wapiti	ProxyTool
Netcat	OpenVas	Fimap	Hydra	Sslstrip	THCSSL
Wireshark	Nikto	Scapy	SwfScan	Ssltest	Sqlmap
wsfuzzer	Nmap	Skipfish	Tcpdump	OWASPZAP	Openssl

10. Outsourcing of Project to External Information Security Auditors / Experts ( If yes, kindly provide oversight arrangement (MoU, contract etc.)) : **No**
11. Whether organization has any Foreign Tie-Ups? If yes, give details : **No**
12. Whether organization is a subsidiary of any foreign based organization? If yes, give details : **No**
13. Locations of Overseas Headquarters/Offices, if any : **No**

\*Information as provided by **BDO INDIA LLP** on **8<sup>th</sup> April 2021**.

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**Snapshot of skills and competence of CERT-In empanelled  
Information Security Auditing Organisation**

**M/s Ernst & Young LLP**

1. Name & location of the empanelled Information Security Auditing Organization:

**Ernst & Young LLP**  
**Address: Golf View Corporate Tower B,**  
**Sector 42, Sector Road Gurgaon, Haryana, India**

2. Carrying out Information Security Audits since : **2001**

3. Capability to audit , category wise (add more if required)

• Network security audit	:	Y
• Web-application security audit	:	Y
• Wireless security audit	:	Y
• Compliance audits (ISO 27001, PCI, etc.)	:	Y
• Mobile Application Security audit	:	Y
• Secure configuration audit (Server, Firewall, etc.)	:	Y
• Source Code Review	:	Y
• ICS/SCADA Assessment	:	Y
• OT Assessment	:	Y
• Assessments against Cyber Security Audit Baseline Requirements	:	Y
• Internet Technology Security Testing	:	Y
• Physical Access Controls & Security Testing	:	Y
• Communications Security Testing	:	Y
• Security Operations Centre (SOC) Implementation	:	Y
• Managed Security Services	:	Y
• Assistance with Cyber Crime Advisory	:	Y
• Cloud Security	:	Y
• Security Architecture Consulting	:	Y
• Managed End Point Detection and Response (EDR)	:	Y
• Security Orchestration and Automation Response (SOAR)	:	Y

4. Information Security Audits carried out in last 12 Months :

Govt.	:	30+
PSU	:	20+
Private	:	100+

Total Nos. of Information Security Audits done : 150+

5. Number of audits in last 12 months, category-wise (**Organization can add categories based on project handled by them**)

**Ernst & Young LLP is a Limited Liability Partnership with LLP identity No. AAB-4343**  
**A member firm of Ernst & Young Global Limited Regd Office: 22 Camac Street, 3rd**  
**Floor, Block 'C', Kolkata - 700 016, India**

• Network security audit	:	50+
• Web-application security audit	:	50+
• Wireless security audit	:	20+
• Compliance audits (ISO 27001, PCI, etc.)	:	20+
• Mobile Application Security audit	:	20+
• Secure configuration audit (Server, Firewall, etc.)	:	10+
• Source Code Review	:	10+
• ICS/SCADA Assessment	:	10+
• Assessments against Cyber Security Audit Baseline Requirements	:	10+
• Internet Technology Security Testing	:	5+

• Physical Access Controls & Security Testing : 5+

6. Technical manpower deployed for information security audits :

CISSPs : 5+  
BS7799 / ISO27001 LAs : 50+  
CISAs : 10+  
DISAs / ISAs : NA  
Any other information security qualification : 100+

(OSCP, CEH, CISM, DCP, SANS, OSCP etc.)

Total Nos. of Technical Personnel : 400+

7. Details of technical manpower deployed for information security audits in Government and Critical sector organizations (attach Annexure if required)

S. No.	Name of Employee	Duration with Ernst & Young LLP	Experience in Information Security	Qualifications related to Information security
1	Burgess S Cooper	5+	20+	CISA, CISM, CGEIT, CIPP, CISSP
2	Vidur Gupta	6+	19+	CRISC, CISM, CISA, Certificate of Business Continuity Institute (CBCI), DSCI Certified Privacy Lead Assessor (DCPLA)
3	Kartik Shinde	10+	20+	CEH, CISSP, GCFW- SANS Institute
4	<b>Rajesh Kumar D</b>	14+	20+	CRTP (Pentester Academy)
5	<b>Navin Kaul</b>	10+	14+	CISA, ISO 27001 LA, BS25999, CEH, SABSA, TOGAF 9.0
6	<b>Dhairya Giri</b>	6+	10+	CISA, ISO 27001 LA, ISO20000 LI, CIPR, ISO 9000
7	<b>Vadivelan Sankar</b>	2+	15+	CPenT, LPT Masters, CEH Masters, CHFI, ECSA, CTIA, ECIH, CASE, CND, Rapid7 Certified Nexpose Administrator, Certified Secure Programmer (.net & Java) , ISO 27001:2013 Lead Auditor,
8	Girish Nemade	6+	10+	OSCP, OSCP ,CEH RHCE (Red Hat Certified Engineer ), OCA (Oracle Certified Associate) ISO 27001 Certified
9	Arvind Singh	2+	7+	CEH, CCSE, Security and Privacy by Design Practitioner, Enterprise Design Thinking Practitioner, IBM QRadar SIEM Foundations
10	Rahul Singh	3+	6+	CISE, ECSA, ISO 27001 Lead Auditor

11	Raghav Bisht	3+	7+	CEH, ECSA, ITIL, CASP+, COBIT5, CPTE, CPTC
12	Sidharth Sharma	6+	10+	GIAC – Global Industrial Cyber Security Professional (GICSP) ISA/IEC 62443 – Cybersecurity Fundamentals Specialist (CFS) ISA/IEC 62443 – Cybersecurity Risk Assessment Specialist (CRS)
13	Aditya Dev Sharma	5+	5+	GIAC – Global Industrial Cyber Security Professional (GICSP) ISA/IEC 62443 – Cybersecurity Fundamentals Specialist (CFS) ISA/IEC 62443 – Cybersecurity Risk Assessment Specialist (CRS)
14	Ayush Gupta	1	10+	GIAC – Global Industrial Cyber Security Professional (GICSP)
15	Nalayini G	5+	5+	GIAC – Global Industrial Cyber Security Professional (GICSP)
16	King Prakatheesh	5+	5+	GIAC – Global Industrial Cyber Security Professional (GICSP)
17	Nikhil Joshi	5+	5+	ISA/IEC 62443 – Cybersecurity Fundamentals Specialist (CFS)

8. Specify Largest Project handled in terms of scope (in terms of volume, complexity, locations etc.) along with project value.

The client is managing the indirect taxation platform for GST to help taxpayers in India. EY is service provider for Business/ IT controls Assessment and Governance, Risk, Compliance (GRC) for the IT Ecosystem.

Project Value : INR10 Cr+

9. List of Information Security Audit Tools used( commercial/ freeware/proprietary):

Commercial

- Acunetix,
- Burp,
- Nessus

- AppScan
- IP 360
- Checkmarks

Open source/Freeware tools

- BackTrack,
- Kali Linux,
- SQLMap,
- nmap
- Wireshark

10. Outsourcing of Project to External Information Security Auditors / Experts : No  
( If yes, kindly provide oversight arrangement (MoU, contract etc.))
11. Whether organization has any Foreign Tie-Ups? If yes, give details : NA
12. Whether organization is a subsidiary of any foreign based organization? : No

Ernst & Young LLP is separate entity registered in India with Registrar of Companies under Ministry of Corporate Affairs. EY's Global Headquarter is in London.

Address  
25 Churchill Place  
Canary Wharf  
E14 5EY London

13. Locations of Overseas Headquarters/Offices, if any : Yes

Address  
25 Churchill Place  
Canary Wharf  
E14 5EY London

\*Information as provided by Ernst & Young LLP on 24<sup>th</sup> Dec 2021

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**Snapshot of skills and competence of CERT-In empanelled  
Information Security Auditing Organisation**

**M/s Kochar Consultants Private Limited**

1. Name & location of the empanelled Information Security Auditing Organization :

**Kochar Consultants Private Limited - Mumbai**

2. Carrying out Information Security Audits since : **2005**

3. Capability to audit , category wise (add more if required)

- Network security audit (Y/N) : Yes
- Web-application security audit (Y/N) : Yes
- Wireless security audit (Y/N) : Yes
- Compliance audits (ISO 27001, PCI, etc.) (Y/N) : Yes
- IT General Controls Review (Y/N) : Yes
- Cyber Security Audit (Y/N) : Yes
- Vulnerability Assessment/Penetration Testing (Y/N) : Yes

4. Information Security Audits carried out in last 12 Months :

Govt. : Nil  
PSU : 1  
Private : 40+  
Total Nos. of Information Security Audits done : 40+

5. Number of audits in last 12 months , category-wise **(Organization can add categories based on project handled by them)**

Network security audit : 2  
Web-application security audit : 10  
Compliance audits (ISO 27001, PCI, etc.) : 5  
IT General Controls Review : 40+  
Process Reviews : 1  
Regulatory Compliance Audits - Exchange Members : 25+  
(Annual Compliance System Audit, etc. )  
Cyber Security Audits : 15+  
Audit of Wallet Companies as per RBI guidelines : 2  
EKYC Audits as per UIDAI Guidelines : 2

6. Technical manpower deployed for information security audits :

CISSPs : Nil  
BS7799 / ISO27001 LAs : 5  
CISAs : 10  
DISAs / ISAs : 2  
Any other information security qualification : 1  
Total Nos. of Technical Personnel : 14

7. Details of technical manpower deployed for information security audits in Government and Critical sector organizations (attach Annexure if required)

S. No.	Name of Employee	Duration with Kochar Consultants	Experience in Information Security	Qualifications related to Information security
1.	Pranay Kochar	Jul-06	10	CISA, DISA
2.	Sona Shah	Jul-06	8	DISA
3.	Mithun Lomate	Mar-10	6	CISA, COBIT Assessor
4.	Vidya Kamath	Feb-16	12	CISA, ISO 27001 LA
5.	Pankaj Dhiman	May-16	4	CISA

6.	Kamlesh Kale	Jul-16	6	CISA, CISM, ISO 27001 LA
7.	Arvind Vira	Dec-17	6	CISA, CISM, ITIL V3F, ISO 27001 LA, CCNA
8.	Sumil Bavad	Feb-19	1	CISA
9.	Latika Shetty	Mar-19	2	CISA
10.	Kishore Gaikwad	Nov-19	1	ISO 27001 LA
11.	Fernando de Navarro Menezes	Nov-19	8	CISA, ISO 27001 LA
12.	Prachi Jadhav	June-20	3	CEH
13.	Tanmay Surepally	Nov-20	1	CISA
14.	Dhaval Ashar	Jan-21	2	CISA, CIA

8. Specify Largest Project handled in terms of scope (in terms of volume, complexity, locations etc.) along with project value.

Client: Leading Commodity Exchange

Scope of Work:

Sr.	Activities
1.	Reviewing and carry out necessary changes of Standard Operating Procedure (SOP) for all the departments of the organization as per latest ISO 27001:2013 standards for its improvement.
2.	Review and carry out necessary changes of Information Security Policies / procedures / Plans / Risk Management report / Guidelines etc. and its implementation.
3.	Carry out Internal audit for each department and effectiveness of controls implemented based on scope defined on ISO 27001:2013 standards
4.	Review implementation of Cyber security policy and implementation of SEBI guidelines
5.	Vulnerability Assessment and Penetration Testing (VA & PT).
6.	Reviewing and updating BCP, DRP for new changes, if any and Provide BCM training to all employees.
7.	Meeting each department for review of BIA and carry out changes in BIA as per the requirement.
8.	Carry out Internal audit for each department and effectiveness of controls implemented as per TOR of SEBI circular CIR/CDMRD/DEICE/01/2015 dated November 16, 2015, excluding VA & PT.
9.	Review of observations reported during audit reports (ISO 27001:2013 and Annual System Audit), and actions taken for the recommendation, if any and submit closure report.
10.	Presentation of audit findings with recommendations to the Management along with its compliance status.

Locations: Mumbai, Project Value: 15 lakhs.

9. List of Information Security Audit Tools used ( commercial/ freeware/proprietary):

- **Commercial Tools**

- Nessus – Vulnerability Scanner
- Burp Suite, Acunetix - Web application auditing
- Passware: Password Cracking

- **Freeware Tools**

- Nmap, Superscan and Fport - Port Scanners
- Metasploit framework, Netcat, BeEF, Cain & able, Hydra, John the ripper - Penetration Testing & Password cracking
- Process explorer, Sigcheck - Windows Kernel & malware detection
- Netstumbler, Aircrack-ng suite & Kismet – WLAN Auditing
- OpenVas, W3af, Nikto - Vulnerability scanner
- Wireshark – Packet Analyser
- SQL Map
- Kali Linux and all tools inbuilt into it.

10. Outsourcing of Project to External Information Security Auditors / Experts ( If yes, kindly provide oversight arrangement (MoU, contract etc.)) : No

11. Whether organization has any Foreign Tie-Ups? If yes, give details : No



12. Whether organization is a subsidiary of any foreign based organization? : No  
If yes, give details

13. Locations of Overseas Headquarters/Offices, if any : No

\*Information as provided by < **Kochar Consultants Private Limited - Mumbai**> on  
<**06/04/2021**>

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**Snapshot of skills and competence of CERT-In empanelled  
Information Security Auditing Organisation**

**M/s Suma Soft Private Limited**

1. Name & location of the empanelled Information Security Auditing Organization:

**Suma Soft Private Limited  
Suma Center, 2nd Floor,  
Opposite Himali Society, Erandawane,  
Pune, Maharashtra – 411 004.  
Tel: +91.20.40130700, +91.20.40130400  
Fax: +91.20.25438108  
Email: infosec@sumasoft.net**

2. Carrying out Information Security Audits since : **2008**

3. Capability to audit, category wise (add more if required)

• Cyber Security Audits	:	<b>Yes</b>
• Information Security Assessments	:	<b>Yes</b>
• Web Application Security Testing	:	<b>Yes</b>
• Mobile Application Security Testing	:	<b>Yes</b>
• API Security Testing	:	<b>Yes</b>
• Vulnerability Assessment/Penetration Testing of IT Infrastructure	:	<b>Yes</b>
• Network Security Audits	:	<b>Yes</b>
• Wireless Security Testing	:	<b>Yes</b>
• Compliance Audits (ISO 27001, PCI, BCMS etc)	:	<b>Yes</b>
• Software License Compliance Audits	:	<b>Yes</b>
• Compliance - IT Audits	:	<b>Yes</b>
(Based on guidelines issued by RBI, IRDA, SEBI, Stock Exchanges)	:	<b>Yes</b>
• Digital Forensic Investigations	:	<b>Yes</b>
• Secure Source Code Analysis as a Service	:	<b>Yes</b>
• Security Monitoring as a Service	:	<b>Yes</b>
• Third Party Security Assessments / Information Security Due Diligence	:	<b>Yes</b>
• Cloud Security & Compliance Assessment	:	<b>Yes</b>
• Digital Risk / Dark Web Assessment	:	<b>Yes</b>
• Breach & Attack Simulation as a Service	:	<b>Yes</b>

4. Information Security Audits carried out in last 12 Months:

Govt.	:	<b>0</b>
PSU	:	<b>0</b>
Private	:	<b>24</b>
Total Nos. of Information Security Audits done	:	<b>24</b>

5. Number of audits in last 12 months, category-wise (**Organization can add categories based on project handled by them**)

Network Security Audit	:	<b>04</b>
Web Application Security Testing	:	<b>17</b>
Android Mobile Application Security Testing	:	<b>11</b>
iOS Mobile Application Security Testing	:	<b>06</b>
Digital Forensic Investigation	:	<b>01</b>
IRDA Compliance audits	:	<b>01</b>
Cloud Security Compliance Assessments	:	<b>09</b>
Secure Source Code Reviews	:	<b>01</b>

6. Technical manpower deployed for information security audits:

CISSPs :-	:	
BS7799 / ISO27001 Las	:	<b>3</b>
CISAs	:	<b>4</b>
DISAs / ISAs	:	<b>1</b>
CEH	:	<b>9</b>
CEH, ECSA	:	<b>2</b>
OSCP	:	<b>2</b>
OSWP	:	<b>1</b>

7. Details of technical manpower deployed for information security audits in Government and Critical sector organizations (attach Annexure if required)

S. No.	Name of Employee	Duration with Suma Soft (in yrs)	Experience in Information Security	Qualifications related to Information security
01	Surendra Brahme	21	21	FCA, CISA, DISA
02	C. Manivannan	21	21	CISA
03	Milind Dharmadhikari	8.5	19	CISA, ISO27001 LA, CDPSE, ACE, CCNA, CSQP
04	Anil Waychal	21	17	CISA, ISO27001 LA, ITIL, RHCE, Sun Solaris
05	Narendra Bhati	7	8.6	OSCP, OSCP, CEH
06	Sumit Ingole	7	8	OSCP, CEH, ECSCA, IBM Certified Specialist - Rational AppScan
07	Suraj Waghmare	1.10	5	CEH, ECSCA, CCNA, ISO27001 LA
08	Amey Naniwadekar	4.2	5	CEH, MCP
09	Rajnikant Bhandare	3.6	4.5	CEH, CCNA, CCNP, ACSE
10	Omprakash Deshmukh	2.3	2.3	CEH
11	Sanket Kaware	0.6	1.8	-
12	Kapil Gurav	1	2	-
13	Nakul Ronghe	0.3	1.5	CEH
14	Tushar Shinde	0.6	3.6	CEH
15	Saeel Relekar	0.1	1.2	CEH
16	Yogesh Date	2.6	0.6	-

8. Specify Largest Project handled in terms of scope (in terms of volume, complexity, locations etc.) along with project value.

❖ **Client: PSU organization from Financial Services industry involved in Primary market**

**Type of Audit:** Network Security Audit

**Scope of Work:** The scope of our audit included review of following areas –

- DC Infrastructure & Network Audit,
- LAN Infrastructure
- Vulnerability Assessment of 280+ internal IP addresses including routers, switches, firewalls, servers etc.
- Penetration Testing of 55+ public facing IP addresses
- Conduct Vulnerability Assessment and Penetration Testing
- Finalization of report and submission of the same to the client management.

IT Environment: 350+ IP address

❖ **Client: Co-operative Bank**

**Type of Audit:** Security Audit of Network, Web application, Mobile Application and NPCI Agent Audit

**Scope of Work:** The scope of our audit included review of following areas –

- DC Infrastructure & Network Audit
- DR Site Audit
- Intranet Applications Audit
- Banking Agent Audit

- Vulnerability Assessment / Penetration Test and Desktop Security Scanning
- Android Mobile Application Security Audit
- Client Location Site Security Audit (LAN)

❖ Client: **Provider of Enterprise Human Capital Management (HCM) SaaS platform**

**Type of Audit:** Security Audit of Network, Web application, Mobile Application, Secure Source Code Review, Cloud Security Testing

Scope of Work: The scope of our audit included review of following areas –

- Conduct Vulnerability Assessment and Penetration Testing on Web Application
- Conduct Vulnerability Assessment and Penetration Testing on Android Mobile Application
- Conduct Vulnerability Assessment and Penetration Testing on Network Infrastructure.
- Test vulnerabilities in web sites and applications to ensure that all the false positives and inaccuracies are removed.
- Analyze and execute advanced testing techniques against all verified vulnerabilities to penetrate through the web-based application.
- Perform re-testing after receiving confirmation from the developers on fixing of issues
- Finalization of report and submission of the same to the client management
- Conduct Vulnerability Assessment on Azure Cloud VM's
- Conduct Secure Source Code Review and Remove false positive from results
- Perform re-testing after receiving confirmation from the developers on fixing of issues

IT Environment: 1 Web Application (40+ Modules), Android & iOS Applications, 300+ IT assets, 150+ Cloud Assets in Microsoft Azure

❖ Client: **Private Organization in end-to-end Logistic Solution**

**Type of Audit:** Security Audit of Web & Mobile Applications, APIs and AWS hosted IT Infrastructure

Scope of Work: The scope of our audit included review of following areas –

- Conduct Vulnerability Assessment and Penetration Testing on Web Application
- Conduct Vulnerability Assessment and Penetration Testing on Android Mobile Application
- Conduct Vulnerability Assessment and Penetration Testing on Network Infrastructure.
- Tests vulnerabilities in web sites and applications to ensure that all the false positives and inaccuracies are removed.
- Analyze and execute advanced testing techniques against all verified vulnerabilities in order to penetrate through the web-based application.
- Perform re-testing after receiving confirmation from the developers on fixing of issues
- Finalization of report and submission of the same to the client management

IT Environment: 5 Web Applications, 3 Mobile Apps, 150+ APIs, 100+ virtual hosts in AWS

9. List of Information Security Audit Tools used (commercial/ freeware/proprietary):  
**Commercial**

- Burp Suite Professional
- Nessus

- Qualys
- NamicSoft
- Checkmarx

#### **Freeware**

- Kali Linux
- Metasploit
- Sqlmap

10. Outsourcing of Project to External Information Security Auditors / Experts : **No**

No. We do not outsource our engagements to external consultants. However, we engage known external consultants / experts in the field of information Security to work alongside our team based on specific skills required for the engagement. Project Management and delivery of the engagement is done by Suma Soft.

For this purpose, we use Confidentiality and Non-Disclosure Agreements before engaging the consultants for assignments with defined scope of work and with clear knowledge of the client. Also, the consultants need to adhere to IT Security and other Policies of Suma Soft and also of the client during the course of the engagement.

11. Whether organization has any Foreign Tie-Ups? If yes, give details : **Yes**  
Suma Soft has partnered with some niche cyber security companies from the USA and Israel to become their channel partner India.

12. Whether organization is a subsidiary of any foreign based organization? : **No**  
If yes, give details

13. Locations of Overseas Headquarters/Offices, if any : **No**

\*Information as provided by Suma Soft Pvt. Ltd on 7<sup>th</sup> April 2021

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**Snapshot of skills and competence of CERT-In empanelled  
Information Security Auditing Organisation**

**M/s AGC Networks Limited**

1. Name & location of the empanelled Information Security Auditing Organization:

**Name: AGC Networks Limited**  
**Location: Essar House, 11, K. K. Marg, Mahalaxmi,**  
**Mumbai-400034, Maharashtra, India**

2. Carrying out Information Security Audits since : **<2017>**

3. Capability to audit, category wise (add more if required)

• Network Security Audit	:	<b>(Y)</b>
• Web-Application Security Audit	:	<b>(Y)</b>
• Wireless Security Audit	:	<b>(Y)</b>
• Compliance audits (ISO 27001, IEC 62443, IEC 27019, PCI, etc.)	:	<b>(Y)</b>
• Finance Sector Audits (Swift, ATMs, API, Payment Gateway etc.)	:	<b>(Y)</b>
• ICS/OT Audits	:	<b>(Y)</b>
• Cloud security Audits	:	<b>(Y)</b>
• Secure Code Audit	:	<b>(Y)</b>
• Network Architecture Review	:	<b>(Y)</b>
• Secure Design Audit	:	<b>(Y)</b>
• IOT Security Audit	:	<b>(Y)</b>
• Red Team Audit	:	<b>(Y)</b>
• Mobile Application Security Audit	:	<b>(Y)</b>
• Real time Security Assessment	:	<b>(Y)</b>

4. Information Security Audits carried out in last 12 Months:

Govt.	:	<b>1</b>
PSU	:	<b>NA</b>
Private	:	<b>10</b>
Total Nos. of Information Security Audits done	:	<b>11</b>

5. Number of audits in last 12 months, category-wise (**Organization can add categories based on project handled by them**)

Network Security Audit	:	<b>5</b>
Network Infrastructure Audit	:	<b>2</b>
Web-application security audit	:	<b>11</b>
Mobile Application Security Audit	:	<b>3</b>
Wireless security audit	:	<b>1</b>
Compliance audits (ISO 27001, IEC 62443, IEC 27019, PCI, etc.)	:	<b>7</b>
Cloud security Audits	:	<b>1</b>

6. Technical manpower deployed for informationsecurity audits:

CISSPs	:	<b>1</b>
BS7799 / ISO27001 LAs	:	<b>4</b>
CISAs	:	<b>3,</b>
DISAs / ISAs	:	<b>NA</b>
Any other information security qualification: <b>CEH(8), ECIH(3), CHFI(1), CISM(2)</b>	:	
Total Nos. of Technical Personnel	:	<b>14</b>

7. Details of technical manpower deployed for information security audits in Government and Critical sector organizations (attach Annexure if required)

Sr. No.	Name of Employee	Duration with <b>&lt;AGC Networks Ltd&gt;</b>	Experience in Information Security	Qualifications related to Information security
1	Anant Bhat	3.3 Years	10.3 years (Total Exp 18+)	CISSP, CISA, CISM, CEH v10, IBM QRADAR SIEM, Azure Cloud Certified Foundation (AZ-900), CCNA.
2	Sachin Ratnakar	11.6 Years	16.4 Years (Total Exp 25+)	CISA,ISO Lead Auditor
3	Kris Coutinho	9.7 Years	11.7 years(Total Exp 12+)	CISA,CISM,ISO Lead Auditor
4	Darshan Sagwekar	1.1 Years	4 Years	CEH
5	Satya Narayan Yadav	5.10 Years	11 Years	CEH, ECIH,CCNA,AZ-900,IBM QRadar certified,McAfee SIEM certified,TrendMicro XDR Certified, Sophosedr certified, Splunk fundamentals certified
6	Deepak Joshi	3.7 Years	3.7 Years	CEH, ECIH, McAfee SIEM Certified, Sophos EDR Certified, Splunk Fundamentals Certified
7	Akash Shinde	1.7 year	2.10 years	CEH
8	Saim Tanki	1.7 year	1.7 years	IBM-Cyber Threat intelligence, IBM-Penetration Testing, Incident Response and Forensics, Cisco Cyber Security Essential.
9	Anuj Worlikar	1.7 year	1.7 year	CEH
10	Rohan Chache	8 months	8 months	CEH, CCNA
11	Appasaheb Patil	2 months	2 months	CEH
12	Chandrasekhar Kommu	2.7 years	2.7 years	Splunk fundamentals certified,Trend Micro Apex Central for Administrators,Azure Az-900,Palo alto Cortex XSOAR IT Admin
13	Gayatri Jadhav	2.3 Years	4.3 Years	ISO Lead Auditor
14	Nishigandha Jagtap	2 Months	4	ISO Lead Auditor

8. Specify Largest Project handled in terms of scope (in terms of volume, complexity, locations etc.) along with project value.

Company: One of the largest Manufacturing Company in India.

Scope/ Volume/ Locations/ Complexity

- Infrastructure security review (LAN/WAN) of 4+major locations
- Entire Security Architecture and Posture Review.
- Server Security review. (Physical & Virtual)
- Configuration audit (Core Network devices and Security Device)
- Vulnerability Assessment of Network devices
- Suggestions for improvement and future roadmap.
- Real Time Analysis and Audit

➤ Penetration testing of key applications

9. List of Information Security Audit Tools used (Commercial/ freeware/proprietary): QUALYS, NESSUS, WIRESHARK, IBM APP SCAN, KALI LINUX, OWASP ZAP, SANTOKU OS, BURP SUITE Pro etc.
10. Outsourcing of Project to External Information Security Auditors / Experts : **No**  
( If yes, kindly provide oversight arrangement (MoU, contract etc.))
11. Whether organization has any Foreign Tie-Ups? If yes, give details : **No**
12. Whether organization is a subsidiary of any foreign based organization? : **No**  
If yes, give details
13. Locations of Overseas Headquarters/Offices, if any : **Yes**

A. AUSTRALIA: -

1. MELBOURNE (Suite 2, Level 3 West Tower,608 St Kilda Rd,Melbourne, Victoria, 3004)
2. SYDNEY (Level 8, Avaya House,123 Epping Rd,North Ryde, NSW, 2113)

B. PHILIPPINES: -

1. AGC Networks Philippines, Inc., An Essar Enterprise 4th Floor, Jaka Building, 6780 Ayala Avenue, Makati City – 1226)

C.SAUDI ARABIA: -

1. Building no.113, Al Narjes Complex, Abu Bakr Road, Riyadh, KSA

D. KENYA: -

1. The Oval, 2nd Floor, Westlands | Nairobi | Kenya

E. NEW ZEALAND: -

1. Floor 17, 120 Albert Street, Auckland Central, Auckland 1010, New Zealand

F.UAE: -

1. DUBAI (Emaar Business Park, Building No. 4, Office # 508, PO Box 58569, Sheikh Zayed Road, Dubai, United Arab Emirates)
2. ABU DHABI (AGC Networks L.L.C. Al Nayadi Building 115, Office No. 701 Sheikh Rashid Bin Saeed Street (Airport Road) Abu Dhabi, United Arab Emirates)

G.USA: -

1. DALLAS (222 W Las Colinas Blvd, Suite 200 North Tower, Irving, Texas, 75039, Texas, USA)
2. FLORIDA (7970 Bayberry Rd, Suite 5, Jacksonville, Florida 32256)
3. MINNESOTA (10050 Crosstown Circle, Suite 600 Eden Prairie, MN 55344)
4. MINNESOTA (9155 Cottonwood Lane N Maple Grove, MN 55369)

H. SINGAPORE

1. AGC Networks Pte Limited 50 Raffles Place, # 32-01 Singapore Land Tower Singapore 048623.

\*Information as provided by <AGC Networks Limited> on July 1,2021



**Snapshot of skills and competence of CERT-In empanelled  
Information Security Auditing Organisation**

**M/s Cyber Security Works Pvt. Ltd.**

1. Name & location of the empanelled Information Security Auditing Organization:

**Registered Office: Cyber Security Works Pvt. Ltd  
No.3, III – Floor, E- Block, 599, Anna Salai ,Chennai – 600 006.**

**Corporate Office: Cyber Security Works Pvt. Ltd  
No.6, 3<sup>rd</sup>Floor, A- Block, IITM Research Park  
Taramani , Chennai – 600 113**

2. Carrying out Information Security Audits since : **2008**

3. Capability to audit, category wise (add more if required)

Network Vulnerability Assessment / Audit	<b>Yes</b>
Web-application security Assessment / Audit (Y/N)	<b>Yes</b>
Wireless security audit (Y/N)	<b>Yes</b>
Compliance audits (ISO 27001, PCI, etc.) (Y/N)	<b>Yes</b>
SDLC Review and Code Security Review	<b>Yes</b>
Application Penetration Testing	<b>Yes</b>
Network Penetration Testing	<b>Yes</b>
Information Security policy review, development and assessment	<b>Yes</b>
Mobile Application Security Assessment and Penetration Testing	<b>Yes</b>
Data Mining for Vulnerable Patterns from Complex and Large-Scale Networks	<b>Yes</b>
Ransomware Assessments	<b>Yes</b>
Red Team Assessments	<b>Yes</b>
IoT Security Assessments	<b>Yes</b>
SCADA and Critical Infrastructure Assessments	<b>Yes</b>
Social Engineering Assessments	<b>Yes</b>
Cloud and Virtual Security Assessment	<b>Yes</b>
Electronic Discovery and Digital Forensics	<b>Yes</b>
Malware Synthesis and Analytics	<b>Yes</b>
Incident Response	<b>Yes</b>
AUA/KUA Compliance audit	<b>Yes</b>
e-Sign Compliance audit	<b>Yes</b>

4. Information Security Audits carried out in last 12 Months:

Govt.: **11**  
PSU : **5**  
Private : **344**  
Total Nos. of Information Security Audits done : **360**

5. Number of audits in last 12 months, category-wise (**Organization can add categories based on project handled by them**)

Network security audit: **57**  
Web-application& Mobile Applications security audit: **287**  
Wireless security audit: **2**  
Compliance audits (ISO 27001, PCI, etc.): **14**

6. Technical manpower deployed for informationsecurity audits:

CISSPs : **1**  
BS7799 / ISO27001 LAs : **4**  
CISAs : **2**  
DISAs / ISAs : **0**  
Any other information security qualification: **15**  
Total Nos. of Technical Personnel :

7. Details of technical manpower deployed for information security audits in Government and Critical sector organizations (attach Annexure if required)

S. No.	Name of Employee	Duration with CSW	Experience in Information Security	Qualifications related to Information security
1	Ravi Pandey	9.7 Years	10.8 Years	ISO 27K LA, ISO 27K LI PCI-QSA, PCI-ASV Certified
2	Sridhar Krishnamurthi	11.11 Years	29.10 Years	CISA, CISSP, ISO 27K LA
3	Gunnam Ramesh	8.10 Years	8.10 Years	ISO 27K LA, PCI-ASV Certified
4	Arjun Basnet	7.3 Years	7.3 Years	PCI-ASV Certified
5	Ravichandran R	2.6 Years	18.8 Years	CISA, CFE, CEH, CCISO, CPISI, ECSA, ISO LA
6	Sathish Kumar	7 Years	7 Years	
7	Bonthala Satya Suvarna	5.8Years	5.8 Years	CompTIA Pentest+
8	DereddyMaheswari	5.8Years	5.8Years	
9	Rakesh Kumar M	3.11 Years	3.11 Years	
10	Dilip Raja Peddu	2.3 Years	2.3 Years	
11	Raj Kumar Shah	2.8 Years	3.4 Years	
12	Lourdhu Raj Periyamayagam	2.8 Years	2.8 Years	
13	Raj Kumar T M	2.8 Years	2.8 Years	
14	Vasantha Kumar T	2.1 Year	3.4 Years	CHFI, CIE, ECSA
15	Mohamed Yasir Hashim	1.9 Year	1.9 Year	
16	Shiva Rohit Guntuku	1.6 years	1.6 years	
17	Maria Daniel Raj I	0.11 year	0.11 years	

8. Specify Largest Project handled in terms of scope (in terms of volume, complexity, locations etc.) along with project value.
- Vulnerability assessment and Penetration testing of network infrastructure and web applications for a large Financial Services Company with offices across 68 Locations in India. (We cannot declare the name of organization as we have NDA signed with them)
  - Complexity: Project involved of Network Security Assessment, Internal and External Vulnerability Assessment and Penetration Testing, Security Configuration Review, Application Penetration Testing, Mobile Application Security Assessment.
9. List of Information Security Audit Tools used(commercial/ freeware/proprietary):

**Commercial Tools**

- Acunetix
- Nessus
- Nexpose
- Burp Suite Pro
- Qualys

**Proprietary**

- Securin ASM- SaaS based attack surface management platform.
- VapSploit - Data mining tool for network infrastructure security assessment.
- WebSploit - Data mining tool for web infrastructure security assessment.

**Freeware Tools:**

- Nmap
- Netcat
- Snmp Walk
- Metasploit
- Kali Linux
- Paros
- Burp Suite

- Brutus
- Nikto
- Firewalk
- Dsniff
- SQL Map
- John the ripper
- Paros
- Wikto
- Ethereal
- Netcat
- Openvas
- W3af
- OWASP Mantra
- Wireshark
- Ettercap
- Aircrack – Ng
- Cain & Abel
- Ironwasp
- OWASP Xenotix
- Fiddler
- Tamperdata
- Social Engineering Toolkit

10. Outsourcing of Project to External Information Security Auditors / Experts : **No** ( If yes, kindly provide oversight arrangement (MoU, contract etc.))

11. Whether organization has any Foreign Tie-Ups? If yes, give details : **Yes**

**Yes, we have partners for providing information security services in the respective countries.**

I. Partner with **ICE Information Technology** to provide Information Security Services in UAE

ICE Information Technology

P.O. Box: 120661, Dubai, UAE

P.O Box: 31078, Abu Dhabi, UAE

II. Partner with **RiskSense Inc.** to provide Information Security Services in USA

RiskSense Inc

4200 Osuna Road NE, Suite 3-300

Albuquerque, NM 87109, USA

12. Whether organization is a subsidiary of any foreign based organization? : **No**  
If yes, give details

13. Locations of Overseas Headquarters/Offices, if any : **No**

\*Information as provided by **Cyber Security Works Pvt Ltd** on 16<sup>th</sup> April 2021

**Back**

**Snapshot of skills and competence of CERT-In empanelled  
Information Security Auditing Organisation**

**M/s Deccan Infotech (P) Ltd.**

1. Name & location of the empaneled Information Security Auditing Organization:

**Name-** Deccan Infotech (P) Ltd  
**Address-**13J, Jakkasandra Block 7<sup>TH</sup> Cross,  
Koramangala, Bangalore-560034

2. Carrying out Information Security Audits since : **< 1996>**

3. Capability to audit , category wise (add more if required)

- Network security audit (Y/N) **< YES>**
- Web-application security audit (Y/N) **< YES>**
- Wireless security audit (Y/N) **< YES>**
- Compliance audits (ISO 27001, PCI, etc.) (Y/N) **< YES>**
- Mobile Security Audits **< YES>**
- Regulatory Audits **< YES>**

4. Information Security Audits carried out in last 12 Months :

Govt. : **<number of>** **15**  
PSU : **<number of>** **00**  
Private : **<number of>** **60**  
Total Nos. of Information Security Audits done : **75**

5. Number of audits in last 12 months , category-wise (**Organization can add categories based on project handled by them**)

Network security audit: **<number of>** **19**  
Web-application security audit: **<number of>** **50**  
Wireless security audit: **<number of>** **02**  
Compliance audits (ISO 27001, PCI, etc.): **<number of>** **04**

6. Technical manpower deployed for information security audits :

CISSPs : **<number of>** **01**  
BS7799 / ISO27001 LAs : **<number of>** **06**  
CISAs : **<number of>** **02**  
DISAs / ISAs : **<number of>** **00**  
Any other information security qualification: **<number of>** **03**  
Total Nos. of Technical Personnel : **12**

7. Details of technical manpower deployed for information security audits in Government and Critical sector organizations (attach Annexure if required)

S. No.	Name of Employee	Duration with <b>&lt;Deccan Infotech (P) Ltd&gt;</b>	Experience in Information Security	Qualifications related to Information security
1.	Mr. Dilip Hariharan	06/05/1996	24 yrs	C CISO, CRISC, CISM, CISA, CEH, CHFI, CFE, CCNA, ISO 27001 Lead Auditor & Implementer, ISO 9001:2008 LEAD AUDITOR, BS 15000 IMPLEMENTER, SANS certified in hacker techniques, exploits & incident handling

2.	Arjun Bhaskaran	08/11/2017	18 yrs	ISO 27001:2013 Information Security Management System
3.	Mr. Amit Gupta	01/09/2017	25 yrs	ISO 27001:2013 Information Security Management System
4.	Mr. Rajesh Kumar M	02/02/2018	3.2 yrs	ISO 27001:2013 Information Security Management System
5.	Mr. Gautam D. Hariharan	07/02/2019	2 Yr	ISO 27001:2013 Information Security Management System

8. Specify Largest Project handled in terms of scope (in terms of volume, complexity, locations etc.) along with project value.

- Web applications Security audit for more than 100 sites of A government organisation with different databases and web development technologies amounting to approximately 30 Lakhs.

9. List of Information Security Audit Tools used(commercial/ freeware/proprietary):

1. Burp Suite
2. NMAP
3. Netsparker
4. John The Ripper
5. NetCat
6. PW DUMP
7. Wireshark
8. OWASP ZAP
9. KALI Linux
10. Nessus
11. TCP Dump
12. Nexpose – Commercial tool
13. Brutus
14. Metasploit - Commercial
15. Mozilla Tools for web app audits
16. Fiddler
17. Dir buster
18. Nipper
19. Nikto
20. W3AF
21. Android tamer / Drozer / Geny motion
22. Immuniweb Mobile scanner
23. Mobile Security framework

10. Outsourcing of Project to External Information Security Auditors / Experts : No  
( If yes, kindly provide oversight arrangement (MoU, contract etc.))

11. Whether organization has any Foreign Tie-Ups? If yes, give details : No

12. Whether organization is a subsidiary of any foreign based organization? : No  
If yes, give details

13. Locations of Overseas Headquarters/Offices, if any : No

\*Information as provided by <Deccan Infotech (P) ltd > on <15-April-2021>

**Snapshot of skills and competence of CERT-In empanelled  
Information Security Auditing Organisation**

**M/s SISA Information Security Private Limited**

1. Name & location of the empanelled Information Security Auditing Organization :

**SISA INFORMATION SECURITY PRIVATE LIMITED  
No. 79, Road Number 9, KIADB IT PARK,  
Arebinnamangala Village, Jalahobli Bengaluru, Karnataka India - 562149**

2. Carrying out Information Security Audits since : **2001**

3. Capability to audit , category wise (add more if required)

• Network security audit	:	(Y)
• Web-application security audit	:	(Y)
• Wireless security audit	:	(Y)
• Compliance audits (ISO 27001, PCI, etc.)	:	(Y)
• Forensics Investigation & Analysis	:	(Y)
• Red Team Assessment	:	(Y)
• Web Application Penetration Testing	:	(Y)
• Mobile Application Penetration Testing	:	(Y)
• Network Penetration Testing	:	(Y)
• Network Vulnerability Assessment	:	(Y)
• Web Application Automated Vulnerability Assessment	:	(Y)
• WAP Application Penetration Testing	:	(Y)
• Thick Client Penetration Testing	:	(Y)
• Firewall Configuration Review	:	(Y)
• Wireless Penetration Testing	:	(Y)
• Server Configuration Review	:	(Y)
• Database Configuration Review	:	(Y)
• Source Code Review	:	(Y)
• Email Configuration Review	:	(Y)
• Network Architecture Review	:	(Y)
• Process and Policy Review	:	(Y)
• Incident Response	:	(Y)
• Spear Phishing Activity	:	(Y)
• Data Leakage Gap Analysis	:	(Y)
• Application Malware Scan	:	(Y)
• Network Malware Scan	:	(Y)
• Information Security Awareness Training	:	(Y)

4. Information Security Audits carried out in last 12 Months :

Govt.	:	<b>None</b>
PSU	:	<b>10+</b>
Private	:	<b>350+</b>
Total Nos. of Information Security Audits done	:	<b>360+</b>

5. Number of audits in last 12 months , category-wise (**Organization can add categories based on project handled by them**)

Network security audit	:	<b>200+</b>
Web-application security audit	:	<b>200+</b>
Wireless security audit	:	<b>5+</b>
Compliance audits (ISO 27001, PCI, etc.)	:	<b>300+</b>
Forensics Audit	:	<b>25+</b>

6. Technical manpower deployed for information security audits :

CISSPs	:	<b>4</b>
BS7799 / ISO27001 LAs	:	<b>21</b>
CISAs	:	<b>3</b>
DISAs / ISAs	:	<b>1</b>
Any other information security qualification	:	<b>32</b>
Total Nos. of Technical Personnel	:	<b>120</b>

7. Details of technical manpower deployed for information security audits in Government and Critical sector organizations (attach Annexure if required)

S. No.	Name of Employee	Duration with SISA	Experience in Information Security	Qualifications related to Information security
1	Dharshan Shanthamurthy	20 Years	18 Years	CISA, CISSP, PCI QSA, Core PFI, SANS GWAPT, OCTAVE Authorized Advisor/Assessor
2	Renju Varghese Jolly	14.6 Years	14.6 Years	CISA, PCI QSA, ISO 27001 LA, ISO 27001 LI, CPISI, PCI SSF, PA - QSA, P2PE QSA, OCTAVE IMPLEMENTER, SANS GCFA, VISA/MASTERCARD APPROVED COREFORENSIC INVESTIGATOR
3	Kaushik Pandey	7 years	7 years	CISA, PCI-QSA, ISO27001 LA, CPISI AUTHORIZED TRAINER
4	Yogesh Patel	6.4 Years	7 Years	CORE PFI, VISA SECURITY ASSESSOR, PCI QSA, PCI QPA, P2PE QSA, GCFA – GIAC CERTIFIED FORENSIC ANALYST, ISO 270001 LA & LI
5	Vivek Singh Chauhan	5.4 Years	5.4 Years	CEH V8, CERTIFIED PROFESSIONAL HACKER - IIS, CERTIFIED PROFESSIONAL FORENSICS ANALYST - IIS, CERTIFIED INFORMATION SECURITY CONSULTANT- IIS, DIGITAL FORENSIC INVESTIGATOR – ASCL
6	Saravana S	1.2 Years	11 years	CISSP,CEH V10, AWS SOLUTION ARCHITECT, GDPR DATA PROTECTION OFFICER, CPISI, PCI ASV, ISO 27001 LA
7	Nelson Yaragal	1.6 Years	11 years	CISA, ISO 27001 LA, ISO 27001 LI, CPISI
8	Sudeep Devashya	1.6 Years	12 Years	ISO 27001 LA, ISO 27001 LI, CPISI
9	Aman Srivastava	1.9 years	6 years	CISSP, PCI QSA, ISO 27001 LA, ISO 27001 LI, CEHV7, ITIC3,CCNP SECURITY, JNCIS SECURITY
10	Prajwal Gowda	6 Years	6 Years	PCI QSA, ISO 27001 LA, ISO 27001 LI, CPISI - S LEAD TRAINER

8. Specify Largest Project handled in terms of scope (in terms of volume, complexity, locations etc.) along with project value.

Client	Compliance	Project Value in INR
BPO/Services	PCI DSS, Information Security Audit	1.01 Cr
Medical devices and Health care	PCI DSS, Information Security Audit , Network and Web Security Testing	1.12 Cr
Payment Solution Provider	PCI DSS, Information Security Audit , - Network and Web Security Testing,	1.02 CR
Financial Sector Organization	PCI DSS, Information Security Audit , Network and Web Security Testing,	0.80 Cr

9. List of Information Security Audit Tools used ( commercial/ freeware/proprietary):

<b>Commercial Tools</b>	<b>Port Scanning</b>	<b>Network &amp; System Vulnerability Assessment</b>	<b>Social Engineering</b>
<ul style="list-style-type: none"> <li>• Nessus Commercial</li> <li>• Burp Suite Professional</li> <li>• Microfocus Fortify</li> <li>• Quays Guard</li> </ul>	<ul style="list-style-type: none"> <li>- Nmap</li> <li>-Hping3</li> </ul>	<ul style="list-style-type: none"> <li>- Metasploit</li> <li>- Nessus</li> <li>- Nipper</li> </ul>	<ul style="list-style-type: none"> <li>- Social-Engineering Toolkit (SET)</li> </ul>
<b>Privilege Escalation</b>	<b>Exploitation</b>	<b>Application Security Assessment</b>	<b>Threat Profiling &amp; Risk Identification</b>
<ul style="list-style-type: none"> <li>- Cain &amp; Abel</li> <li>- Nipper</li> </ul>	<ul style="list-style-type: none"> <li>- SQL Map</li> <li>- Metasploit</li> </ul>	<ul style="list-style-type: none"> <li>• Burp Suite Professional</li> <li>• OWASP ZAP</li> <li>• Nikto</li> <li>• SQLMap</li> <li>• SSL Scan</li> <li>• Directory Buster</li> <li>• MobSF</li> <li>• Drozer</li> <li>• Frida</li> <li>• Objection</li> <li>• Echo Mirage</li> <li>• Fiddler</li> <li>• TCP Relay</li> <li>• Microsoft Sysinternal Tools</li> <li>• Wireshark</li> <li>• Hopper</li> <li>• Microsoft Devskim</li> <li>• Brakeman</li> <li>• Graudit</li> <li>• GoSec</li> <li>• DevAudit</li> <li>• Bandit</li> <li>• Application Inspector</li> </ul>	<ul style="list-style-type: none"> <li>-Risk Assessment (RA)</li> </ul>
<b>Data Discovery</b>	<b>MDR</b>	<b>Red Team</b>	<b>Wireless Penetration Testing</b>
<ul style="list-style-type: none"> <li>- SISA Radar</li> </ul>	<ul style="list-style-type: none"> <li>- ProACT</li> </ul>	<ul style="list-style-type: none"> <li>- OSINT Tools</li> <li>- Harvester</li> <li>-DNSrecon</li> </ul>	<ul style="list-style-type: none"> <li>- Wapiti</li> <li>- Aircrack-ng</li> </ul>

10. Outsourcing of Project to External Information Security Auditors / Experts ( If yes, kindly provide oversight arrangement (MoU, contract etc.)) : No
11. Whether organization has any Foreign Tie-Ups? If yes, give details : No
12. Whether organization is a subsidiary of any foreign based organization? If yes, give details : No
13. Locations of Overseas Headquarters/Offices, if any : Yes



<b>AMERICAS</b>	<b>SISA Information Security Inc.</b> Las Colinas The Urban Towers, 222 West Las Colinas Boulevard, Suite 1650, Irving, Texas 75039, USA Tel: +1 (214) 308-2146
<b>MIDDLE EAST and AFRICA</b>	<b>SISA Information Security WLL</b> Gulf Business Center, Suite #1119, Al Salam Tower, 11th Floor, Building 722, Road 1708, Block 317, Kingdom of Bahrain. Tel: +973 32 333 856
	<b>SISA Information Security</b> Novotel Business Park, Tower 2, 1st Floor, Unit No. 43, Dammam – 32232-6140, Saudi Arabia. Tel: +973 32 333 856
	<b>SISA Information Security FZE</b> P.O.Box 37495, Ras Al Khaimah, United Arab Emirates. Tel: +973 32 333 856 Mobile: +91 98458 54094
<b>EUROPE</b>	<b>SISA Information Security Ltd.</b> 81 Bellegrove Road, Welling, Kent – DA16 3PG, United Kingdom. Tel: +44 20 3874 1591
<b>ASIA PACIFIC</b>	<b>SISA Information Security Pte. Ltd.</b> 101 Cecil Street, #17-09, Tong Eng Building, Singapore – 069533. Tel: +65 3163 1024
	<b>SISA Information Security Pty. Ltd.</b> '9A', 139 Minjungbal Drive, Tweed Heads South, NSW – 2486, Australia. Tel: +61 (2) 9161 2963

\*Information as provided by **SISA Information Security Private Limited** on **16/04/2021**

**Snapshot of skills and competence of CERT-In empanelled  
Information Security Auditing Organisation**

**M/s TUV-SUD south Asia Pvt. Ltd**

1. Name & location of the empanelled Information Security Auditing Organization :

**TUV-SUD south Asia Pvt. Ltd**

2. Carrying out Information Security Audits since : **2018**

3. Capability to audit , category wise (add more if required)

- Network security audit: Yes
- Web-application security audit: Yes
- Wireless security audit : Yes
- Compliance audits (ISO 27001, IEC 62443, IEC 27019, PCI, etc.): Yes
- Finance Sector Audits (Swift,ATMs, API, Payment Gateway etc.) Yes
- ICS/OT Audits:Yes
- Cloud security Audits: Yes

4. Information Security Audits carried out in last 12 Months:

Govt. : **Nil**

PSU : **Nil**

Private : **10**

Total Nos. of Information Security Audits done : 10

5. Number of audits in last 12 months , category-wise (**Organization can add categories based on project handled by them**)

Network security audit: **33**

Web-application security audit: 54

Wireless security audit: **2**

Compliance audits (ISO 27001, IEC 62443, IEC 27019, PCI, etc.): 46

Finance Sector Audits (Swift,ATMs, API, Payment Gateway etc.): 1

6. Technical manpower deployed for informationsecurity audits :

CISSPs : **Nil**

BS7799 / ISO27001 LAs : **3**

CISAs : **1**

DISAs / ISAs : **Nil**

Any other information security qualification: **CCSP (1) , PCI QSA (2)**

Total Nos. of Technical Personnel :

7. Details of technical manpower deployed for information security audits in Government and Critical sector organizations (attach Annexure if required)

S. No.	Name of Employee	Duration with <b>&lt;organization&gt;</b>	Experience in Information Security	Qualifications related to Information security
1	Mr. Amit Kadam	2	22	CISA / ISMS LA/CCSSP/PCI DSS
2	Mr. Atul Srivastava	3	12	MCSA, CCNA, IVTL v3, COBIT 5, ISO27001 Lead Auditor, ISO27001 Lead Implementer, PCI QSA
3	Mr. Kaushal Meher	3	4.5	CEH, ISO27001 Lead Auditor
4	Ms. Archana Agre	1	2	CNSS Certified
5	Mr. Prajwal Shetty	1	3.5	ECSCA (EC Council Certified Security Analyst)

8. Specify Largest Project handled in terms of scope (in terms of volume, complexity, locations etc.) along with project value.

Category	Organizations	Location
Insurance Sector	5	PAN-India
Payment Corporation	10	Mumbai, Chennai, Hyderabad

9. List of Information Security Audit Tools used( commercial/ freeware/proprietary):

1. Nessus
2. NMAP
3. SQL map
4. Burp suite
5. NIPPER

10. Outsourcing of Project to External Information Security Auditors / Experts : No  
( If yes, kindly provide oversight arrangement (MoU, contract etc.))

11. Whether organization has any Foreign Tie-Ups? If yes, give details: No

12. Whether organization is a subsidiary of any foreign based organization? : Yes  
If yes, give details : We are a subsidiary of TÜV SÜD group head Office in Germany

13. Locations of Overseas Headquarters/Offices, if any : Yes

All locations are on the web sites. Locations | TÜV SÜD in India (tuvsud.com)

\*Information as provided by TÜV SÜD south Asia Pvt. Limited on 28 June 2021

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**Snapshot of skills and competence of CERT-In empanelled  
Information Security Auditing Organisation**

**M/s ControlCase International Pvt. Ltd.**

1. Name & location of the empanelled Information Security Auditing Organization :

**ControlCase International Pvt. Ltd.,  
Corporate Center, Wing A, 4<sup>th</sup> floor, unit no. 407, J  
. B. Nagar, Andheri-Kurla Road, Andheri (East),  
Mumbai 400059, Maharashtra.**

2. Carrying out Information Security Audits since : **2005**

3. Capability to audit , category wise (add more if required)

- Network security audit: **Y**
- Web-application security audit: **Y**
- Wireless security audit: **Y**
- Compliance audits (ISO 27001, 27017, 27018, 22301, 27701, PCI DSS, PA DSS, PCI SSA, PCI SLC, P2PE, PIN, TSP, 3DS, ASV, HITRUST, HIPAA, SOC, NIST 800-53, 800-171, CSA STAR, GDPR, CCPA etc.) : **Y**
- Finance Sector Audits (SWIFT, ATMs, API, Payment Gateway, Banks, Insurance companies etc.) : **Y**
- ICS/OT Audits : **Y**
- Cloud security Audits : **Y**
- Web Application Source Code Review: **Y**
- Advanced Penetration Testing Training: **Y**
- Virtualization Security Assessment: **Y**
- Mobile Application Security Audit: **Y**
- IoT Security Audit: **Y**
- Segmentation Penetration Test: **Y**
- Social Engineering: **Y**

4. Information Security Audits carried out in last 12 Months :

Govt.	: <b>3</b>
PSU	: <b>3</b>
Private	: <b>500+</b>
Total Nos. of Information Security Audits done	: <b>500+</b>

5. Number of audits in last 12 months , category-wise (**Organization can add categories based on project handled by them**)

Network security audit	: <b>100+</b>
Web-application security audit	: <b>400+</b>
Wireless security audit	: <b>10+</b>
Compliance audits (ISO 27001, IEC 62443, IEC 27019, PCI, etc.)	: <b>1000+</b>
Finance Sector Audits (Swift, ATMs, API, Payment Gateway etc.)	: <b>100+</b>
ICS/OT Audits	: <b>2</b>
Cloud security Audits	: <b>100+</b>

6. Technical manpower deployed for information security audits :

CISSPs : **5**  
BS7799 / ISO27001 LAs : **37**  
CISAs : **15**  
DISAs / ISAs : **0**  
CISM: **16**  
CEH: **7**  
CHFI: **1**  
PCI QSA: **33**  
PCI PA QSA: **5**  
PCI SSA: **5**  
PCI SLCA: **9**

PCI ASV: **5**  
 PCI 3DS: **2**  
 PCI P2PE QSA: **3**  
 PCI CPSA-Physical: **4**  
 PCI CSPA-Logical: **4**  
 PMP: **2**  
 CBCP: **1**  
 CCSFP: **1**  
 CCSK (CSA Star): **2**  
 CCSP: **1**  
 CDPSE: **9**  
 CCNA: **5**  
 ITIL: **2**  
 Total Nos. of Technical Personnel : 100+

7. Details of technical manpower deployed for information security audits in Government and Critical sector organizations (attach Annexure if required)

S. No.	Name of Employee	Duration with <b>ControlCase</b>	Experience in Information Security	Qualifications related to Information security
1.	Satyashil Rane	12+ Years	20+ Years	PCI QSA, PA QSA, PCI SSA, PCI SLCA, P2PE, CISSP, CEH, ASV, ISO 27001 LA
2.	Rajkumar Yadav	8+ Years	9+ Years	MS Cyber Law and Info Sec, CISSP, ASV, ISO LA
3.	Shashank Vaidya	10+ Years	10+ Years	CISSP, PCI-AQSA, PCI-ASV, ISO 270001 LA, ISO 270001 LI
4.	Vaibhav Mahadik	10+ Years	10+ Years	CEH, ECSA, ASV, PCI AQSA, ISO 27001 LA, ISO 270001 LI
5.	Chaitany Kamble	11+ Years	13+ Years	ISO 27001 LA, ISO 270001 LI, PCI QSA
6.	Sushant Kamble	7+Years	7+Years	OSCP

8. Specify Largest Project handled in terms of scope (in terms of volume, complexity, locations etc.) along with project value.

Sr.No	Client	Description of services ( Relevant to Scope of Work in this RFP, give reference number only)	Project Value
1.	One of the largest Financial Service Provider in India	Continuous Compliance Which includes PCI certification, Fire wall rule set review, Configuration scanning of IT Assets, Application Security scanning, Log Monitoring and automated alerting, Internal vulnerability scan, External vulnerability scan, Internal and external penetration testing, Review and updating of policies, Annual security awareness trainings, Risk assessment	Confidential
2.	One of the largest bank in Vietnam	PCI DSS Certification Application Penetration Test Internal vulnerability scan, External vulnerability scan, Internal and external penetration testing	Confidential
3.	One of the largest bank in Brunei	Application Security Review Code review	Confidential

4.	One of the largest payment transaction service provider in Mauritius	Compliance as a Services – CAAS Which includes PCI certification, Fire wall rule set review, Configuration scanning of IT Assets, Application Security scanning, Log Monitoring and automated alerting, Internal vulnerability scan, External vulnerability scan, Internal and external penetration testing, Review and updating of policies, Annual security awareness trainings, Risk assessment	Confidential
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9. List of Information Security Audit Tools used ( commercial/ freeware/proprietary):

**Commercial:**

- Rapid 7 Nexpose
- QualysGuard External Scanner
- Tenable Nessus Security Scanner
- Netsparker Professional
- Rapid7 Nexpose Enterprise edition
- Nmap
- Burp Suite Professional
- Nipper

**Freeware / Open Source (Includes but not limited to below):**

- Kali Linux Framework – Nmap, Netcat, cryptcat, Hping, Sqlmap, JTR, OpenVAS, SET, MSF, Aircrack suite, Dirbuster, Cain
- Fiddler
- Charles Proxy
- Metasploit
- Mobile Security Framework
- L0phtcrack Password Cracker
- OpenVas
- W3af
- Directory Buster

**Proprietary:**

**ControlCase SkyCAM** - ControlCase SKYCAM is a consolidated framework that quickly and cost-effectively enables IT governance, risk management and compliance (GRC) with one or several government or industry regulations simultaneously. It allows IT organizations to proactively address issues related to GRC and implement a foundation that is consistent and repeatable.

**ControlCase Compliance Manager (CCM)** - Built upon the ControlCase GRC (CC-GRC) platform and provides an integrated solution to managing all aspects related to compliance. CCM allows organizations to implement the processes, integrate technologies and provide a unified repository for all information related to Compliance.

**Card Data Discover (CDD)** - ControlCase Data Discovery (CDD) addresses key need of Credit Card Data Discovery and is one of the first comprehensive scanners that not only searches for credit and debit card data on file systems, but also in most commercial and open source databases, and all this searching is done WITHOUT installing any agents on any scanned system. It scans the whole enterprise from one location.

**ControlCase Compliance Scanner** - ControlCase Compliance Scanner allows QSAs/Auditors and consultants to streamline and automate the process of evaluating PCI compliance during onsite engagements. Results from leading vulnerability scanners and application scanners, along with cardholder data search features are processed by the Compliance Scanner to pre-populate approximately half the controls of PCI DSS.

**ControlCase ACE** - ControlCase Automated Compliance Engine allows assessors and customers to collect compliance evidence automatically from cloud and non-cloud environments to satisfy various Certification/compliance related requirements. It is capable not only automatically collecting the evidence but also determining compliance status and providing pinpointed recommendations to remove non-compliances.

10. Outsourcing of Project to External Information Security Auditors / Experts : **No**  
( If yes, kindly provide oversight arrangement (MoU, contract etc.))
11. Whether organization has any Foreign Tie-Ups? If yes, give details : **No**
12. Whether organization is a subsidiary of any foreign based organization? : **Yes**  
If yes, give details - , ControlCase International Pvt. Ltd is subsidiary of ControlCase Holdings
13. Locations of Overseas Headquarters/Offices, if any : **Yes,**  
**ControlCase LLC, 12015 Lee Jackson Memorial Hwy, Suite 520, Fairfax, VA 22033**

\*Information as provided by ControlCase International Pvt. Ltd. on July 23, 2021

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**Snapshot of skills and competence of CERT-In empanelled  
Information Security Auditing Organisation**

**M/s Netrika Consulting India Pvt. Ltd.**

1. Name & location of the empaneled Information Security Auditing Organization:

**M/s Netrika Consulting India Pvt. Ltd.**

**Global HQ:** Plot no.2, Industrial Estate, Udyog Vihar, Phase-IV, Gurugram, Haryana, India. PIN: 122015

**Registered Office Address:** 2nd Floor, 25, BLK-BK 25, Mandir, Shalimar Bagh, New Delhi (110088).

**Regional Offices:**

Mumbai: Accord Classic 510, above Anupam Stationery, Arey Road, Goregaon East, Mumbai - 400063 (Ph: +91-22-49035900)

Bengaluru: Unit No 205 A, Carlton Towers, 01 Old Airport Road, Bangalore - 560008 (Ph: +91-80-43728750)

2. Carrying out Information Security Audits since : **2013**

3. Capability to audit, category wise (add more if required)

- Network security audit (Y/N): Y
- Web-application security audit (Y/N): Y
- Wireless security audit (Y/N): Y
- Compliance audits (ISO 27001, IEC 62443, IEC 27019, PCI, etc.) (Y/N): Y
- Finance Sector Audits (Swift,ATMs, API, Payment Gateway etc.) (Y/N): Y
- ICS/OT Audits (Y/N): Y
- Cloud security Audits (Y/N): Y
- Application Security Testing: Y
- Mobile & API Security Testing: Y
- Secure Configuration Reviews: Y
- Cyber Forensics and Investigations: Y

4. Information Security Audits carried out in last 12 Months:

Govt.: **15**

PSU: **incl. Above**

Private: **15**

Total Nos. of Information Security Audits done: 30+

5. Number of audits in last 12 months, category-wise (**Organization can add categories based on project handled by them**)

Network security audit	: <b>7</b>
Web-application security audit	: <b>25</b>
Wireless security audit	: <b>3</b>
Compliance audits (ISO 27001, IEC 62443, IEC 27019, PCI, etc.)	: <b>4</b>
Finance Sector Audits (Swift,ATMs, API, Payment Gateway etc.)	: <b>2</b>
ICS/OT Audits	: <b>0</b>
Cloud security Audits	: <b>1</b>

6. Technical manpower deployed for information security audits:

CISSPs	: <b>1</b>
BS7799 / ISO27001 LAs	: <b>5</b>
CISAs	: <b>1</b>
DISAs /ISAs	: <b>0</b>
Any other information security qualification: <b>CEH/CISC/CPFA/eWPTX/OSCP: 5</b>	
Total Nos. of Technical Personnel	: 10



7. Details of technical manpower deployed for information security audits in Government and Critical sector organizations (attach Annexure if required)

S. No.	Name of Employee	Duration with <organization>	Experience in Information Security	Qualifications related to Information security
1	Rajesh Kumar	~2 Years	20+ Years	CISSP, CISA, CEH, CFE, CDPSE etc.
2.	Nikit Jain	3 Years	4 Years	CEH, CISC, CPFA
3.	Mukesh Kumar	0.5 Years	7 Years	CEH, EWPTX, OSCP
3.	H. S. Rawat	2.5 years	10 years	CEH, ISO27001LA
5.	Rahul Khattar	1 Years	10+ Years	ISO27001LA

8. Specify Largest Project handled in terms of scope (in terms of volume, complexity, locations etc.) along with project value.

A leading Logistics Company in India, covering comprehensive Cyber Security Posture Assessment, Internal/External Network, Application VAPT, Business Continuity Assessment, End-point configuration review etc. Project Scope covered corporate office and sample regional offices with project value around 8L.

9. List of Information Security Audit Tools used (commercial/ freeware/proprietary):

Nmap/Nessus/Wireshark/OpenVAS/SQLMap/Metasploit/Burpsuite/Brutus/Hydra/MobSF/Drozer/KaliLinux/Manual Scripts etc. and many more inducted as needed for project scope.

10. Outsourcing of Project to External Information Security Auditors / Experts : No  
( If yes, kindly provide oversight arrangement (MoU, contract etc.))

11. Whether organization has any Foreign Tie-Ups? If yes, give details: No

12. Whether organization is a subsidiary of any foreign based organization? : No  
If yes, give details

13. Locations of Overseas Headquarters/Offices, if any: Yes

- a. UAE: SAIF Zone, Q1-06-141/C, PO Box 124932, Sharjah Airport Free Zone  
b. SINGAPORE: Regus Vision Exchange, 2 Venture Drive Level. # 24-01- #24-32, Singapore (608526)

\*Information as provided by **Netrika Consulting India Pvt Ltd** on **25-July-2021**.

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**Snapshot of skills and competence of CERT-In empanelled  
Information Security Auditing Organisation**

**M/s NG TECHASSURANCE PRIVATE LIMITE**

1. Name & location of the empanelled Information Security Auditing Organization:

**Name: NG TECHASSURANCE PRIVATE LIMITED**  
**Address: Shop No. S-06 and S-07 (206 & 207), 2nd Floor,**  
**Atlanta Shopping Mall, Althan Bhimrad Road, Surat, Gujarat - 395017**

2. Carrying out Information Security Audits since : **2016**

3. Capability to audit, category wise (add more if required)

• Network security audit (Y/N)	: Yes
• Web-application security audit (Y/N)	: Yes
• Mobile application security audit (Y/N)	: Yes
• IT general controls review (Y/N)	: Yes
• Secure Configuration audit (Y/N)	: Yes
• Vulnerability Assessment & Penetration Testing (Y/N)	: Yes
• Policy review against best security practices and regulatory requirement (Y/N)	: Yes
• IT GAP assessment(Y/N)	: Yes
• Information security risk assessment. (Y/N)	: Yes
• Compliance audits (RBI, NABARD) (Y/N)	: Yes
• Information security awareness&training (Y/N)	: Yes
• Data Migration Audit (Y/N)	: Yes

4. Information Security Audits carried out in last 12 Months:

Govt.	: Nil
PSU	: Nil
Private	: 36
Total Nos. of Information Security Audits done	: 36

5. Number of audits in last 12 months, category-wise (**Organization can add categories based on project handled by them**)

Network security audit	: 17
Web-application security audit	: 57
Mobile application security audit	: 07
IT general controls review	: 07
Secure Configuration audit	: 12
Vulnerability Assessment & Penetration Testing	: 24
Policy review against best security practices and regulatory requirement	: 09
IT GAP Assessment(Y/N)	: 07
Information security risk assessment. (Y/N)	: 01
Compliance audits (RBI, NABARD)	: 34
Information security awareness& training	: 25
Data Migration Audit	: 01

6. Technical manpower deployed for informationsecurity audits:

CISSPs	: Nil
BS7799 / ISO27001 LAs	: 02
CISAs/ DISAs / ISAs	: 02
Any other information security qualification (CEH/ M. Tech etc)	:10
<b>Total Nos. of Technical Personnel</b>	<b>: 12</b>

7. Details of technical manpower deployed for information security audits in Government and Critical sector organizations (attach Annexure if required)

S.No.	Name of Employee	Duration with NG TechAssurance Pvt. Ltd	Experience in Information Security	Qualifications related to Information security
1	Niraj Goyal	>5 years	>7 years	CEH, ISA
2	Diti Patel	> 1.5 year	>1.5 years	M Tech (CS)
3	Gaurav Goyal	>2 years	>3 years	ISMS LA
4	Neha Goyal	>5 years	>5 years	CEH
5	Adarsh Desai	>1.5 year	>1.5 years	M Tech (CS)

8. Specify Largest Project handled in terms of scope (in terms of volume, complexity, locations etc.) along with project value.

For one of the reputed Financial Institution of the country, we have conducted Vulnerability Assessment & Penetration Testing, Web and Mobile Application Testing, Compliance Audits with live on all the delivery channels, having owned Data Centre and having 400+ IPs.

9. List of Information Security Audit Tools used (commercial/ freeware/proprietary):

**Commercial Tools**

Burp Suite Professional  
Nessus Professional

**Open-Source/Freeware Tools**

Kali Linux  
Wireshark  
OWASP ZAP  
Vega  
Nmap  
Web Scarab  
Aircrack suite  
Nikto  
MBSA  
JhonTheRipper  
Hydra  
DirBuster  
SQLMap  
Metasploit  
Nox Emulators  
TestSSL  
Nipper-NG

**Proprietary**

Custom Developed Shell & Python Scripts

10. Outsourcing of Project to External Information Security Auditors / Experts : No
11. Whether organization has any Foreign Tie-Ups? If yes, give details : No
12. Whether organization is a subsidiary of any foreign based organization? :  
No
13. Locations of Overseas Headquarters/Offices, if any : No

\*Information as provided by **M/s NG TechAssurance Private Limited** on **26/July/2021**

**Snapshot of skills and competence of CERT-In empanelled  
Information Security Auditing Organisation**

**M/s OXYGEN CONSULTING SERVICES PRIVATE LIMITED**

1. Name & location of the empanelled Information Security Auditing Organization:

**OXYGEN CONSULTING SERVICES PRIVATE LIMITED  
COSMOS, E/701, Magarpatta City, Hadapsar, Pune 411028**

2. Carrying out Information Security Audits since : **2007**

3. Capability to audit, category wise (add more if required)

- ICS/OT Security Review: Y
- UIDAI AUA/KUA Audit: Y
- Network security audit: Y
- Wireless security audit: Y
- Systems Migration Audit: Y
- IT/Cybersecurity Roadmap: Y
- Data Privacy/Protection Audit: Y
- Web-application security audit: Y
- IT/Systems/Cybersecurity Audits: Y
- Internal Audit/Risk based Audit: Y
- Network/System/Application VAPT: Y
- IT General controls (ITGC) Audit: Y
- IT Governance/ COBIT/ IT-GRC Audit: Y
- 3rd Party/ Outsourcing/Vendor audit: Y
- Secure SDLC and Secure code review: Y
- Storage of Payment System Data Audit: Y
- Cybersecurity/Infosec Awareness Review: Y
- Cloud security, Outsourced DC and DR site audits: Y
- Server/Firewall/Database/Email Configuration Review: Y
- RBI/SEBI/IRDA/NBFC/Stock Brokers/DP Compliance audit: Y
- CSOC/DLP/FW/IPS/WAF/PIM/SIEM/Security Products Audit: Y
- Cyber Resilience/Business Continuity/Disaster Recovery Audits: Y
- Functional Audits (CBS/Treasury/BBPS/CTS/In-House Software) Audits: Y
- Compliance audits (ISO/IEC 27001, ISO 22301, ISO 27701, PCI, GDPR etc.): Y
- Finance Sector Audits (Swift, ATMs, API, Payment Gateway, SEBI, NBFC etc.): Y

4. Information Security Audits carried out in last 12 Months:

Govt.: **Nil**

PSU: **Nil**

Private: **87**

Total Nos. of Information Security Audits done: **87**

5. Number of audits in last 12 months, category-wise (**Organization can add categories based on project handled by them**)

Cloud security Audits: 6

Web-application security audit: 5

Network security/ VAPT/Config audit: 30

Systems & Cybersecurity audit: 64

Compliance audits (ISO 27001/22301, PCI, GDPR etc.): 4

Finance Sector Audits (Swift, ATMs, API, Payment Gateway, SEBI etc.): 46

6. Technical manpower deployed for information security audits:

CISSPs: **1**

ISO 27001 LAs: **3**

CISAs: **4**

CISMs: **2**

CEH/CDPSE/CGEIT/FBCI/Prince2/ITILv3: **1**

Total Nos. of Technical Personnel: **6**

7. Details of technical manpower deployed for information security audits in Government and Critical sector organizations (attach Annexure if required)

S. No.	Name of Employee	Duration with OCSPL	Experience in Information Security	Qualifications related to Information security
1	Sanjiv Kumar Agarwala	~ 14 Years	24+ years	CISSP,CISA,CGEIT,CISM,FBCI,CDPSE,ISO27001LA, ISO22301LA, ITIL, ISO9001LA
2	Sachin Prakash Jadhav	5+ Years	14+ Years	CISA, CEH
3	Chandrashekhar Pulekar	~ 1 Year	24+ Years	CISA, ISO27001 LA, PRINCE2, ITIL v3, ISO9001LA
4	Sumukh Bhagwat	~ 1 Year	10+ Years	ISO27001 LA
5	Aparna Joglekar	< 1 Year	15+ Years	CISA,CISM
6	Shradha Agarwala	~14 Years	5+ Years	ISO27001 IA

8. Specify Largest Project handled in terms of scope (in terms of volume, complexity, locations etc.) along with project value.

Largest Project / Client	Project Scope/details
ISMS/ISO27001 consulting for an engineering services MNC having offices in APAC, Europe and North America	Security Policies, SOP, ISMS Mandatory documentation, risk assessment facilitation, consulting support for control implementation, VAPT, Customer specific requirements, ISMS internal audits, ISMS awareness training, external audit support. Project duration: 12 months with total project value around 20 Lakhs. Excludes logistics costs
Systems audit for a leading Small Private Bank	Audit scope included CBS, ATM, Internet Banking, Mobile Banking, SWIFT, FOREX, TREASURY, Dealing, DEMAT, AML, ALM, NPA, CTS, RBI and NPCI requirement, PSS, IT Act 2000 and amendments, Privacy policy, Risk Management, IT infrastructure, DC, DR, HRMS, Reconciliation, In-house applications, Policy review, IT Governance, IT Strategy, OS, Database security, BCP/DR, Payment systems, Mobile App, Risk Assessment, SOC/SIEM, PIM,WAF, DLP, Audit as per RBI Cybersecurity framework, VAPT of Network, Critical desktops, Public IP address, Applications, ISO27001 controls, Physical security. Project duration (end to end): around 6 months with total project value < 20 Lakhs

9. List of Information Security Audit Tools used (commercial/ freeware/proprietary):

Tools used	Usage
Nessus	Infrastructure Scanning
Burpsuite	Web Application VAPT
Wireshark	Infrastructure Scanning/Sniffing
WHOIS & DOM Tools	DNS Foot-printing tools
Qualys SSL	Web Application SSL security
WINDOWS OS TOOLS/UTILITIES	In-built Windows tools/Utilities
Uniscan	Web Application VAPT
Zaproxy	Web Application VAPT
John the Ripper	Password cracking
Hping	Multi-purpose tool
Nexpose,	Vulnerability Assessment
Ethereal	Network Sniffing
Nmap/Zenmap	Portscanning
Nikto	Penetration Testing
Immuniweb	Mobile App security testing
Sqlmap	Penetration testing/ DB Scanner
DirBuster	Directory Buster

Skipfish	Web Application VAPT
WebScarab	Web Application Scanning
Metasploit	Penetration Testing
Netcat	Multi-purpose tool
Acunetix	Web Application VAPT
N-Stalker	Web Application VAPT
Customized scripts/commands/OS tools	Multi-purpose

10. Outsourcing of Project to External Information Security Auditors / Experts : No  
( If yes, kindly provide oversight arrangement (MoU, contract etc.))
11. Whether organization has any Foreign Tie-Ups? If yes, give details : No
12. Whether organization is a subsidiary of any foreign based organization? : No  
If yes, give details
13. Locations of Overseas Headquarters/Offices, if any : No

\*Information as provided by **OXYGEN CONSULTING SERVICES PRIVATE LIMITED** on 26 July 2021

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**Snapshot of skills and competence of CERT-In empanelled  
Information Security Auditing Organisation**

**M/s Peneto Labs Private Limited**

1. Name & location of the empanelled Information Security Auditing Organization :

**Peneto Labs Private Limited**  
**Registered Office: NO.S2, GREENVILE APARTMENTS MURUGESA, NAICKEN STREET**  
**SENTHIL NAGAR EXTN, CHROMPET, Chennai, 600044**  
**Operation Address: Level 8 & 9, Olympia Teknos , No - 28, SIDCO Industrial Estate,**  
**Guindy, Chennai 600032,TAMILNADU.**

2. Carrying out Information Security Audits since : **2017**

3. Capability to audit , category wise (add more if required)

- Network security audit (yes)
- Web-application security(yes)
- Wireless security audit (yes)
- Vulnerability Assessment and Management (yes)
- Penetration Testing (Infra/App) (yes)
- Mobile Application security assessment (yes)
- Phishing Simulation Exercise (yes)
- Red Team Assessment(yes)
- Source Code Review(yes)
- Firewall Rule Base review(yes)
- Purple Teaming Assessment (yes)
- Adversary Simulation (yes)
- Cloud security Audits(yes)

4. Information Security Audits carried out in last 12 Months :

Govt. : **0**  
PSU : **0**  
Private : **17+**  
Total Nos. of Information Security Audits done : **17+**

5. Number of audits in last 12 months , category-wise (**Organization can add categories based on project handled by them**)

Network security audit : **10+**  
Web-application security audit : **25+**  
Mobile Application security assessment : **5+**

6. Technical manpower deployed for informationsecurity audits :

CISSPs : **1**  
BS7799 / ISO27001 LAs : **2**  
CISAs : **0**  
DISAs / ISAs : **0**  
Any other information security qualification:  
CEH: **5**  
SANS GPEN: **1**  
SANS GCIH: **1**  
SANS GWAPT: **1**  
SANS GRID: **1**  
OSCP: **2**  
OSCE: **2**  
OSWP: **1**  
CREST CRT: **1**  
Total Nos. of Technical Personnel : **9**

7. Details of technical manpower deployed for information security audits in Government and Critical sector organizations (attach Annexure if required)

S. No.	Name of Employee	Duration with <b>Peneto Labs Pvt Ltd</b>	Experience in Information Security	Qualifications related to Information security
1	Parthiban Jegatheesan	3 Years 4 Months	12 Years	OSCP,OSCE,GCIH,GWAPT, ISO 27001 Lead Auditor(ISMS LA)
2	Shankar Ramakrishnan	3 Years	4 Years	ISO 27001 Lead Auditor(ISMS LA),IBM QRadar
3	ShanmugaPriya	2 Years	2 Years	CEH
4	Selvamchristober	3 Years	3 Years	CEH
5	Mohamed saqib	2 Years	2 Years	CEH
6	Bala Kumar	3 Years	8 Years	OSCP,OSCE,CREST CRT, OSWP
7	KarthikeyanMurugesan	1 Year	8 Years	CEH,CISSP
8	MeenakshiSundaram	7 Months	1 Years	CEH

8. Specify Largest Project handled in terms of scope (in terms of volume, complexity, locations etc.) along with project value.

**Peneto Labs signs a non-disclosure agreement with its customers. Hence we are in no position to share this information. Kindly contact us in this regard for customer feedback/reference or contract requirements.**

9. List of Information Security Audit Tools used ( commercial/ freeware/proprietary):



Tool Name	Description/Notes	URL
nmap	Network port scanner capable of detecting open TCP and UDP ports exposed by a system.	<a href="https://nmap.org/">https://nmap.org/</a>
Kali Linux	Linux distribution providing hacking tools.	<a href="http://www.kali.org">www.kali.org</a>
Tenable Nessus	Automated network vulnerability scanner for the fast detection of security issues.	<a href="https://www.tenable.com/products/nessus-vulnerability-scanner">https://www.tenable.com/products/nessus-vulnerability-scanner</a>
Burp Suite Professional	Testing suite adopted for detecting issues affecting web application and web services.	<a href="https://portswigger.net/burp/">https://portswigger.net/burp/</a>
Micro Focus Fortify	Fortify for code review projects	<a href="https://www.microfocus.com/">https://www.microfocus.com/</a>
Other Tools	<p>Achilles, Hydra, OWASP, Mantra</p> <p>IronWASP, Paros Proxy</p> <p>, John the Ripper, Pwdump, Cain and Able, Maltego, w3af, Metasploit Community Edition</p> <p>Webinspect, Dsniff, MobSFWebScarab</p> <p>Firewalk, NetCat, Whisker</p> <p>Hping, Wikto</p> <p>HTTPPrint, Nikto, Wireshark</p> <p>HTTrack</p>	Available in Kali Linux
Private Tools	Private tools, internally developed, that are used to bypass some of the common security controls, and that will aid in achieving the objectives set for the engagement.	N/A

10. Outsourcing of Project to External Information Security Auditors / Experts : No  
( If yes, kindly provide oversight arrangement (MoU, contract etc.))

11. Whether organization has any Foreign Tie-Ups? If yes, give details : No

12. Whether organization is a subsidiary of any foreign based organization? : No  
If yes, give details

13. Locations of Overseas Headquarters/Offices, if any : No

\*Information as provided by **Peneto Labs Pvt Ltd** on **August 2021**

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**Snapshot of skills and competence of CERT-In empanelled  
Information Security Auditing Organisation**

**M/s Security Spoc LLP**

1. Name & location of the empanelled Information Security Auditing Organization :

**Security Spoc LLP, Level 18 Tower A,  
Building No. 5 DLF Cyber City Phase III, Gurgaon, Haryana, 122002 India**

2. Carrying out Information Security Audits since : **2020**

3. Capability to audit , category wise (add more if required)

• Network security audit	:	Yes
• Web-application security audit	:	Yes
• Wireless security audit	:	Yes
• Compliance audits (ISO 27001,RBI, PCI, etc.)	:	Yes
• OT & IoT Security Assessment	:	Yes
• Mobile Application Security Testing	:	Yes
• Payment Gateway audit	:	Yes
• Privacy Impact Assessment	:	Yes
• Secure SDLC Review	:	Yes
• Source Code Review	:	Yes
• Cloud Security Assessment	:	Yes
• Data Centre and Physical Security Assessment	:	Yes
• Open Source Threat Intelligence	:	Yes
• Information Security Audit	:	Yes
• Cyber Security Audit	:	Yes

4. Information Security Audits carried out in last 12 Months :

Govt.	:	<b>0</b>
PSU	:	<b>1</b>
Private	:	15
Total Nos. of Information Security Audits done	:	<b>16</b>

5. Number of audits in last 12 months , category-wise **(Organization can add categories based on project handled by them)**

Network security audit	:	<b>8</b>
Web-application security audit	:	<b>6</b>
Mobile-application security audit	:	<b>4</b>
Wireless security audit	:	<b>2</b>
Compliance audits (ISO 27001, IEC 62443, IEC 27019, PCI, etc.)	:	<b>2</b>
Finance Sector Audits (Swift,ATMs, API, Payment Gateway etc.)	:	<b>2</b>
ICS/OT Audits	:	<b>NA</b>
Cloud security Audits	:	<b>2</b>

6. Technical manpower deployed for informationsecurity audits :

CISSPs : **NA**  
 BS7799 / ISO27001 LAs : **3**  
 CISAs : **1**  
 DISAs / ISAs : **NA**  
 CISM: **1**  
 CEH: **6**  
 ECIH: **1**  
 Crest CPSA: **1**  
 OT Security: **2**  
 Any other information security qualification: *ECSA, OSCP, AWS Security, Azure, Crest CPSA*  
 Total Nos. of Technical Personnel: **12**

7. Details of technical manpower deployed for information security audits in Government and Critical sector organizations (attach Annexure if required)

S. No.	Name of Employee	Duration with Security Spoc LLP	Experience in Information Security	Qualifications related to Information security
1	Shivani Mehta	1.6 Years	3 Years	ISO 27001 LI
2	Ishvaku Shukla	1.2 Year	3 Years	CEH
3	Sumit Sharma	1.7 Year	8.9 Years	CISM, OSCP, ISO 27001
4	Meshach Marimuthu	1 Year	6 Years	CEH, CREST CPSA, ECSA
5	Sarfuddin	1.3 Year	2 Years	CEH
6	Dhruv Gupta	0.7 Year	8.5 Years	ISO 27001, CEH, ECIH
7	Sachin Chauhan	0.2	5 Years	CEH

8. Specify Largest Project handled in terms of scope (in terms of volume, complexity, locations etc.) along with project value.

AWS Cloud Security Assessment for online Storage Provider:

Number of Hosts Configurations	<ul style="list-style-type: none"> <li>• 18 Servers</li> <li>• 1 Firewall</li> <li>• 4 VPCs</li> <li>• 2 Bastion/Jump Host</li> <li>• 1 VPN Server</li> </ul>
Cloud Services Audited	<ul style="list-style-type: none"> <li>• EC2</li> <li>• S3 Bucket</li> <li>• Key Management Solution</li> <li>• Active Directory</li> <li>• AWS Single Sign-On</li> <li>• O365 and Email Security</li> <li>• NACLs and Security Groups</li> <li>• AWS Cognito</li> <li>• Identity and Access Management</li> </ul>
Cloud Architecture Review	<ul style="list-style-type: none"> <li>• Current Architecture of Organization was audited for Security lapses</li> </ul>

9. List of Information Security Audit Tools used ( commercial/ freeware/proprietary):

- **Commercial Tools:**Nessus, Burp Suite
- **Freeware Tools:**Kali Linux, MobSF, Wireshark, Nipper, Powershell Empire, Virus Total, Drozer, Frida & Objection, Inspeckage, APKtools, Shodan, Nmap, Metasploit, Nikto, ZAP, Responder, ImpacketSearchsploit, Maltego, LFIsuite, SQLMAP and etc.
- **Proprietary Tools:**AutoPentest, ProminentX

10. Outsourcing of Project to External Information Security Auditors / Experts : No  
( If yes, kindly provide oversight arrangement (MoU, contract etc.))

11. Whether organization has any Foreign Tie-Ups? If yes, give details : No

12. Whether organization is a subsidiary of any foreign based organization? : No  
If yes, give details

13. Locations of Overseas Headquarters/Offices, if any : No

\*Information as provided by Security Spoc LLP on 17-Aug-2021

**Snapshot of skills and competence of CERT-In empanelled  
Information Security Auditing Organisation**

**M/s Software Technology Parks Of India**

1. Name & location of the empanelled Information Security Auditing Organization :

**Software Technology Parks Of India,  
1st Floor, Plate B, Office Block-1,  
East Kidwai Nagar, New Delhi-110023  
Website URL: <http://www.stpi.in>  
Ph:+91-11-24628081  
Fax:+91-11-20815076**

2. Carrying out Information Security Audits since : **January 2013**

3. Capability to audit , category wise (add more if required):

Network security audit (Y/N)	Yes
Web-application security audit (Y/N)	Yes
Wireless security audit (Y/N)	Yes
Compliance audits (ISO 27001, PCI, etc.) (Y/N)	ISO 27001-Yes
Web-server security audit (Y/N)	Yes
Source Code Reviews (Y/N)	Yes
IT Application / ERP Audits (Y/N)	Yes
IT Security & Infrastructure Audits (Y/N)	Yes
Vulnerability Assessments & Pen Testing (Mobile/WebApps) (Y/N)	Yes
Mobile Security Audit (Y/N)	Yes

The following are in detailed list of different security services provided by STPI.

<b>IT Audit &amp; Compliance Services</b>	<b>Assessment Services</b>
<ul style="list-style-type: none"> <li>OWASP compliance Security audit of web applications and web services</li> <li>Infrastructure audit in compliance to Center for Internet Security (CIS), National Institute of Standards and Technology (NIST), ISMS etc.</li> <li>OWASP compliance security audit of mobile applications</li> </ul>	<ul style="list-style-type: none"> <li>Web Apps Security Assessment &amp; Vulnerability Assessment</li> <li>Penetration Testing</li> <li>Perimeter Security Testing</li> <li>System hardening</li> <li>Wireless Network Assessment</li> <li>Host configuration review (Window, Linux, Cisco, Juniper...)</li> <li>Network Product (Routers, Switches, Firewall etc.)Security Audit</li> <li>Malware Analysis</li> <li>Policy Gap Analysis</li> </ul>

4. Information Security Audits carried out in last 12 Months:

Govt. : 4  
PSU : 0  
Private : 3  
Total Nos. of Information Security Audits done : 7

5. Number of audits in last 12 months , category-wise **(Organization can add categories based on project handled by them)**

Network security audit	:	2
Web-application security audit	:	3
Desktop Configuration Audit	:	1
Network Product Security Audit	:	1

6. Technical manpower deployed for information security audits :

CISSPs	:	0
BS7799 / ISO27001 LAs	:	31
CISAs	:	0
DISAs / ISAs	:	0
Any other information security qualification	:	Refer Below Table
Total Nos. of Technical Personnel	:	40+

7. Details of technical manpower deployed for information security audits in Government and Critical sector organizations (attach Annexure if required)

S.No.	Name of Employee	Associated with STPI Since	Experience in Information Security	Qualifications related to Information security
1	Ms. Kavitha C	April 2000	21+	<ul style="list-style-type: none"> <li>ISMS –LA</li> <li>ISMS-CISP</li> <li>Certified Network Security Manager</li> </ul>
2	Mr. Jaya Prakash	May,2001	20+	<ul style="list-style-type: none"> <li>ISMS –LA</li> <li>ISMS-CISP</li> <li>Certified Network Security Manager</li> </ul>
3	Mr. N S Siddaiah	January, 2000	21+	<ul style="list-style-type: none"> <li>ISMS Auditor/ Lead Auditor,</li> <li>ISO/IEC 27001 Certified ISMS Professional (STQC-CISP),</li> <li>Certified Network Security Manager (CNSM)</li> <li>Certified ISO 20000-1:2018 Awareness &amp; Implementation</li> </ul>
4	Ms.Komala.C.N	September,2005	16+	<ul style="list-style-type: none"> <li>Trained on Network Security and VAPT by Internet Society of India Bangalore Chapter</li> <li>Certified Software Team Lead Program</li> <li>Trained on the following <ul style="list-style-type: none"> <li>IMS-ISO 27001 (ISMS) Implementation.</li> <li>IMS-ISO 27001 (ISMS) Internal Auditor.</li> <li>Integrated Management System Implementation ISO 9001:2008, ISO 27001:2005, ISO 20000:2011</li> </ul> </li> </ul>
5	Mr.Jogender Singh	September,2006	15+	<ul style="list-style-type: none"> <li>ISMS –LA</li> <li>ISMS-CISP</li> <li>Certified Network Security Manager</li> <li>CEH</li> <li>CCNA Security</li> <li>Participation Certificate for <ul style="list-style-type: none"> <li>SANOG 26 – Security/DNSSEC Workshop.</li> <li>Network Security VAPT Workshop – CSI Bangalore Chapter 2014.</li> <li>IPv6 Deployment Workshop by APNIC 2011</li> <li>SANOG 30 – Network security workshop 2017</li> </ul> </li> </ul>

				<ul style="list-style-type: none"> <li>○ Network Security Workshop by INNOG – 2018.</li> <li>○ CDAC- Vulnerability Assessment and Prevention Training 2021.</li> </ul>
6	Mr. Dipak Kumar	August,2008	12+	<ul style="list-style-type: none"> <li>• ISMS –LA</li> <li>• ISMS-CISP</li> <li>• Certified Network Security Manager</li> </ul>
7	Mr.Sudhakar.T	September,2005	16+	<ul style="list-style-type: none"> <li>• ISMS –LA</li> <li>• ISMS-CISP</li> <li>• Certified Network Security Manager.</li> </ul>
8	Mr.Jimnesh P	July,2006	15+	<ul style="list-style-type: none"> <li>• ISMS –LA</li> <li>• ISMS-CISP</li> <li>• Certified Network Security Manager.</li> <li>• MCP</li> <li>• LAN Implementation and Administration from NITC-IBM ACE Centre</li> </ul>
9	Mr.Jayateerth R Joshi	November,2007	14+	<ul style="list-style-type: none"> <li>• CCNA</li> <li>• Participation Certificate for the following. <ul style="list-style-type: none"> <li>○ Red Hat Enterprise Virtualization.</li> <li>○ IPV6 Deployment workshop.</li> </ul> </li> </ul>
10	Mr.Suresh Kumar J	March,2008	13+	<ul style="list-style-type: none"> <li>• Participation Certificate for the following. <ul style="list-style-type: none"> <li>○ Red Hat Enterprise Virtualization.</li> <li>○ IPV6 Deployment workshop.</li> <li>○ BigData and Cyber Security</li> <li>○ Domain Name System (DNS) Security</li> </ul> </li> </ul>
11	Mr. Achyut Dutta	December,2005	20+	<ul style="list-style-type: none"> <li>• ISMS –LA</li> <li>• ISMS-CISP</li> <li>• Certified Network Security Manager.</li> </ul>
12	Mr. Ajay S Bhosle	October,2000	21+	<ul style="list-style-type: none"> <li>• ISMS –LA</li> <li>• ISMS-CISP</li> <li>• Certified Network Security Manager</li> </ul>
13	Mr. Ashish	May, 1998	23+	<ul style="list-style-type: none"> <li>• ISMS –LA</li> <li>• ISMS-CISP</li> <li>• Certified Network Security Manager</li> </ul>
14	Mr.Umanath.G.B	October, 2006	18+	<ul style="list-style-type: none"> <li>• ISMS –LA</li> <li>• ISMS-CISP</li> <li>• Certified Network Security Manager</li> </ul>
15	Mr. G Senthil	August,2006	15+	<ul style="list-style-type: none"> <li>• ISMS-CISP</li> <li>• Certified Network Security Manager</li> </ul>
16	Mr. Jitendra Kumar	March,2001	21+	<ul style="list-style-type: none"> <li>• ISMS –LA</li> <li>• ISMS-CISP</li> <li>• Certified Network Security Manager</li> </ul>
17	Mr. K Kuppuraj	July,2000	21+	<ul style="list-style-type: none"> <li>• ISMS –LA</li> <li>• ISMS-CISP</li> <li>• Certified Network Security Manager</li> </ul>
18	Mr. KalidindiVenkata Chandra Varma	December,2005	16+	<ul style="list-style-type: none"> <li>• ISMS-CISP</li> <li>• Certified Network Security Manager</li> </ul>
19	Mr. M Madhan	September,2005	19+	<ul style="list-style-type: none"> <li>• ISMS –LA</li> <li>• ISMS-CISP</li> <li>• Certified Network Security Manager</li> </ul>
20	Mr.Mahesh M	May, 2001	20+	<ul style="list-style-type: none"> <li>• ISMS –LA</li> <li>• ISMS-CISP</li> <li>• Certified Network Security Manager</li> </ul>
21	Mr. Maneesh Kumar	July,2008	13+	<ul style="list-style-type: none"> <li>• ISMS –LA</li> <li>• ISMS-CISP</li> <li>• Certified Network Security Manager</li> </ul>
22	Mr. MayankShrivastava	April,2006	17+	<ul style="list-style-type: none"> <li>• ISMS –LA</li> <li>• ISMS-CISP</li> <li>• Certified Network Security Manager</li> </ul>
23	Mr. Nikhil Kumar Rai	October,2008	17+	<ul style="list-style-type: none"> <li>• ISMS –LA</li> <li>• ISMS-CISP</li> <li>• Certified Network Security Manager</li> </ul>
24	Mr. Nitin Kumar Rai	May,2011	10+	<ul style="list-style-type: none"> <li>• ISMS-CISP</li> </ul>

				<ul style="list-style-type: none"> <li>• Certified Network Security Manager</li> </ul>
25	Mr.Pramodsa.MM	November,2011	10+	<ul style="list-style-type: none"> <li>• ISMS –LA</li> <li>• ISMS-CISP</li> <li>• Certified Network Security Manager</li> </ul>
26	Mr. Prafull D Patinge	August,2008	13+	<ul style="list-style-type: none"> <li>• ISMS –LA</li> <li>• ISMS-CISP</li> <li>• Certified Network Security Manager</li> </ul>
27	Mr. Praveen Kumar Dwivedi	August,2008	12+	<ul style="list-style-type: none"> <li>• ISMS –LA</li> <li>• ISMS-CISP</li> <li>• Certified Network Security Manager</li> </ul>
28	Mr. R Pattabiraman	November,2005	16+	<ul style="list-style-type: none"> <li>• ISMS –LA</li> <li>• ISMS-CISP</li> <li>• Certified Network Security Manager</li> </ul>
29	Mr. Rahul Singh	March,2011	12+	<ul style="list-style-type: none"> <li>• ISMS –LA</li> <li>• ISMS-CISP</li> <li>• Certified Network Security Manager</li> </ul>
30	Mr. Rajeeva Kumar	September,2006	15+	<ul style="list-style-type: none"> <li>• ISMS-CISP</li> <li>• Certified Network Security Manager</li> </ul>
31	Mr. Rajesh Behl	April,1998	25+	<ul style="list-style-type: none"> <li>• ISMS –LA</li> <li>• ISMS-CISP</li> <li>• Certified Network Security Manager</li> </ul>
32	Mr. Rajib Kr. Das	September,2005	15+	<ul style="list-style-type: none"> <li>• ISMS-CISP</li> <li>• Certified Network Security Manager</li> </ul>
33	Mr. Rakesh Dubey	October,2008	21+	<ul style="list-style-type: none"> <li>• ISMS –LA</li> <li>• ISMS-CISP</li> <li>• Certified Network Security Manager</li> </ul>
34	Mr. Rakesh Kumar Verma	September,2006	15+	<ul style="list-style-type: none"> <li>• ISMS –LA</li> <li>• ISMS-CISP</li> <li>• Certified Network Security Manager</li> </ul>
35	Mr. Ramesh Yerukula	November,2006	19+	<ul style="list-style-type: none"> <li>• ISMS –LA</li> <li>• ISMS-CISP</li> <li>• Certified Network Security Manager</li> </ul>
36	Mr. S Govindarajan	February,1999	22+	<ul style="list-style-type: none"> <li>• ISMS-CISP</li> <li>• Certified Network Security Manager</li> </ul>
37	Mr. SachinVishwanathPurnale	November,2006	18+	<ul style="list-style-type: none"> <li>• ISMS –LA</li> <li>• ISMS-CISP</li> <li>• Certified Network Security Manager</li> </ul>
38	Ms. Sangeeta Hemrajani	October,2006	14+	<ul style="list-style-type: none"> <li>• ISMS –LA</li> <li>• ISMS-CISP</li> <li>• Certified Network Security Manager</li> </ul>
39	Mr. SoumyaRanjanMohanty	December,2008	15+	<ul style="list-style-type: none"> <li>• ISMS –LA</li> <li>• ISMS-CISP</li> <li>• Certified Network Security Manager</li> </ul>
40	Mr. Tapas RanjanBarik	July,2005	16+	<ul style="list-style-type: none"> <li>• ISMS-CISP</li> <li>• Certified Network Security Manager</li> </ul>
41	Mr. V Ganapathieswaran	May,2008	20+	<ul style="list-style-type: none"> <li>• ISMS-CISP</li> <li>• Certified Network Security Manager</li> </ul>
42	Mr. V Viswa Sai	July,2006	16+	<ul style="list-style-type: none"> <li>• ISMS –LA</li> <li>• ISMS-CISP</li> <li>• Certified Network Security Manager</li> </ul>
43	Mr. Veerabhadra	September,2005	16+	<ul style="list-style-type: none"> <li>• ISMS-CISP</li> <li>• Certified Network Security Manager</li> </ul>
44	Mr. VIRENDRA SINGH	March, 1998	23	<ul style="list-style-type: none"> <li>• ISMS-CISP</li> <li>• Certified Network Security Manager</li> </ul>

8. Specify Largest Project handled in terms of scope (in terms of volume, complexity, locations etc.) along with project value.

**Network Infrastructure Audit:** Network Infrastructure Security Audit and Assessment was carried out for M/s All India Council for Technical Education (AICTE), New Delhi which includes the following.

- **Server Audit /OS Audit:** More than 120 Servers/Desktops.
- **Network Audit:** w.r.t Switch, Router, Firewall, UTM/IDS/IPS/WAF/LLB/SAN, and ADC etc.

- **Configuration & Policy Audit:** User Management Policy, Offline, Backup policy, Network Policy documentation audit etc.
- **Client Audit:** Anti-Virus, Desktop (i.e. Service Packs and Security Updates,, Auditing and Account Policies, Security settings, Available services, File system and permissions, Administrative templates, Network configuration, Windows components and Standard Software check etc.), Group Policy etc.

**Web Application Security Audit:** Web application Security Testing against OWASP Top 10 standards was carried out for the following Customers.

- Central Institute of Temperate Horticulture (CITH)
- Office of the Accountant General (A & E) Karnataka.
- Bangalore Metro Rail Corporation Ltd(BMRCL), Bengaluru

**Desktop Configuration Audit:** Desktop configuration audit for M/s Technacle IT Services Pvt. Ltd, Bengaluru which are hosted on AWS cloud.

**Network Product Security Audit:** Security audit along with malware analysis has been carried out for Metro Ethernet Ring (MER) Switch of the customer M/s. Tejas Networks, Bengaluru.

9. List of Information Security Audit Tools used ( commercial/ freeware/proprietary):

Freeware	Commercial
1. Zaproxy 2. Nmap 3. Nikto 4. Sqlmap 5. Kali Linux 6. Sslscan 7. Arachni 8. Dirbuster 9. Fimap 10. Cain and Abel 11. Hydra 12. Httprint 13. Wapiti 14. Curl 15. Airmon-ng 16. Greenbone Security Manager(GSM) 17. Openvas 18. Nipper 19. Lynis 20. MBSA 21. Vega 22. Paros 23. John the Ripper 24. Shcheck 25. nmapAutomator, etc.	• Burpsuite Professional • Acunetix • HCL AppScan

10. Outsourcing of Project to External Information Security Auditors / Experts : NA(If yes, kindly provide oversight arrangement (MoU, contract etc.))

11. Whether organization has any Foreign Tie-Ups? If yes, give details : NA

12. Whether organization is a subsidiary of any foreign based organization? :NA  
If yes, give details

13. Locations of Overseas Headquarters/Offices, if any :No

Lead centre for all other STPI centers and Security Audit Certificate Issuance Centre
Software Technology Parks of India (STPI) No.76 & 77, 6th Floor, Cyber Park, Electronic City, Hosur Road, Bengaluru - 560100 Karnataka

STPI Jurisdictional Directors Registered Offices Locations in India with complete address



<b>Name of Jurisdiction</b>	<b>Address for Communication</b>	<b>Contact Number</b>
Noida	Ganga Shopping Complex, Sector-29, Noida - 201303 Uttar Pradesh	91-120-2470502, 2470403
Bengaluru	No.76 & 77, 6th Floor, Cyber Park, Electronic City, Hosur Road, Bengaluru - 560100 Karnataka	080-66186000-6007 91-80-28521161 (Fax)
Hyderabad	6Q3, 6th Floor, Cyber Towers, Hitech City, Madhapur, Hyderabad - 500081Telengana	91-40-23100502
Pune	Plot No.P-1, Rajiv Gandhi Infotech Park, MIDC, Hinjawadi, Pune - 411057 Maharashtra	91-20-22981000
Guwahati	Near L.G.B.I Airport, Borjhar, Guwahati - 781015 Assam	91-361-2841269, 2841374
Bhubaneswar	STPI ELITE Building, IDCO Plot No.2/A, Industrial Area, Gothapatna, Post-Malipada, District-Khurda, Bhubaneswar-751003	0674-2623000
Chennai	No. 5, III Floor, Rajiv Gandhi Salai, Taramani, Chennai - 600113 Tamilnadu	91-44-39103525
Gandhinagar	9 <sup>th</sup> floor, GIFT One Tower, Block-5C, Zone-5, GIFT City, Gandhinagar-382355 (Gujrat)	91-79-66748531, 66748532
Thiruvananthapuram	C-21, Thejaswini Building, Technopark Campus, Karyavttom, Thiruvananthapuram - 695581 Kerala	91-471-2700707

\*Information as provided by Software Technology Parks of India on 28.07.2021

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**Snapshot of skills and competence of CERT-In empanelled  
Information Security Auditing Organisation**

**M/s Sumeru Software Solutions Private Limited**

1. Name & location of the empanelled Information Security Auditing Organization :

**M/s Sumeru Software Solutions Private Limited**

1st Floor "Samvit",  
Near The Art of Living International Center,  
21st KM Kanakapura Main Road,  
Udayapura, Bangalore – 560082  
Karnataka, India

2. Carrying out Information Security Audits since : January 2002

3. Capability to audit , category wise (add more if required)

- Network security audit- Y
- Web-application security audit- Y
- Wireless security audit- Y
- Secure Code Review- Y
- Mobile Application Security Audit- Y
- Cloud Security Assessment- Y
- Configuration Reviews- Y
- Red Team Assessment- Y
- Compliance audits (ISO 27001, ISO 9001, ISO 22301, GDPR, PIMS, RBI Audit, NHB, NBFC Audits etc. )- Y

4. Information Security Audits carried out in last 12 Months:

Govt. : **15**  
PSU : **29**  
Private : **140**  
Total Nos. of Information Security Audits done : **184**

5. Number of audits in last 12 months , category-wise (**Organization can add categories based on project handled by them**)

Network security audit: **82**  
Web-application security audit: **52**  
Source Code Review- **26**  
Cloud Security Assessment: **20**  
Compliance audits (ISO 27001, PCI, etc.): **8**

6. Technical manpower deployed for information security audits :

CISSPs : **1**  
BS7799 / ISO27001 LAs : **1**  
CISAs : **1**  
DISAs / ISAs : **NA**  
CEH- **2**  
OSCP- **1**  
GPEN-**1**  
GREM-**1**  
GMOB-**1**  
CIPR-**1**  
Total Nos. of Technical Personnel : **16**

7. Details of technical manpower deployed for information security audits in Government and Critical sector organizations (attach Annexure if required)

S. No.	Name of Employee	Duration with Sumeru Software Solutions	Experience in Information Security	Qualifications related to Information security
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1	Sandeep Erat	18.3 Years	18.3 Years	CISA, CRISC
2	Rajeev	16.3 Years	16.3 Years	ISO 27001 LA
3	Shashank Dixit	13 Years	13 Years	OSCP, CISSP
4	Sengoda Krishna Kumar	13 Years	13 Years	GPEN, GREM, GMOB, eCPPT, eWPT
5	Ajan Kancharla	5.3 Years	8.4 Years	ISO 27001 LI, BS 10012 LI, HP ArcSight Administration, CIPR, CEH, PIMS GDPR
6	Siva T	5.10 Years	9.2 Years	-
7	Snehan	3 Years	3 Years	-
8	Dhwani R. Girwalkar	3 Years	3 Years	CEH
9	Madhavan M	2.4 Years	2.4 Years	-
10	Kavinkumar R	2 Years	2 Years	-
11	Prasath R	2 Years	2 Years	-
12	Muthuselvan B	2.4 years	2.4 Years	-
13	Amritha S	2 Years	2 Years	-
14	Nandakumaran	2.4 Years	2.4 Years	-
15	Thilakesh M	2.4 Years	2.4 Years	-
16	Swetha	2.4 Years	2.4 Years	-

8. Specify Largest Project handled in terms of scope (in terms of volume, complexity, locations etc.) along with project value.

Sumeru Software Solutions Private Limited is providing Cyber Security services for the last 20+ years for various clients including large public sector organizations, and State government departments in India. As part of our services we perform end to end design implementation, review and operations services across various aspects of Cyber security.

Project Value (s): Confidential

Project Details

S. No	Project	Scope of Work	Location
1	Private Sector bank	Web Application Assessment Mobile Application Assessment, Secure Code Review, Network Assessment and ISMS implementation.	Bangalore
2	Fintech Company	Web Application Assessment Mobile Application Assessment, Secure Code Review, Network Assessment and ISMS implementation.	Hyderabad
3	Nonbank Financial Companies (NBFCs)	Red Team Assessment, VAPT Threat Hunting	Mumbai

9. List of Information Security Audit Tools used ( commercial/ freeware/proprietary):

Freeware	Commercial
<ul style="list-style-type: none"> <li>Nmap</li> <li>Nikto</li> <li>Ncat</li> <li>Metasploit</li> <li>Sqlmap</li> <li>Kali Linux</li> <li>Dirbuster</li> <li>Wireshark</li> <li>John the Ripper</li> <li>Visualcodegrepper</li> <li>Bandit</li> <li>Apktool</li> </ul>	<ul style="list-style-type: none"> <li>Nessus</li> <li>Burpsuite</li> </ul>

Freeware	Commercial
<ul style="list-style-type: none"> <li>dex2jar</li> </ul>	

10. Outsourcing of Project to External Information Security Auditors / Experts : No  
( If yes, kindly provide oversight arrangement (MoU, contract etc.))

11. Whether organization has any Foreign Tie-Ups? If yes, give details : No

12. Whether organization is a subsidiary of any foreign based organization? : No  
If yes, give details

13. Locations of Overseas Headquarters/Offices, if any: Yes

Subsidiary Company Address:  
**Sumeru Solutions Inc.**  
4000 Legato Road Suite 1100  
Fairfax, VA 22033 US

\* Information as provided by Sumeru Software Solutions Private Limited on 30/05/2022

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**Snapshot of skills and competence of CERT-In empanelled  
Information Security Auditing Organisation**

**M/s AURISEG CONSULTING PRIVATE LIMITED**

1. Name & location of the empaneled Information Security Auditing Organization :

**AURISEG CONSULTING PRIVATE LIMITED**

**Registered Office Address : No 81, Maveeran Duraiswamy Street, Poonga Nagar,  
Thiruvallur 602001, Tamilnadu**

**Postal Address : A4 Tower, Door No 8A, Olympia Grande, GST Road, Pallavaram,  
Chennai 600043**

2. Carrying out Information Security Audits since : **<2014>**

3. Capability to audit , category wise (add more if required)

• Network security audit	Yes
• Web-application security audit	Yes
• Wireless security audit	Yes
• Compliance audits (ISO 27001, IEC 62443, IEC 27019, PCI, etc.)	Yes
• Finance Sector Audits (Swift,ATMs, API, Payment Gateway etc.)	Yes
• ICS/OT Audits	Yes
• Cloud security Audits	Yes
• Social Engineering Assessment / Phishing Simulation :	Yes
• Red Teaming :	Yes
• Mobile and API Security Audit ;	Yes
• Forensics/Incident response/Compromise Assessment :	Yes

4. Information Security Audits carried out in last 12 Months :

Govt.	:	<b>Nil</b>
PSU	:	<b>4</b>
Private	:	<b>30</b>
Total Nos. of Information Security Audits done	:	<b>34</b>

5. Number of audits in last 12 months , category-wise **(Organization can add categories based on project handled by them)**

Network security audit	: <b>10+</b>
Web-application security audit	: <b>25+</b>
Wireless security audit	: <b>2+</b>
Compliance audits (ISO 27001, IEC 62443, IEC 27019, PCI, etc.)	: <b>4+</b>
Finance Sector Audits (Swift,ATMs, API, Payment Gateway etc.)	: <b>5+</b>
ICS/OT Audits	: <b>2+</b>
Cloud security Audits	: <b>8+</b>
Secure Source Code Review	: <b>10+</b>

6. Technical manpower deployed for information security audits :

CISSPs	: <b>2</b>
BS7799 / ISO27001 LAs	: <b>2</b>
CISAs	: <b>2</b>
DISAs / ISAs : <b>&lt;number of&gt;</b>	
Any other information security qualification: <b>CEH, PenTest+, CISC and CISM,CREST-CPSA,OSCP and ECSA.</b>	
Total Nos. of Technical Personnel	: <b>15+</b>

7. Details of technical manpower deployed for information security audits in Government and Critical sector organizations (attach Annexure if required)

S. No.	Name of Employee	Duration with <organization>	Experience in Information Security	Qualifications related to Information security
1	Srinivasan M.S	6.5 Years	15 Years	CISSP,CISA,CISM, OSCP, CREST-CPSA and CDPSE
2	Giri V.V	2 Years	15 Years	CISSP,CISM,OSCP & ISO 27001 LA
3	Sudhakar Rajendran	3.5 Years	4 Years	CEH
4	Jeyarajan	5 Years	12 Years	MCSE
5	Umashankar	2 Years	7 years	CEH
6	Prasanna Gurumurthi	01 Years	12 Years	AWS Security Certified – Specialty
7	CIBI Soorya	01 Years	02 Years	CEH
8	Stephan	01 Year	01 Years	
9	Gurpreet kaur	01 Year	01 Year	CISC
10	Swetha lakshmi	06 months	01 Year	CEH
11	Sunil Modhave	6 Months	20+ Year	CISA,ISO 27001 Lead Auditor
12	Hari Boopathi	2 Years	4 Years	CEH

8. Specify Largest Project handled in terms of scope (in terms of volume, complexity, locations etc.) along with project value. It is covered following various activities

1. ISO 27001: 2013 Implementation
2. External Penetration Testing
3. Web Application Security Testing
4. Source Code Review
5. Security Configuration Review
6. Deep Web /Dark Web Scanning
7. Red Teaming Exercise
8. SDLC Process and Procedure
9. Incident Management Table -Top Exercise
10. Threat Hunting/Incident Response/ Compromise Assessment
11. Network Devices Configuration Review / Architecture Review

Project	Assessment	Value
Life Sciences group	Vulnerability Assessment and Penetration Testing	Project Value <40 lakhs
Automotive Group	Application Security Audit	
IT Industry	Application Security Audit	
Embedded Systems Industry	Internal Vulnerability Assessment and Penetration Testing	
<b>Financial Services</b>	OS hardening and Policy Compliance check	

9. List of Information Security Audit Tools used ( commercial/ freeware/proprietary):

S. No	Tools List	Commercial/Open Source/Freeware
1	Burp Suite	Commercial Version
2	Tenable Nessus Professional	Commercial Version
3	Kali Linux	Open Source
4	MobSF	Open Source
5	FRIDA	Open Source
6	Objection	Open Source
7	OWASP ZAP	Open Source

<b>8</b>	Wireshark	Open Source
<b>9</b>	Cain & Able	Open Source
<b>10</b>	SQL Map	Open Source
<b>11</b>	Prowler – AWS Security Audit tool	Open Source
<b>12</b>	Metasploit	Open Source
<b>13</b>	Vooki DAST	Open Source
<b>14</b>	Exploit DB	
<b>15</b>	Customized Scripts	
<b>16</b>	Nikto	Open Source

10. Outsourcing of Project to External Information Security Auditors / Experts : No  
( If yes, kindly provide oversight arrangement (MoU, contract etc.))

11. Whether organization has any Foreign Tie-Ups? If yes, give details : No

12. Whether organization is a subsidiary of any foreign based organization? : No  
If yes, give details

13. Locations of Overseas Headquarters/Offices, if any : No

\*Information as provided by <**AuriSEG Consulting Private Limited on 24/07/2021.**

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**Snapshot of skills and competence of CERT-In empanelled  
Information Security Auditing Organisation**

**M/s Nangia & Co LLP**

1. Name & location of the empanelled Information Security Auditing Organization :

**Nangia & Co LLP,**  
**A-109, Sector 136, Noida 201301, India.**

2. Carrying out Information Security Audits since : **2017**

3. Capability to audit , category wise (add more if required)

- Network security audit (Y/N) : **Yes**
- Web-application security audit (Y/N) : **Yes**
- Wireless security audit (Y/N) : **Yes**
- Compliance audits (ISO 27001, IEC 62443, IEC 27019, PCI, etc.) (Y/N) : **Yes**
- Finance Sector Audits (Swift,ATMs, API, Payment Gateway etc.) (Y/N) : **Yes**
- ICS/OT Audits (Y/N) : **Yes**
- Cloud security Audits (Y/N) : **Yes**

4. Information Security Audits carried out in last 12 Months :

Govt. : **2+**  
PSU : **3**  
Private : **25+**  
Total Nos. of Information Security Audits done : **35+**

5. Number of audits in last 12 months , category-wise (***Organization can add categories based on project handled by them***)

Network security audit : **5+**  
Web-application security audit : **5+**  
Wireless security audit : **2+**  
Compliance audits (ISO 27001, IEC 62443, IEC 27019, PCI, etc.) : **8+**  
Finance Sector Audits (Swift,ATMs, API, Payment Gateway etc.) : **2+**  
ICS/OT Audits : **2**  
Cloud security Audits : **2**

6. Technical manpower deployed for informationsecurity audits :

CISSPs : **1**  
BS7799 / ISO27001 LAs : **5**  
CISAs : **8**  
DISAs / ISAs : **2**  
Any other information security qualification : **10**  
Total Nos. of Technical Personnel : **16**

7. Details of technical manpower deployed for information security audits in Government and Critical sector organizations (attach Annexure if required)

S. No.	Name of Employee	Duration with <b>&lt;organization&gt;</b>	Experience in Information Security	Qualifications related to Information security
1	Shrikrishna Dikshit	1.10 Years	18 years	CISA, CISM, CDPSE, CBCP, CEH, BS7799 LA
2	Pushpendra Bharambe	1.9 Years	16 Years	ISO 27001 LA
3	Asif Balasinor	1.10 Years	9 Years	CISSP, OSCP, CEH, AWS Certified Solutions Architect - Associate
4	Aditya Thontakudi	1.8 Years	6 Years	CISA
5	Karan Pandya	1.8 Years	6 Years	CISA
6	Sahil Khan	1.7 Years	2 Years	CEH
7	Nitin Bhojankar	1.10 Years	6 years	CISM, CCNA, CCNP,



				ISO 27001 LA,
8	Rachit Shukla	0.2 Years	10 Years	CISM, ISO 27001 LA

8. Specify Largest Project handled in terms of scope (in terms of volume, complexity, locations etc.) along with project value.

- Systems Audit for a leading company & it's subsidiaries in India rendering guaranteed clearing and settlement functions concerning transactions in G-Secs, money, derivative markets, and foreign exchange.

Project Value < INR 15 Lakhs

- Business Continuity & Disaster Recovery Review for a leading Media & Entertainment company in India

Project Value < INR 10 Lakhs

- Application Security Assessment, Vulnerability Assessment & Penetration Testing for a leading Media & Entertainment company in India

Project Value < INR 10 Lakhs

9. List of Information Security Audit Tools used ( commercial/ freeware/proprietary):

**Commercial Tools:**

- Nessus
- Acunetix
- Burp-Suite
- Netsparker

**The above list of tools is indicative.**

**Freeware Tools:**

- Xprobe
- Dnssecwalker
- Tcpdump/tcpshow
- Dsniff
- Ettercap
- Ethereal
- Fping/ Hping
- Queso
- Nmap
- SuperScan
- Netwag
- Firewalk
- Q-Tip
- SQLMap

- Jack the Ripper
- NGS SQLCrack
- HydraCain and Abel
- Metasploit

**The above list of tools is indicative.**

10. Outsourcing of Project to External Information Security Auditors / Experts : Yes/No  
( If yes, kindly provide oversight arrangement (MoU, contract etc.)) **NO**

11. Whether organization has any Foreign Tie-Ups? If yes, give details : Yes/No **NO**

12. Whether organization is a subsidiary of any foreign based organization? : Yes/ No **NO**

If yes, give details

13. Locations of Overseas Headquarters/Offices, if any : Yes/No **NOT APPLICABLE**

\*Information as provided by **Nangia & Co LLP** on **26<sup>th</sup> July 2021**

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**Snapshot of skills and competence of CERT-In empanelled  
Information Security Auditing Organisation**

**M/s Panacea InfoSec Pvt. Ltd.**

1. Name & location of the empanelled Information Security Auditing Organization:

**Panacea InfoSec Pvt. Ltd.,  
226, Pocket A2, Sector 17, Dwarka, New Delhi - 110075**

2. Carrying out Information Security Audits since : **2012**

3. Capability to audit, category wise (add more if required)

AEPS security audit	:	YES
API Security audit	:	YES
Application and Network Security architecture audit	:	YES
Black Box PT	:	YES
Finance Sector Audits (Swift, ATMs, API, Payment Gateway etc.)	:	YES
Cloud Security Architecture audit	:	YES
Cloud security Audits	:	YES
ICS/OT Audits	:	YES
Scada Security Testing	:	YES
Compliance audits (ISO 27001, IEC 62443, IEC 27019, PCI, etc.)	:	YES
Cyber Forensics	:	YES
Docker VAPT	:	YES
HIPAA audit	:	YES
Information Security Policy Formulation & Assessment	:	YES
Kiosks system security testing and audit	:	YES
Microservices security testing	:	YES
Mobile Application Security Audit	:	YES
Network security audit	:	YES
Payment Switch security testing and audit	:	YES
POS application security testing and audit	:	YES
POS Device Security testing and audit	:	YES
RBIPSS audit	:	YES
Red Team Test	:	YES
Secure Code Review	:	YES
Segmentation PT	:	YES
Server/Device Configuration Review	:	YES
Server/Device Hardening Review	:	YES
Thick Client Application security testing & audit	:	YES
Web-application security audit	:	YES
Wireless security audit	:	YES
SIEM/SOC Implementation	:	YES

4. Information Security Audits carried out in last 12 Months:

Govt.	:	<b>12</b>
PSU	:	<b>5</b>
Private	:	<b>400+</b>
Total Nos. of Information Security Audits done	:	<b>3000+</b>

5. Number of audits in last 12 months, category-wise **(Organization can add categories based on project handled by them)**

AEPS security audit	: 15+
API Security audit	: 105+
Application and Network Security architecture audit	: 5+
Black Box PT	: 20+
Finance Sector Audits (Swift, ATMs, API, Payment Gateway etc.)	: 25+
Cloud Security Architecture audit	: 7+
Cloud security Audits	: 36+
ICS/OT Audits	: 3+
Scada Security Testing	: 2+
Compliance audits (ISO 27001, IEC 62443, IEC 27019, PCI, etc.)	: 340+
Cyber Forensics	: 2+
Docker VAPT	: 140+
HIPAA Audit	: 9+
Information Security Policy Formulation & Assessment	: 125+
Kiosks system security testing and audit	: 16+
Microservices security testing	: 25+
Mobile Application Security Audit	: 215+
Network security audit	: 800+
Payment Switch security testing and audit	: 18+
POS Device & Application Security Testing	: 30+
RBIPSS audit	: 20+
Red Team Test	: 6+
Secure Code Review	: 170+
Security Architecture	: 6+
Segmentation PT	: 350+
Server/Device Configuration Review	: 650+
Server/Device Hardening Review	: 550+
Thick Client Application security testing & audit	: 145+
Web-application security audit	: 460+
Wireless security audit	: 21+
SIEM/SOC Implementation	: 15+

6. Technical manpower deployed for information security audits:

CISSPs	: <b>1</b>
BS7799 / ISO27001 LAs	: <b>9</b>
CISAs/CISM	: <b>4</b>
DISAs / ISAs	: <b>0</b>
CEH/OSCP/ECSA/CCNA	: <b>20</b>
Any other information security qualification	: <b>25</b>
Total Nos. of Technical Personnel	: <b>65+</b>

7. Details of technical manpower deployed for information security audits in Government and Critical sector organizations (attach Annexure if required)

Below are some of resources details.

S. NO.	List of Employees	Duration with Panacea	Experience in Information Security	Qualifications related to Information security
1	Ajay Kaushik	9 Years	17+ years	CISSP, PCI QSA, PCI 3DS, PCI ASV, CISM (2010-2016)
2	Jitender Khanna	7+ Years	17+ years	PCI QSA, ISO 27001-LA
3	Chandani Mishra	4+ Years	10+ years	B.Tech, MSCLIS, CEH, OSCP, PCI ASV

4	Himanshu Mishra	3+ Years	10+ years	B.Tech, MSCLIS, PCI QSA, PCI QPA, ISO 27001-LA, ISO 27001-LI
5	Akshay Ahuja	5+ year	5+ years	PCI QSA, PCI QPA, PCI SSLCA, SWIFT CSCF, ISO 27001 LA & LI
6	Manmohan Swarup	5+ year	9+ years	B.Tech, MSCLIS, AWS Security Specialist, Certified In defend (DLP), Juniper Network Security SPIRING
7	Sammy Njeru	4+ Years	12+ years	CISM, CISA, CCNA, CCNA(S), PCI QSA
8	Syed Faiyaz Hussain	4 years	16+ years	PCI QSA, LA 27K:2013, LA 25999, MCSE+I, MCA, M.Sc. in computer science
9	Vipul Arya	3+ Years	8+ years	LA-ISO27001
10	Ankita Singh	3+ Years	3+ Years	B.Tech, M.Tech, eWPTX, ECSA
11	Bikash K Rouniyar	3+ Years	3+ Years	B.Tech, OSCP, CEH
12	Devendra Bhatla	3+ Years	3+ Years	B.Tech, OSCP, CEH
13	Jatin Kumar	3+ Years	7+ years	B.Tech, CEH, PGDA in Wireless, CompTIA CySA+
14	Kriti Vaid	3+ Years	3+ years	B.Tech
15	Kailash D Agrawal	4+ Years	4+ years	B.Tech, MSCLIS, PCI QSA
16	Nehanshu S Chauhan	5+ year	5+ years	PCI QSA, ISO 27001 LI
17	Prabhat Hudda	1.5 Years	1.5 Years	B.Tech, CEH, Pentest+
18	Sanat Kumar Dwivedi	4+ Years	4+ years	B.Tech, PCI QSA
19	Raghvendra Shukla	3+ Years	3+ years	B.Tech
20	Parikhhit Prasad	1 Year	5+ Years	B.Tech, MSCLIS, CEH OCA ,OCP
21	Rajat Shirish	1 Year	3 Years	B.Tech, ISO 27001 LA
22	Shubham Vashisht	3+ Years	3+ Years	B.Tech, eCPTX, ECSA

8. Specify Largest Project handled in terms of scope (in terms of volume, complexity, locations etc.) along with project value.

- One of overseas Leading Public/Private-Sector Banks** - PCIDSS Compliance, Managed Services (Quarterly, Annual), Secure Code Review, Application Security Assessment
- One of Largest BPO (Global)** - PCIDSS Compliance, Managed Services (Quarterly, Annual)
- One of India's Leading Aviation Companies** - PCIDSS Compliance, Application Security Assessment, Infrastructure Security Assessment
- One of India's Leading FMCG Companies** - PCIDSS Compliance, Application Security Assessment, Infrastructure Security Assessment, Consulting for ISO 27001 Implementation
- One of Leading Telecom Service Provider** - PCIDSS Compliance, Application Security Assessment, Infrastructure Security Assessment, Consulting for ISO 27001 Implementation
- One of India's Leading Payment-Switch Companies** - PCIDSS Compliance, RBIPSS Audit, Application Security Assessment, Infrastructure Security Assessment
- One of India's Leading Public/Private-Sector Banks** - PCIDSS Compliance, RBIPSS Audit, Managed Services (Quarterly, Annual), SIEM Service, Secure Code Review, Application Security Assessment, Consulting for ISO 27001 Implementation
- One of India's Leading e-commerce platform** - PCIDSS Compliance, Managed Services (Quarterly, Annual), SIEM Service, Secure Code Review, Application Security Assessment

Project Value: Confidential

Maximum Count handled under Single project:

No. of Systems (Server, Desktops, Network Devices) Scanned: 87,000

No. of Applications: 80

9. List of Information Security Audit Tools used (commercial/ freeware/proprietary):

Tool	License Type	Purpose
------	--------------	---------

Burp Suite Pro	Licensed	Application Security Testing
Nessus 5 Pro	Licensed	Vulnerability Assessment
Qualys Guard	Licensed	Network and Application VA
Qualys Container Security	Licensed	Container/Docker Vulnerability Assessment
Rapid7 Insight VM	Licensed	Vulnerability Assessment
AppUse 4.3	Open source	Mobile Application Pen Test
MobSF	Open source	Mobile Application Pen Test
Echo Mirage	Open source	Network Proxy
Kali Linux Rolling Edition	Open Source	VAPT
Nipper	Open Source	Network Configuration File
Nmap	Freeware	Port Scanner
SoapUI	Freeware	Web Services
Helix3	Freeware	Computer Forensics
Oxygen Forensic Suit	Commercial	Mobile forensic
ProDiscover Forensic	Commercial	Computer Forensics
Rapid 7 Metasploit	Community	N/W and Application Pen Test

10. Outsourcing of Project to External Information Security Auditors / Experts: No

(If yes, kindly provide oversight arrangement (MoU, contract etc.))

11. Whether organization has any Foreign Tie-Ups? If yes, give details: Yes

**Multiple Partners in multiple countries. We can only share information if Cert-IN assures that this would not be published publicly.**

12. Whether organization is a subsidiary of any foreign based organization? No  
If yes, give details

13. Locations of Overseas Headquarters/Offices, if any: Yes

**Panacea InfoSec Kenya Limited  
PO.BOX 10608 00400 NBI,  
Nation Center Kimathi ST,  
Nairobi, Kenya**

\*Information as provided by **Panacea InfoSec Pvt. Ltd.** on **01-September-2021.**

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**Snapshot of skills and competence of CERT-In empanelled  
Information Security Auditing Organisation**

**M/s Varutra Consulting Private Limited**

1. Name & location of the empanelled Information Security Auditing Organization :

**Varutra Consulting Private Limited  
II floor, West Wing, Marigold Premises, Marisoft III,  
Kalyaninagar Pune 411014, Maharashtra, India**

2. Carrying out Information Security Audits since : **2012**

3. Capability to audit , category wise (add more if required)

- Network Vulnerability Assessment and Penetration Testing -(Y/N) : **Yes**
- Network and Application Security Architecture Review-(Y/N) : **Yes**
- Red Team Assessment-(Y/N) : **Yes**
- Deep and Dark Web Assessment- (Y/N) : **Yes**
- Wireless Penetration Testing -(Y/N) : **Yes**
- AWS, Firewall, Network Devices and Server Configuration Audit- (Y/N) : **Yes**
- Application (Web + Mobile) Security Assessment and Penetration Testing-(Y/N) : **Yes**
- Application (Web + Mobile) Source Code Review-(Y/N) : **Yes**
- Application Threat Modeling-(Y/N) : **Yes**
- API Penetration Testing- (Y/N) : **Yes**
- Secure Development Lifecycle Consultancy -(Y/N) : **Yes**
- Cloud Security Testing(Application & Network, Cloud platforms  
-AWS, Oracle, Google, Azure) -(Y/N) : **Yes**
- Software Product Reverse Engineering-(Y/N) : **Yes**
- IoT Security Testing -(Y/N) : **Yes**
- Social Engineering and Phishing Diagnostic-(Y/N) : **Yes**
- Process Consulting (ISO 27001, , Virtual CISO) -(Y/N) : **Yes**
- RBI SAR, Regulatory audit as per guidelines by RBI, IRDA, SEBI, UIDAI etc Audits : **Yes**
- Virtual CISO Consulting (Y/N) : **Yes**
- Compliance Audits( SOC 1 & SOC 2 Audits, PCI-DSS Audits, IT Security Audits) : **Yes**
- Managed Security and SOC Services, C-SOC - (Y/N) : **Yes**

4. Information Security Audits carried out in last 12 Months :

Govt.	:	<b>&lt;number of&gt; 20+</b>
PSU	:	<b>&lt;number of&gt; NA</b>
Private	:	<b>&lt;number of&gt; 460+</b>
Total Nos. of Information Security Audits done	:	<b>480+</b>

5. Number of audits in last 12 months , category-wise (**Organization can add categories based on project handled by them**)

Network security audit	:	<b>107+</b>
Web-application security audit	:	<b>210+</b>
Source Code Review	:	<b>20+</b>
Network Devices/Firewall Secure Configuration Audit	:	<b>40+</b>
Mobile Application Penetration Testing	:	<b>40+</b>
API PenTesting	:	<b>20+</b>
Compliance audits (ISO 27001, RBI SAR Audits, etc.)	:	<b>7+</b>
Other(Server Technical Audits, Application & Network Security Architecture Review, Secure SSDLC Consulting)	:	<b>20+</b>
Red Team Assessment	:	<b>2</b>
Skill Staff Augmentation	:	<b>6+</b>

6. Technical manpower deployed for information security audits :

CISSPs	:	<b>0</b>
BS7799 / ISO27001 LAs	:	<b>6</b>

CISAs	:	<b>3</b>
DISAs / ISAs	:	<b>NA</b>
Any other information security qualification	:	<b>20+</b>
Total Nos. of Technical Personnel	:	<b>45+</b>

7. Details of technical manpower deployed for information security audits in Government and Critical sector organizations (attach Annexure if required)

S. No.	Name of Employee	Duration with <b>Varutra</b>	Experience in Information Security	Qualifications related to Information security
1	Consultant 1	7 years	7 years	Masters in IT, Certified Ethical Hacker, ISO 27001 – Lead Auditor
2	Consultant 2	1.9 years	2 .9 years	ISO 27001 – Lead Auditor
3	Consultant 3	1 years	5 years	CEH, ISO 27001, NSE 1, NSE 2, AWS security fundamentals and CNSS,CISA
4	Consultant 4	3.9 years	3.9 years	BE (Computer Science), Certified Ethical Hacker
5	Consultant 5	3.4 years	3.4 years	CEH v9, AWS Security Fundamentals
6	Consultant 6	1.6 years	1.6 years	BE (Computer Science), Certified Ethical Hacker
7	Consultant 7	1.9 years	2.9 years	CEH
8	Consultant 8	3 years	1.3 years	BSc Computer Science) CISC, CPH, CPFA
9	Consultant 9	7 months	8.5 years	BE, CEH
10	Consultant 10	1 year	5.4 years	CEH and Security+ Certifications

8. Specify Largest Project handled in terms of scope (in terms of volume, complexity, locations etc.) along with project value.

1. **Application and Network Security Testing:** Conducted Security Assessment for 17+ applications and 560+ IP addresses for one of the leading global provider of software engineering and IT consulting services headquartered United States.

Complexity: The complexity was high for testing the large number of applications and IP addresses having various types of platforms, services, application hosted in the infrastructure of the client globally. Discovered several High to Low severity vulnerabilities along with the detailed reports.

Cost: Confidential

Category: Private

2. **Application and Network Security Testing:** Activity involved Network Penetration Testing for 270 IP addresses, Application Penetration Testing for 28+ applications, IPS and IDS diagnostic review, conducting DOS attack for Multinational Corporation that provides business consulting, information technology and outsourcing services globally. Reported several High to Low severity vulnerabilities along with the detailed reports.

Complexity: The complexity was high for testing the large number of applications and IP addresses having various types of platforms, services, application hosted in the infrastructure of the client globally. Discovered several High to Low severity vulnerabilities along with the detailed reports.

Cost: Confidential

Category: Private

3. **External Network Penetration Testing:** Conducted External Network Pentest on the Cloud and on premise devices, servers for one of the leading software company. Complexity: Scope of IP address addresses 500+, found High to Low severity vulnerabilities and provided guidance to client to get the remediation done in time. Cost: Confidential Category: Private



4. **Managed ISMS Consulting:** Performing ISMS Consulting, management, improvisation and for one of the largest manufacturer organization in India for all locations, plants & offices across India and assist client in being secure and compliant to CIA triad.

Complexity: Scope of work for all plants, locations and vast infrastructure in scope.  
Duration of project 1 year.

Cost: Confidential

Category: Private

9. List of Information Security Audit Tools used ( commercial/ freeware/proprietary):

Commercial Tools

**Vulnerability Assessment & Penetration Testing – Rapid 7 Nexpose, Nessus Professional, Firesec etc.**

**Application Security Assessment - Burpsuite, Acunetix WVS etc.**

Freeware Tools

**Vulnerability Assessment & Penetration Testing – Nessus, Nmap, OpenVAS, MBSA, Nipper, KaliLinux, AirCrack, Helix (Forensics) etc.**

**Application Security Assessment – W3af, Nikto, BurpSuite, FireBug, SQLMap, N-Stalker, WebScarab, Powerfuzzer, AppSpider, IBM Appscan, HP WebInspect etc.**

Proprietary Tools

**MASTS - Mobile Application Security Testing Suite:** Security Testing Suite for android mobile applications.

**MVD - Mobile Vulnerability Database,** provides mobile operating system level vulnerabilities for Android, iOS, Blackberry and Windows platforms.

10. Outsourcing of Project to External Information Security Auditors / Experts : **No**  
( If yes, kindly provide oversight arrangement (MoU, contract etc.))

11. Whether organization has any Foreign Tie-Ups? If yes, give details : **Yes**

We have partnered with various international security solutions which we are reselling:

1. HP Fortify
2. IBM Qradar
3. Burp Suite
4. Rapid7

12. Whether organization is a subsidiary of any foreign based organization? : **Yes**  
If yes, give details

Varutra Consulting P. L. is a part of Infoshare Systems Inc, since October 2018. Varutra operates the business as single entity as Private Limited company and is a subsidiary entity of Infoshare Systems Inc.

13. Locations of Overseas Headquarters/Offices, if any : **Yes**

1. California:- Head Office- Infoshare Systems Inc, 26040 Acero, Suite 111, Mission Viejo, CA, USA – 92691 Contact Number: (714) 606 0005
2. Branch Office in US : - 9505 East 59th Street Suite # B, Indianapolis In 46216, Telephone : 317-986-4928

\*Information as provided **by Varutra Consulting Private Limited** on **26-07-2021**

**Snapshot of skills and competence of CERT-In empanelled  
Information Security Auditing Organisation**

**M/s Information Security Management Office (ISMO)**

1. Name & location of the empanelled Information Security Auditing Organization:

**Information Security Management Office (ISMO),  
Department of Information Technology Electronics & Communication, Haryana,  
SCO No. 109-110, First Floor, Sector-17-B, Chandigarh – 160017  
<https://haryanaismo.gov.in>, email: [support.desk@haryanaismo.gov.in](mailto:support.desk@haryanaismo.gov.in)**

2. Carrying out Information Security Audits since : **2014**

3. Capability to audit, category wise (add more if required)

• Network security audit (Y/N)	:	<b>Yes</b>
• Web-application security audit (Y/N)	:	<b>Yes</b>
• Wireless security audit (Y/N)	:	<b>Yes</b>
• Compliance audits (ISO 27001, PCI, etc.) (Y/N)	:	<b>Yes</b>
• Penetration Testing	:	<b>Yes</b>
• Vulnerability Assessment	:	<b>Yes</b>
• Information security policy review and assessment against best security practices	:	<b>Yes</b>

4. Information Security Audits carried out in last 12 Months :

Govt.	:	<b>72</b>
(Application under Security Audit at present	:	<b>34+</b>
PSU	:	<b>5</b>
Private	:	<b>0</b>
Total Nos. of Information Security Audits done	:	<b>77</b>

5. Number of audits in last 12 months, category-wise (**Organization can add categories based on project handled by them**)

Network security audit	:	<b>0</b>
Web-application security audit	:	<b>77</b>
Wireless security audit	:	<b>0</b>
Compliance audits (ISO 27001, PCI, etc.)	:	<b>0</b>

6. Technical manpower deployed for information security audits :

CISSPs	:	<b>0</b>
BS7799 / ISO27001 LAs	:	<b>3</b>
CISAs	:	<b>0</b>
DISAs / ISAs	:	<b>0</b>
Any other information security qualification (CEH)	:	<b>06</b>
Total Nos. of Technical Personnel	:	<b>7</b>

7. Details of technical manpower deployed for information security audits in Government and Critical sector organizations (attach Annexure if required)

S. No.	Name of Employee	Duration with ISMO (DITECH)	Experience in Information Security	Qualifications related to Information security
1	Amit Kumar Beniwal	7 years 3 months	7 years 3 months (17+ years of total IT experience)	ISO 27001 (ISMS) LA, CHFI, CEH v10, STQC (CISP), MCITP, MCTS, Cyber Law
2	Pardeep Singh	7 years	7 years (12+ years of total IT	ISO 27001 (ISMS) LA, CEH v10, STQC (CISP), CCNA,

			experience)	CCNA (Security), MCP
3	Vinay Kinger	2 years	2 years (8+ years of total IT experience)	CEH v10, RHCSA, B.Tech
4	Parveen Kumar	2 years	2 years (7+ years of total IT experience)	CEH v10, B.Tech
5	Amit Kumar Chawla	2 years	2 years (7+ years of total IT experience)	CEH v10, Fortinet NSE 1 & 2, JNCIA, B.Tech
6	Sudipta Choudhury	2 years	2 years10 months (22 + years of total IT experience)	B.E. (Electronics), PGDM (IIM Bangalore), PMP, ITIL V3, CEH v10,
7	Sanjay Singh Kuntal	9 months	6 years3 months (12 + years of total IT experience)	ISO 27001 (ISMS) LA, Six Sigma White Belt Certification, CCNA, B.E. (Electronics&Communication), Fortinet NSE 1 & 2

8. Specify Largest Project handled in terms of scope (in terms of volume, complexity, locations etc.) along with project value.

**Information Security Audit of Hospital Management Information System (HMIS) called 'e-Upchaar' of State Health System Resource Centre, Health Department Haryana.**

Number of User Roles : **58**  
Number of Modules : **24**  
Application Pages : **4216**  
Complexity : **Medium**  
Location : **Panchkula, Haryana**  
Project Value : **Not Available**

9. List of Information Security Audit Tools used (commercial/ freeware/proprietary):

**Commercial Tools:**

- Burp Suite Professional
- Netsparker Consultant Edition
- Nessus Professional
- Core Impact

**Freeware/Open Source Tool:**

- Nikto
- OWASP ZAP
- DIRB
- Wireshark
- Metasploit
- Toolsavailable with Kali Linux
- NMAP
- Sqlmap
- Nipper-ng
- Test SSL
- Aircrack-ng

10. Outsourcing of Project to External Information Security Auditors / Experts : **No** (If yes, kindly provide oversight arrangement (MoU, contract etc.))
11. Whether organization has any Foreign Tie-Ups? : **No**  
If yes, give details
12. Whether organization is a subsidiary of any foreign based organization? : **No** If yes, give details
13. Locations of Overseas Headquarters/Offices, if any : **No**

Note: Information provided by **Information Security Management Office (ISMO), DITECH** as on **27 July 2021.**

**Snapshot of skills and competence of CERT-In empanelled  
Information Security Auditing Organisation**

**M/s Risk Quotient Consultancy Private Limited**

1. Name & location of the empanelled Information Security Auditing Organization ::

**Risk Quotient Consultancy Private Limited,  
Unit 9, Building No:2, Sector 3, Plot No: 1,  
Millennium Business Park, Mahape, Navi Mumbai, 400701**

2. Carrying out Information Security Audits since : **2012**

3. Capability to audit , category wise (add more if required)

- Network security audit (Y/N) - **Y**
- Web-application security audit (Y/N) - **Y**
- Wireless security audit (Y/N) - **Y**
- Compliance audits (ISO 27001, IEC 62443, IEC 27019, PCI, etc.) (Y/N) - **Y**
- Finance Sector Audits (Swift,ATMs, API, Payment Gateway etc.) (Y/N) **Y**
- ICS/OT Audits (Y/N) **Y**
- Cloud security Audits (Y/N) **Y**

4. Information Security Audits carried out in last 12 Months :

Govt. : **0**  
 PSU : **0**  
 Private : **16**  
 Total Nos. of Information Security Audits done : approx. : **100+**

5. Number of audits in last 12 months , category-wise **(Organization can add categories based on project handled by them)**

Network security audit: **2**  
 Web-application security audit: **7**  
 Wireless security audit: **2**  
 Compliance audits (ISO 27001, IEC 62443, IEC 27019, PCI, etc.): **24**  
 Finance Sector Audits (Swift,ATMs, API, Payment Gateway etc.): **1**  
 ICS/OT Audits: **0**  
 Cloud security Audits: **4**

6. Technical manpower deployed for informationsecurity audits :

CISSPs : **2**  
 BS7799 / ISO27001 LAs : **8**  
 CISAs : **3**  
 DISAs / ISAs : **0**  
 Any other information security qualification:**CEH, CISM, CSOC, CCSK, ISO 22301**  
 Total Nos. of Technical Personnel : **15**

7. Details of technical manpower deployed for information security audits in Government and Critical sector organizations (attach Annexure if required)

S. No.	Name of Employee	Duration with <organization>	Experience in Information Security	Qualifications related to Information security
1	Chaitanya Kunthe	10 years	16 Years	CISSP,CISA,(CBCP), Diploma in Cyber Laws, Digital Evidence Analyst, ISO 27001 - 2013 LA,ISO 22301 LA
2	Deepanjali Chaitanya Kunthe	6 Years	10 Years	ISO 27001:2013 LA Certified,ISO 22301 LA Certified
3	Trupti Desai	8 Years	13 Years	ISO 27001 LA,ISO

				22301 LA,BCP/DR, PCIDSS
4	Jerin Jose	5 years	5 years	CEHv8,ISO 27001 LA, ISO 22301 LA, CCSK
5	Atique Ur Rahman Shaikh	3 Years	4 Years	CEHv9,ISO 27001:2013 LA, Trained on Red Hat
6	Shoba Govindarajan	2 months	16 Years	ISO 27001:2013 LA, ISO 22301 LA , CISA, CISSP
7	Nandini Srivastava	6 months	6 Months	ISO 27001:2013 LA, Master of Cyber Law and Information Security
8	Shweta Kumari	6 months	2 Years	Master in Cyber Law and Information Security
9	Shakti Mohanty	1 Year	30 Years	CISA,CISM,PMP
10	Apoorv Dubey	2 Years	7 Years	ISO 27001:2013 LA
11	Srikanth Appala	1 year	1 year	BSc. – Forensic Science, CEH

8. Specify Largest Project handled in terms of scope (in terms of volume, complexity, locations etc.) along with project value.

Large Capital Market broker – Ensuring that information security, cyber security and business continuity controls are implemented, monitored and maintained for 7 locations across India. Managing the audit calendar and auditing of 700+ IT general controls through the year.  
Project value – INR 60 Lakhs

9. List of Information Security Audit Tools used ( commercial/ freeware/proprietary):

**Technical assessment tools-**

Nessus, Burp suite, Kali Linux, Proprietary scripts, SonarQube, Fortify etc.

**Audit and assessment tools -**

Raven (proprietary audit tool), 4Phish (proprietary ethical phishing tool developed internally), 4CEE (proprietary risk management tool), 4Sure (proprietary risk scoring tool for cyber insurance companies)

10. Outsourcing of Project to External Information Security Auditors / Experts : **Yes - Contract**

( If yes, kindly provide oversight arrangement (MoU, contract etc.)) – The contracts are agreed upon on per project basis as and when required

11. Whether organization has any Foreign Tie-Ups? If yes, give details : **No**

12. Whether organization is a subsidiary of any foreign based organization? : **Yes**  
If yes, give details - Risk Quotient Private Ltd, 205 Balestier Road, 02-06, The Mezzo, Singapore 329682

13. Locations of Overseas Headquarters/Offices, if any : **Yes**

Risk Quotient Private Ltd, 205 Balestier Road, 02-06, The Mezzo, Singapore 32968

\*Information as provided by Risk Quotient Consultancy Private Limited on 27 July 2021.

**Snapshot of skills and competence of CERT-In empanelled  
Information Security Auditing Organisation**

**M/s CyberSRC® Consultancy LLP**

1. Name & location of the empanelled Information Security Auditing Organization :

**CyberSRC® Consultancy LLP,  
Address: Unit 605, 6<sup>th</sup> floor, World Trade Tower Sector 16, Noida, Uttar Pradesh-  
201301 .  
Contact Person: Vikram Taneja, CEO and Managing Director  
Email id: Vikram@cybersrcc.com**

2. Carrying out Information Security Audits since : **2018 onwards**

3. Capability to audit , category wise (add more if required)

• Network security audit	-	<b>Yes</b>
• Web-application security audit	-	<b>Yes</b>
• Wireless security audit	-	<b>Yes</b>
• Cloud Security Audit	-	Yes
• Mobile Application Security Audit	-	Yes
• Compliance audits (ISO 27001, IEC 27019 PCI, etc.)	-	<b>Yes</b>
• System & IT Audits	-	Yes
• SOX & ITGC Testing	-	Yes
• Data Protection Audit (GDPR and others)	-	Yes
• Data Localization Audit	-	Yes
• Social Engineering Test	-	Yes
• Secure Code Review	-	Yes
• Data Center Security Audit & Assessment	-	Yes
• External Threat Intelligence	-	Yes
• Database Security Audit & Assessment	-	Yes
• Risk Assessments	-	Yes
• SCADA VAPT	-	Yes
• IOT Security Testing	-	Yes
• Honeypot Security As Service	-	Yes

4. Information Security Audits carried out in last 12 Months :

Govt.	:	0
PSU	:	<b>0</b>
Private	:	<b>100+</b>
Total Nos. of Information Security Audits done	:	<b>100+</b>

5. Number of audits in last 12 months , category-wise (**Organization can add categories based on project handled by them**)

Network security audit	:	<b>25+</b>
Web-application security audit	:	<b>20+</b>
Wireless security audit	:	<b>1</b>
Compliance audits (ISO 27001, PCI, GDPR, ISO 27701, HIPPA etc.)	:	<b>25+</b>
<b>Cloud Security Audit</b>	:	<b>5+</b>
<b>Mobile Application Security</b>	:	<b>20+</b>
<b>SOX &amp; ITGC Testing</b>	:	<b>5+</b>
<b>System Audits</b>	:	<b>5+</b>
<b>External Threat Intelligence</b>	:	<b>1</b>

6. Technical manpower deployed for information security audits:

BS7799 / ISO27001 LAs	:	<b>4</b>
CISAs	:	<b>1</b>
CEH/ CCNA/App Security/CNSS	:	<b>6</b>
Python Scripting & Tool development	:	<b>1</b>
Cloud Security	:	<b>1</b>
Total Nos. of Technical Personnel	:	<b>13</b>

7. Details of technical manpower deployed for information security audits in Government and Critical sector organizations (attach Annexure if required)

S. No.	Name of Employee	Duration with CybeSRC	Experience in Information Security	Qualifications related to Information security
1	Vikram Taneja	3.7 Years	11.7 Years	CISA, CEH, CIPM, COBIT, ISO 27001 LA, ISO 27701 Implementer, certified GDPR practitioner, ITIL V3(f) certified, 6 Sigma (Green belt) certified.  Trained on GRC Platform RSA Archer.
2	Anshul Ghildiyal	1.7 yrs	2.5+ yrs	ISO270001 LA, B.tech LLB (Specialization Cyber Law)  Trained in AWS Security Fundamentals and Compliances
3	Barun Agarwal	1.2 yrs	2.0+ yrs	ISO270001 LA, CEH, B.tech LLB (Specialization Cyber Law),  Trained in AWS Security Fundamentals and Compliances, Fortinet's NSE 1 & NSE 2 Network Security Associate
4	Rishabh Bhowmick	8+ Months	3.0 +yrs	CEH V10, B.tech Computer Science, ICSI Network Security Specialist API academy security architect  Trained in AWS Security Fundamentals and Compliances, Fortinet's NSE 1 & NSE 2 Network Security Associate,
5	Abhimanyu Agrawal	1+ Years	1+Years	ISO270001 LA, CEH B.Tech,LLB (Specialization Cyber Law)
6	Suyash Bajpai	1+Year	1.5+ Years	CEH V10, BCA, Fortinet's NSE 1 & NSE 2 Network Security Associate

8. Specify Largest Project handled in terms of scope (in terms of volume, complexity, locations etc.) along with project value.

We have supported and provided our services to clients with complex environment upto size of 20,000 employees company and, in various sectors including BFSI, Insurance, Healthcare, Digital Payment companies, Fintech, SAAS companies, Manufacturing and other business sectors.

Sno.	Client Description	Project Description	Project Value
1)	One of the largest rural Fintech company in India (listed	Complex System Audit against stringent cyber & information security requirements from RBI for Pre	INR 6,50,000/-

	company)	Payment Instrument and Bharat Bill Payment System and, GST-GSP Application Audit. The scope of work spanned to multiple locations, departments and complex IT environment including cloud and hybrid servers, e-wallet and payment applications.	
2)	Company located in 50+ countries in domains of CRM and sales automation.	<ul style="list-style-type: none"> <li>- Complex VAPT Testing environment for the following scope of work in multiple geographical locations:               <ol style="list-style-type: none"> <li>1) Servers – 25+</li> <li>2) Laptops/Desktops- 500+</li> <li>3) Applications- 4+ (including ERP System)</li> <li>4) Network devices – Firewalls/Switches/Routers – 15</li> </ol> </li> <li>- ISO 9001 consultancy and support for multiple location.</li> </ul>	Non disclosure
3)	South-East Asia's largest cloud telephony company	<p>The following was scope of project:</p> <ul style="list-style-type: none"> <li>- VAPT &amp; Security Assessment of IT Infrastructure and applications               <ol style="list-style-type: none"> <li>1) Web and Mobile Applications – 3</li> <li>2) Cloud Security Assessment (servers)- 100</li> <li>3) Server Hardening check- 100+</li> </ol> </li> <li>- General Data Protection Act (GDPR) consultancy and implementation support for 600+ employees spanned in multiple geographical locations.</li> <li>- ISO 27001 Consultancy and advisory services with certification support for multiple year support deal</li> </ul>	Non disclosure
4)	One of the US listed company in domain On-Demand software solutions & E-commerce services based company with multiple offices in India.	<p>The scope of work included RCM/control design and revamp, management testing of Application &amp; IT General controls for Test of design and effectiveness, supporting SOX compliances &amp; audit with scope included in the testing is as following:</p> <ul style="list-style-type: none"> <li>- Applications – 19</li> <li>- Servers – 100+</li> <li>- Controls- 54</li> <li>- Test cases (Work papers) – 700+</li> </ul>	Non disclosure
5)	One of largest Automobile Components manufacturing company in India (listed company)	<p>Grey and Black box testing of the complex IT environment &amp; production site with scope of work included:</p> <ul style="list-style-type: none"> <li>- VAPT &amp; Security Assessment of IT Infrastructure and applications               <ol style="list-style-type: none"> <li>1) Server- 25+</li> </ol> </li> </ul>	Non disclosure



		2) Web Applications- 10+ 3) Firewalls- 40+	
6)	International organization with SAAS based products	The overall contract period is 3 years with the following scope of work:  1) Applications (Grey box testing) – 8 Applications (annually) 2) Servers – 50+ (annually) 3) Mobile Application (IOS & Android) – multiple applications	INR 12,00,000

9. List of Information Security Audit Tools used ( commercial/ freeware/proprietary):

Freeware/Open Source tools	Commercial tools	Proprietary tool
<p><b>Web:</b> Nikto, dirbuster, dirsearch, OWASP ZAP, firefox browser extensions, SQLMAP, burp suite extensions, Shodan, Archini, Wfuzz, Wafw00f and many GitHub scripts like HTTPProbe and lazy s3</p> <p><b>Mobile:</b> Mobsf, Drozer, Android Debug Bridge, apktool, cyndia, Frida and objection</p> <p><b>Network:</b> Nmap, Wireshark, Metasploit, OpenVAS and nessus</p> <p><b>Cloud :</b> AWS- Scoutsuite, PACU Azure - scoutsuite, azurcar, powerzure</p> <p>And other tools as per client environment</p>	<p><b>Web:</b> Burpsuite professional and others,</p> <p><b>Network:</b> Nessus</p> <p>And other tools as per client environment.</p>	<p>Threat Intelligence tool (Cybersrc-TI®)</p> <p>Vulnerability management system tool (Cybersrc-VMS®)</p> <p>Python based Scripts developed for auditing purposes.</p>

10. Outsourcing of Project to External Information Security Auditors / Experts: **No** ( If yes, kindly provide oversight arrangement (MoU, contract etc.))

11. Whether organization has any Foreign Tie-Ups? If yes, give details : **Yes**

We have Foreign- Virtual Office for correspondence of international customers, address: London(UK)- Kemp House 152-160 City Road, London EC1V 2NXice

We have tie up with foreign company for Phishing Simulation Services for our customers, Knowbe4.inc **KnowBe4 USA** 33 N Garden Ave, Ste 1200 Clearwater, Florida 33755

12. Whether organization is a subsidiary of any foreign based organization? : **No**  
If yes, give details

13. Locations of Overseas Headquarters/Offices, if any :

Yes

Address: London(UK)- Kemp House 152-160 City Road, London EC1V 2NXice

(This is correspondence office -virtual office)

\*Information as provided by **CyberSRC® Consultancy LLP, 26July 2021**

**Back**

**Snapshot of skills and competence of CERT-In empanelled  
Information Security Auditing Organisation**

**M/s CYRAAC Services Private Limited**

1. Name & location of the empanelled Information Security Auditing Organization:

**CYRAAC Services Private Limited**

2. Carrying out Information Security Audits since : **2017**

3. Capability to audit, category wise (add more if required)

- Network security audit (Y/N) - **Y**
- Web-application security audit (Y/N) - **Y**
- Wireless security audit (Y/N) - **Y**
- Compliance audits (ISO 27001, IEC 62443, IEC 27019, PCI, etc.) (Y/N) - **Y**
- Finance Sector Audits (Swift, ATMs, API, Payment Gateway etc.) (Y/N) - **Y**
- ICS/OT Audits (Y/N) - **Y**
- Cloud security Audits (Y/N) - **Y**

4. Information Security Audits carried out in last 12 Months:

Govt.	:	<b>6</b>
PSU	:	<b>2</b>
Private	:	<b>151</b>
Total Nos. of Information Security Audits done	:	<b>159</b>

5. Number of audits in last 12 months, category-wise (**Organization can add categories based on project handled by them**)

Network security audit	:	<b>70</b>
Web-application security audit	:	<b>100</b>
Wireless security audit	:	<b>5</b>
Compliance audits (ISO 27001, IEC 62443, IEC 27019, PCI, etc.)	:	<b>29</b>
Finance Sector Audits (Swift, ATMs, API, Payment Gateway etc.)	:	<b>2</b>
ICS/OT Audits	:	<b>2</b>
Cloud security Audits	:	<b>27</b>
Technical manpower deployed for information security audits	:	<b>14</b>
CISSPs	:	<b>1</b>
BS7799 / ISO27001 LA	:	<b>4</b>
CISAs	:	<b>2</b>
DISAs / ISAs	:	<b>0</b>
Any other information security qualification:		
<b>Offensive Security Certified Professional</b>	-	<b>1</b>
<b>Certified Ethical Hacker</b>	-	<b>5</b>
<b>Certified Information Security Manager</b>	-	<b>2</b>
<b>CBCP</b>	-	<b>1</b>
Total Nos. of Technical Personnel	:	<b>14</b>

6. Details of technical manpower deployed for information security audits in Government and Critical sector organizations (attach Annexure if required)

S. No.	Name of Employee	Duration with <b>&lt;organization&gt;</b>	Experience in Information Security (years)	Qualifications related to Information security
1.	Murari Shanker	39 months	32	CISM
2.	Suresh P	22 months	21	TOGAF 9
3.	Deepti Bhatia	37 months	6	CISSP, CISA
4.	Venkateshwaran Prabhakaran	25 months	8	CISA
5.	Ram Prasad	39 months	13	CEH, CHFI
6.	Anamika Patil	39 months	3.3	OSCP, CEH, ISO 27001 LA
7.	Varun Mokashi	24 months	2	CEH
8.	Uday Naik	24 months	3	CEH

S. No.	Name of Employee	Duration with <b>&lt;organization&gt;</b>	Experience in Information Security (years)	Qualifications related to Information security
9.	Ashutosh Nath Rimal	20 months	2	CEH
10.	Kalyani B	6 months	6	ISO 27001 LA
11.	Bharat Srinivasaraghavan	45 months	7	CISM, CBCP

7. Specify Largest Project handled in terms of scope (in terms of volume, complexity, locations etc.) along with project value.

Information Systems Audits for a Bank

**Scope:**

- Audit against requirements and circulars - RBI Cyber Security Framework, Gopalakrishna Committee Recommendations
- Audit against Storage of Payments Systems Data
- e-Sign Audit
- Audit against UIDAI requirements
- Vulnerability Assessment and Penetration Testing
- Red Team Assessment
- Application Security Assessment
- Cloud Security Audit
- Data Privacy
- Security Operations Audit

**Locations:** India

8. List of Information Security Audit Tools used (commercial/ freeware/proprietary):

Tool	User
Nessus Professional	Infrastructure Scanning
Burp Suite	Penetration Testing / Web Application Scanning
Metasploit	Penetration Testing
Charles	Infrastructure Scanning
Nikto	Penetration Testing
SQLmap	Penetration Testing / DB Scanner
W3AF	Web Application Scanning
AirCrack-ng	Infrastructure Scanning
Netcat	Multipurpose Tool
TCPDUMP	Infrastructure Scanning / Sniffer
Wireshark	Infrastructure Scanning / Sniffer
Kismet	Infrastructure Scanning
WebScarab	Web Application Scanning
OpenSSL Toolkit	Infrastructure scanning
Fiddler / Firebug	Web Application Scanning
SQLNinja	Penetration Testing / DB Scanner
Nirsoft Suite	Multipurpose Toolset
Sysinternals Suite	Multipurpose Toolset
Frida	Mobile Application Penetration testing
Drozer	Mobile Application Penetration testing
QARK	Mobile Application Penetration testing
MobSF	Mobile Application Penetration testing
SuperAndroidAnalyzer	Mobile Application Scanning
Postman	API Penetration Testing

Tool	User
FuzzAPI	API Scanning
Astra	API Penetration Testing
Fortify SCA	Secure Code Review
PMD	Secure Code Review
Checkstyle	Secure Code Review
FingBugs	Secure Code Review
Source meter	Secure Code Review
SonarQube	Secure Code Review
VCG	Secure Code Review
Prowler	Cloud Configuration Review
Scout Suite	Cloud Configuration Review
Custom Scripts	Multipurpose

9. Outsourcing of Project to External Information Security Auditors / Experts: (If yes, kindly provide oversight arrangement (MoU, contract etc.)) **No**
11. Whether organization has any Foreign Tie-Ups? If yes, give details: **No**
12. Whether organization is a subsidiary of any foreign based organization? If yes, give details **No**
13. Locations of Overseas Headquarters/Offices, if any: **No**

\*Information as provided by CYRAAC Services Private Limited on 25 July 2021

Murari Shanker

Co-Founder and CTO

Authorized Signatory

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**Snapshot of skills and competence of CERT-In empanelled  
Information Security Auditing Organisation**

**M/s ESSENTIAL INFOSEC PRIVATE LIMITED**

1. Name & location of the empanelled Information Security Auditing Organization :

**M/S ESSENTIAL INFOSEC PRIVATE LIMITED**

**Corporate address (Mailing Address):**

1st Floor, Plot No. 16, Near SBI BANK Behind Sultanpur Metro Station, New Delhi 110030

**Website:** www.essentialinfosec.com

**Mobile:** +91 79855 34793

**Email:** cert[at]essentialinfosec.com

**Registered Address:**

UG/66, Shuchita Business Park, Pant Nagar Municipal Market, Patel Chowk Ghatkopar East Mumbai City Mh 400075

**Mobile:** +91 73983 77126

**Email:** pawan[at]essentialinfosec.com

2. Carrying out Information Security Audits since : **2018**

3. Capability to audit, category wise (add more if required)

Network security audit (Y/N)	:	YES
Web-application security audit (Y/N)	:	YES
Wireless security audit (Y/N)	:	YES
Compliance audits (ISO 27001, PCI, etc.) (Y/N)	:	YES
Application VAPT - (Vulnerability Assessment & Penetration Testing) (Y/N):	:	YES
Network VAPT - (Vulnerability Assessment & Penetration Testing) (Y/N):	:	YES
Mobile Application VAPT - (Y/N)	:	YES
IOT Security Testing (Y/N)	:	YES
Social Engineering Assessment(Y/N)	:	YES
Secure Code Review (Y/N)	:	YES
Local Host Security Assessments(Y/N)	:	YES
Device Security Audit & Assessment(Y/N)	:	YES
Telecom Security Audit & Assessment(Y/N)	:	YES
Risk Assessments(Y/N)	:	YES
ERP Security Audit & Assessment(Y/N)	:	YES
Infrastructure Security Audit(Y/N)	:	YES
Big Data Security Audit & Assessment(Y/N)	:	YES
Cyber forensic Analysis(Y/N)	:	YES
Security Architecture Review(Y/N)	:	YES
Data Center Security Audit & Assessment(Y/N)	:	YES
Cloud Applications VAPT(Y/N)	:	YES
Threat Assessment(Y/N)	:	YES
SOC - Security Operation Center Type 1 & 2 Assessment(Y/N)	:	YES
Managed Security Service(Y/N)	:	YES
Automotive Security Audit(Y/N)	:	YES
AI - Artificial Intelligence Security Audit(Y/N)	:	YES
ML- MACHINE LOG AUDIT(Y/N)	:	YES
Data Localization Security Audit(Y/N)	:	YES
Ransomware Rescue Analysis & Forensic Investigation(Y/N)	:	YES
API Security Audit(Y/N)	:	YES
Network Performance Testing(Y/N)	:	YES
GDPR Compliance Audit(Y/N)	:	YES
Root Cause Analysis(Y/N)	:	YES
ISNP Audit(Y/N)	:	YES
AUA/KUA Audit(Y/N)	:	YES
AEPS and AADHAAR pay Micro ATM Audit(Y/N)	:	YES
IT/OT Infrastructure Audit(Y/N)	:	YES

- e-Sign Compliance audit(Y/N) : YES  
Thick Client Security Audit(Y/N) : YES
4. Information Security Audits carried out in last 12 Months : **84**
- Govt. : **40**  
PSU : **12**  
Private : **32**  
Total Nos. of Information Security Audits done: : **84**
5. Number of audits in last 12 months , category-wise **(Organization can add categories based on project handled by them)**
- Network security audit : **20+**  
Web-application security audit : **150+**  
Mobile Penetration Testing : **30+**  
Compliance audits (ISO 27001, PCI, etc.) : **5+**  
Others : **5+**
6. Technical manpower deployed for information security audits :
- CISSPs : **2**  
BS7799 / ISO27001 LAs : **2**  
CISAs : **2**
- Any other information security qualification:
- CCIE : **1**  
Ec-Council CEH : **12**  
AWS Security : **1**  
ITIL : **1**  
CSSA : **1**  
CCNA/CCNP : **5**  
Total Nos. of Technical Personnel : **25**
7. Details of technical manpower deployed for information security audits in Government and Critical sector organizations (attach Annexure if required)

S. No.	Name of Employee	Duration with Essential InfoSec	Experience in Information Security	Qualifications related to Information security
1.	Pawan Srivastav	2020	4.5+ Years	CEH, CSSA
2.	Deepak Gupta	2021	4+ Years	CEH
3.	P. Kumar	2020	4.5+ Years	CEH
4.	Uttika	2021	4.2+ Years	ISO 27001:2013 LA
5.	Sachidanand	2021	12+ Years	CEH, MCP
6.	Vikas	2021	7+ Years	CCIE, CCNP, Certified Engineer
7.	Vivek	2021	7+ Years	CCNA
8.	Gitesh	2021	4+ Years	CEH, CCNP
9.	Yogita	2021	2+ Years	CEH
10.	R. Kashyap	2022	5+ Years	ISO Lead Auditor
11.	Aditya	2022	4+ Years	CEH
12.	Ajhar	2022	6+ Months	CEH
13.	R. Gupta	2022	9+ Years	ISO 27001:2013 LA
14.	Akshay	2022	4+ Years	CEH

8. Specify Largest Project handled in terms of scope (in terms of volume, complexity, locations etc.) along with project value.  
Due to non-disclosure agreement with Client, Business/scope are restricted to disclosure.
9. List of Information Security Audit Tools used (commercial/ freeware/proprietary):

1	Acunetix	Commercial
2	Nessus	Commercial
3	Snappytick	Commercial
4	Burpsuite Pro	Commercial
9	enumIAX	Freeware
5	arp-scan	Freeware
6	Dig	Freeware
7	Ffuf	Freeware
8	enum4linux	Freeware
10	EyeWitness	Freeware
11	Faraday	Freeware
12	Fierce	Freeware
13	Gophish	Freeware
14	GoLismero	Freeware
15	hping3	Freeware
16	ident-user-enum	Freeware
17	InSpy	Freeware
18	masscan	Freeware
19	Metagoofil	Freeware
20	Nmap	Freeware
21	Rust Scan	Freeware
22	OSRFramework	Freeware
23	Postman	Freeware
24	Recon-ng	Freeware
25	Social Engineering Toolkit	Freeware
26	SMBMap	Freeware
27	SPARTA	Freeware
28	testssl.sh	Freeware
29	Sublist3r	Freeware
30	Hashcat	Freeware
31	theHarvester	Freeware
32	URLCrazy	Freeware
33	Wireshark	Freeware
34	Xplico Network Forensics	Freeware
35	BBQSQL	Freeware
36	cisco-global-exploiter	Freeware
37	jQuery	Freeware
38	Lynis	Freeware
39	openvas	Freeware
40	sqlmap	Freeware
41	Netcat	Freeware
42	LinPEAS	Freeware
43	WinPEAS (Privilege Escalation Audit)	Freeware
44	Yersinia	Freeware
45	Armitage	Freeware
46	Backdoor Factory	Freeware
47	BeEF	Freeware
48	Commix (Command Injection Exploiter)	Freeware
49	Crackle (Bluetooth Audit tool)	Freeware
50	Searchsploit	Freeware
51	Linux Exploit Suggester	Freeware
52	Windows Exploit Suggester	Freeware



<b>53</b>	<b>Maltego</b>	<b>Freeware</b>
<b>54</b>	<b>Metasploit Framework</b>	<b>Freeware</b>
<b>55</b>	<b>RouterSploit</b>	<b>Freeware</b>
<b>56</b>	<b>Aircrack-ng Suite</b>	<b>Freeware</b>
<b>57</b>	<b>Bluetooth-arsenal</b>	<b>Freeware</b>
<b>58</b>	<b>Airgeddon</b>	<b>Freeware</b>
<b>59</b>	<b>kalibrate-rtl (GSM)</b>	<b>Freeware</b>
<b>60</b>	<b>KillerBee</b>	<b>Freeware</b>
<b>61</b>	<b>wpascan</b>	<b>Freeware</b>
<b>62</b>	<b>DirBuster</b>	<b>Freeware</b>
<b>63</b>	<b>fimap</b>	<b>Freeware</b>
<b>64</b>	<b>FunkLoad</b>	<b>Freeware</b>
<b>65</b>	<b>hURL</b>	<b>Freeware</b>
<b>66</b>	<b>w3af</b>	<b>Freeware</b>
<b>67</b>	<b>XSSStrike</b>	<b>Freeware</b>

10. Outsourcing of Project to External Information Security Auditors / Experts: **No**  
(If yes, kindly provide oversight arrangement (MoU, contract etc.))

11. Whether organization has any Foreign Tie-Ups? If yes, give details: **No**

12. Whether organization is a subsidiary of any foreign based organization? **No**  
If yes, give details

13. Locations of Overseas Headquarters/Offices, if any: **No**

\*Information as provided by < **Essential Infosec Private Limited**> on <**26/02/2022**>

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**Snapshot of skills and competence of CERT-In empanelled  
Information Security Auditing Organisation**

**M/s ISECURION Technology & Consulting PVT LTD**

1. Name & location of the empanelled Information Security Auditing Organization :

**ISECURION Technology & Consulting PVT LTD**

**2nd floor, #670, 6th Main Road, RBI Layout, J.P. Nagar 7th Phase, opp. Elita  
Promenade, Bengaluru, Karnataka 560078**

2. Carrying out Information Security Audits since : **2015**

3. Capability to audit , category wise (add more if required)

• Network security audit (Y/N)	: Yes
• Web-application security audit (Y/N)	: Yes
• Mobile application security audit (Y/N)	: Yes
• Wireless security audit (Y/N)	: Yes
• Read Team Assessment (Y/N)	: Yes
• Compliance audits (ISO 27001, IEC 62443, IEC 27019, PCI, etc.) (Y/N)	: Yes
• Finance Sector Audits (Swift,ATMs, API, Payment Gateway etc.) (Y/N)	: Yes
• ICS/OT Audits (Y/N)	: Yes
• Cloud security Audits (Y/N)	: Yes
• Secure Code Review (Y/N)	: Yes
• Cloud Security Audit (Y/N)	: Yes
• Penetration Testing (Y/N)	: Yes
• IOT Security Testing(Y/N)	: Yes
• Firewall Configuration review(Y/N)	: Yes
• Deep Web /Dark Web Monitoring(Y/N)	: Yes
• SOC2 Audit & Certification(Y/N)	: Yes
• ISO 27001 Implementation & certification(Y/N)	: Yes

4. Information Security Audits carried out in last 12 Months:

Govt.	: <b>0</b>
PSU	: <b>0</b>
Private	: <b>100+</b>
Total Nos. of Information Security Audits done	: <b>100+</b>

5. Number of audits in last 12 months , category-wise (**Organization can add categories based on project handled by them**)

Network security audit	: <b>10+</b>
Web-application security audit	: <b>70+</b>
Wireless security audit	: <b>5+</b>
Compliance audits (ISO 27001, IEC 62443, IEC 27019, PCI, SOC2, GDPR etc.)	: <b>10+</b>
Finance Sector Audits (Swift,ATMs, API, Payment Gateway etc.)	: <b>2+</b>
Cloud security Audits	: <b>3+</b>
Secure Code review	: <b>2+</b>
Firewall Configuration review	: <b>10+</b>
IOT Security Testing	: <b>3+</b>

6. Technical manpower deployed for information security audits :

CISSPs	: <b>0</b>
BS7799 / ISO27001 LAs	: <b>0</b>
CISAs	: <b>0</b>
DISAs / ISAs	: <b>0</b>
Any other information security qualification:	<b>CEH: 5, ISO 27001 LI:1</b>

Total Nos. of Technical Personnel : **8**

7. Details of technical manpower deployed for information security audits in Government and Critical sector organizations (attach Annexure if required)

S. No.	Name of Employee	Duration with <b>ISECURION</b>	Experience in Information Security	Qualifications related to Information security
1	Manjunath NG	5.5 Years	13 Years	ISO 27001 LI, CEH, CCNA, MCSE
2	Sachin Kumar S	2.5 Years	3.4Years	CEH, CPT
3	Aghilesh B	2 .4 Years	2.4 Years	NASSCOM Application Security Analyst
4	Mukul Trivedi	4 Months	2.4 Years	CEH
5	Pramod Raghunathan	6Months	5 Years	VPA,IIHT-CCP, IBM-CCS
6	Cephas Joseph	2 Months	4 Years	CEH, CPFA, CISC
7	Rajesh Kannan	6 Months	01 Years	CEH, CCNA, Comptia N+, CCNP, MCP, MCDST
8	Kasireddy Venkateswarlu	4 Months	01 Years	

8. Specify Largest Project handled in terms of scope (in terms of volume, complexity, locations etc.) along with project value.

Vulnerability Scan for Major BPO Company across 5 locations which consist of nearly 1000 Assets which includes Servers, Desktops, Network & Security Devices.

Performed Audit of 25+ Applications for a Largest Data Indicators in Europe across different environments and Technology.

Quarterly External Penetration Testing Activity for Major Indian e-commerce company from various perspective of their External infrastructure, Web & Mobile applications.

Project Value (s): Confidential

9. List of Information Security Audit Tools used(commercial/ freeware/proprietary):

- Nmap
- Nessus Pro
- Nikto
- Metasploit
- Sqlmap
- BurpSuite Pro Edition
- Acunetix Pro
- OWASP Zed Attack Proxy
- WebScarab
- Kali linux OS
- Paros
- Wikta
- Sublister
- W3AF
- Android Tamer
- AppUse
- MobSF
- APKTool
- Drozer
- LogCat
- Cyberduck
- FileZilla
- Xposed Module SSLUnpinning
- Echo Mirage
- Process Monitor
- Regmon
- Mallory
- Wireshark
- TCP relay
- WinHex

- Java Snoop
- mimikittenz
- DomainPasswordSpray
- nishang
- PowerSploit
- ADRecon

10. Outsourcing of Project to External Information Security Auditors / Experts : No  
( If yes, kindly provide oversight arrangement (MoU, contract etc.))
11. Whether organization has any Foreign Tie-Ups? If yes, give details : No
12. Whether organization is a subsidiary of any foreign based organization? : No  
If yes, give details
13. Locations of Overseas Headquarters/Offices, if any : No

\*Information as provided by ISECURION Technology & Consulting PVT LTD on 27-07-2021

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**Snapshot of skills and competence of CERT-In empanelled  
Information Security Auditing Organisation**

**M/s Netmagic IT Services Pvt. Ltd.**

1. Name & location of the empanelled Information Security Auditing Organization :

**Netmagic IT Services Pvt. Ltd.  
Lighthall 'C' Wing, Hiranandani Business Park, Saki Vihar Road,  
Chandivali, Andheri (East) Mumbai 400 072**

2. Carrying out Information Security Audits since : **2006**

3. Capability to audit , category wise (add more if required)

• Network security audit (Y/N)	:	<b>YES</b>
• Web-application security audit (Y/N)	:	<b>YES</b>
• Wireless security audit (Y/N)	:	<b>YES</b>
• Compliance audits (ISO 27001, PCI, etc.) (Y/N)	:	<b>YES</b>

4. Information Security Audits carried out in last 12 Months :

Govt.	:	<b>50+</b>
PSU	:	<b>100+</b>
Private	:	<b>150+</b>
Total Nos. of Information Security Audits done	:	<b>200+</b>

5. Number of audits in last 12 months , category-wise (**Organization can add categories based on project handled by them**)

Network security audit	:	<b>100+</b>
Web-application security audit	:	<b>200+</b>
Wireless security audit	:	<b>50+</b>
Compliance audits (ISO 27001, PCI, etc.)	:	<b>10+</b>

6. Technical manpower deployed for information security audits :

CISSPs	:	<b>1</b>
BS7799 / ISO27001 LAs	:	<b>2</b>
CISAs	:	<b>NA</b>
DISAs / ISAs	:	<b>NA</b>
Any other information security qualification: ( <b>GCFA/CCISO/CEH/CHFI</b> )	:	
Total Nos. of Technical Personnel	:	<b>45+</b>

7. Details of technical manpower deployed for information security audits in Government and Critical sector organizations (attach Annexure if required)

S. No.	Name of Employee	Duration with <b>&lt;organization&gt;</b>	Experience in Information Security	Qualifications related to Information security
1	Srinivas Prasad	12 years	12 years	CISC, CPH, CPFA, ISO 27001 LA, CPISI
2	Bhushan Pandloskar	9 years	16 years	ISO 27001 LA, CISC
3	Neeraj Pathak	3 years	16 years	CISSP, CCNP, CCDP
4	Sandeep Kand	1 year	4 year	ISO 27001 LA
5	Jaspreet Singh Bassan	3 years	5 years	CEH, Cyberlaw, CTIA,

8. Specify Largest Project handled in terms of scope (in terms of volume, complexity, locations etc.) along with project value.

Out of 25+ large projects of Netmagic, one of the largest and complex project was to carry out Information Security with following detail scope.

The scope of entire activity includes:

- Vulnerability Assessment / Penetration Testing
- Configuration Audit of Network Devices
- Technical /Configuration Assessment of (Windows and Unix) Servers
- Policy and Process review & Audit
- Red Team Assessment
- Breach Assessment

9. List of Information Security Audit Tools used( commercial/ freeware/proprietary):

**Open Source**

- WebScarab/Paros/Burp
- Grendle scan/Nikto/w3af
- KALI Linux
- Dir buster
- WebSecurify

**Commercial**

- Nessus
- Hacker Guardian
- Netgear Wi-Fi Scanner

10. Outsourcing of Project to External Information Security Auditors / Experts : Yes/No  
( If yes, kindly provide oversight arrangement (MoU, contract etc.))

**YES**

11. Whether organization has any Foreign Tie-Ups? If yes, give details : Yes/No

**NO**

12. Whether organization is a subsidiary of any foreign based organization? : Yes/ No  
If yes, give details

**YES.NTT LTD.**

13. Locations of Overseas Headquarters/Offices, if any : Yes/No

**NO**

\*Information as provided by <Netmagic IT services Pvt Ltd> on <26.07.2021>

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**Snapshot of skills and competence of CERT-In empanelled  
Information Security Auditing Organisation**

**M/s NetSentries Infosec Solutions Private Limited**

**1. Name & location of the Empanelled Information Security Auditing Organization:**

**NetSentries Infosec Solutions Private Limited**

Bangalore Address:

No 185/7, 2nd Floor, Chandra Plaza,  
8th F Main, 3rd Block Jayanagar  
Bangalore 560011

Cochin Address:

No.5, 4th Floor, Wing II  
Jyothirmaya Building, Infopark SEZ Phase-II,  
Cochin 682303

**2. Carrying out Information Security Audits since : 2016**

**3. Capability to audit, category wise (add more if required)**

Network security audit (Y/N)	Yes
Web-application security audit (Y/N)	Yes
Wireless security audit (Y/N)	Yes
Compliance audits (ISO 27001, PCI, etc.) (Y/N)	Yes
SWIFT CSP Security Audits	Yes
ATM/CDM/ITM Security Audits	Yes
RPA Security Assessments	Yes
Security Operations Center Audits	Yes
IOT/OT Security Audits	Yes
Red and Purple Team Assessments	Yes
Cloud Security Audits	Yes
Security Engineering Reviews	Yes
Secure Code Reviews (SAST, SCA, DAST, IAST)	Yes

**Detailed List of Services offered By NetSentries with respect to Information Security.**

Services	Details
Infrastructure Security Assessment	<ul style="list-style-type: none"><li>• Network Penetration testing</li><li>• IOT/OT Security Assessments</li><li>• SCADA/ICS Security Assessments</li></ul>
Application Security Assessment	<ul style="list-style-type: none"><li>• Web Application Security Assessment</li><li>• Mobile Application Security Assessment</li><li>• Application Source Code Reviews (SAST, IAST, SCA, DAST)</li><li>• API Security Assessments</li></ul>
Digital Payment Systems Security Assessment	<ul style="list-style-type: none"><li>• Digital Wallets and Payment Systems Security Assessments (Apple Pay, Samsung pay etc)</li><li>• Payment Aggregators and Payment Gateway Security Assessment</li></ul>

ATM/ITM, POS, Card Production Security Assessments	<ul style="list-style-type: none"> <li>• POS terminals and POS preparation security assessments</li> <li>• ATM/CDM/ITM/BTM security assessments</li> <li>• Payment gateway security assessment and testing</li> <li>• Card production security assessment</li> </ul>
Adversarial Simulations	<ul style="list-style-type: none"> <li>• External Red teaming and spear phishing</li> <li>• Internal Red Teaming</li> <li>• Purple Teaming</li> <li>• Attack Surface discovery and reduction</li> <li>• Business Email Compromise Simulations</li> </ul>
Security Operations Center (CSOC) Assessment	<ul style="list-style-type: none"> <li>• SOC assessment with content and correlation review</li> <li>• Threat Simulations and SOC Cyber Drills</li> </ul>
Enterprise Security & Critical Infrastructure Assessments	<ul style="list-style-type: none"> <li>• Enterprise security architecture review</li> <li>• Security Engineering Reviews</li> <li>• Enterprise email system security assessment</li> <li>• Core Banking systems Security Assessments</li> <li>• Firewall segmentation testing</li> <li>• Security baselining and control validation</li> </ul>
Other Advanced Security Assessments	<ul style="list-style-type: none"> <li>• RPA and robotics security assessment</li> <li>• Cloud security assessment – (IAAS, PAAS, SAAS)</li> <li>• Blockchain, AI and ML Applications Security Assessments</li> </ul>
GRC Enablement	<ul style="list-style-type: none"> <li>• PCI DSS</li> <li>• SWIFT CSP</li> <li>• GDPR</li> <li>• ISO27K</li> <li>• NIST</li> <li>• RBI DPS</li> </ul>

**4. Information Security Audits carried out in last 12 Months:**

Govt.	<b>0</b>
PSU	0
Private	100+
Total Nos. of Information Security Audits done	100+

**5. Number of audits in last 12 months, category-wise (Organization can add categories based on project handled by them)**

Network security audit	100+
Web-application security audit	100+
API Security Audits	50+
Wireless security audit	5+
Compliance audits (ISO 27001, PCI, etc.)	10+
SWIFT CSP Security Audits	15+
ATM/CDM/ITM Security Audits	25+
Open Banking Security Audits	3
RPA Security Assessments	50+
Security Operations Center Audits	2



IOT/OT Security Audits	1
Red and Purple Team Assessments	5
Cloud Security Audits	3
Security Engineering Reviews	10
Secure Code Reviews (SAST, SCA, DAST, IAST)	15+
Integration Layer and Micro Services Audits	50+

**6. Technical manpower deployed for information security audits :**

CISSPs	1
BS7799 / ISO27001 LAs	2
CISM	2
OSCP	6
OSWE	1
CRTP	2
ECSA	2
CHFI	1
CEH	9
Qualys Certified	6
Total Nos. of Technical Personnel:	27

**7. Details of technical manpower deployed for information security audits in Government and Critical sector organizations (attach Annexure if required)**

**NetSentries Security Assessment Team List**

#	Name of Employee	Duration with Netsentries	Experience in Information Security	Qualifications related to Information security
1	Arun Thomas	5 years	18 years	CISSP-AP/EP/MP, SSCP, LPT Master, ECSA Practical, CHFI
2	Rupesh Nair	5 years	15 years	AWS Certified Cloud Practitioner
3	Vamsi Kalyan Pothula	5 years	18 years	PCI-ISA   ISO Lead Auditor   CCNA   CCNP   CCIE(W)
4	Vidhyasagar K	2 years	5 years	CISM
5	Abhinav Rajput	1 year	5 years	OSCP, CCNA
6	Vaibhav Joshi	2 years	3 years	OSWE; OSCP; CRTP; CEH Practical; Qualys Vulnerability Management; Qualys Web Application Scanning; Qualys Policy Compliance; Qualys PCI Compliance; Fortinet NSE2; Fortinet NSE1
7	Mohammed Abin	2 years	3 years	CEH, CRTP, CRTE

#	Name of Employee	Duration with Netsentries	Experience in Information Security	Qualifications related to Information security
8	Anoop AJ	2 years	3 years	CEHv10
9	Amal Raj P	3 years	3 years	CEHCEH v9; Fortinet NSE 1 Network Security Associate; Fortinet NSE 2 Network Security Associate; SWIFT Customer Security Controls Framework v2021;
10	Enosh George	3 Years	5 years	CEH
11	Rajalakshmi KR	2 years	2 years	BCA (Cloud Technology and Information Security Management); Qualys Certified Specialist (VM, SSBP)
12	Sindhoori Murali	1 year	2 years	CEH, NASSCOM
13	Suchand Babu	4 years	5 years	CISM
14	Jason Dias	1 year	7 years	OSCP, CEH
15	Bajrang Davda	1 year	2 years	CEH, ECSA, Fortinet- NSE 1, Qualys Certified Specialist
16	Divyang Chauhan	1 year	4 years	OSCP, Qualys Certified Specialist
17	Habshan AK	4 years	4 years	Splunk Power User 6.3; Splunk SE I; Fortinet NSE 1; Fortinet NSE 2; Microsoft Specialist-Hyper V
18	Rajpal Singh Gurjar	2 years	2 years	CEH, CEH Practical, CEH Master, ECSA, NSE 1 & NSE 2
19	Arun Kumar S	2 years	2 years	Qualys Certified Specialist
20	Jamie Jacob Mathew	2 years	2 years	Qualys Certified Specialist, CheckmarxCx
21	Christy Elias	3 years	3years	CheckmarxCx
22	Muhammed Fazil T.S	3 years	3years	CheckmarxCx
23	Arvin Jangid	1 year	1 year	OSCP
24	Madhup Bajpai	1 year	1 year	CEH V10; ISO 27001:2013 Lead Auditor
25	Charchit Verma	1 year	1 year	OSCP ; NSE-1 ; NSE-2
26	Archana Radhakrishnan	2 years	2 years	M.Tech in Computer Science & Information System,

8. **Specify Largest Project handled in terms of scope (in terms of volume, complexity, locations etc.) along with project value.**

SWIFT Security Gap Assessment, Remediation Enablement and Compliance Attestation for a Multinational bank with more than 10 locations worldwide – **Approx. Value – INR 2 Crores**

PCI DSS Compliance Enablement and first-time certification assistance to the issuing business of a large bank. **Approx. Value – INR 1.5 Crores**

External Red and purple Team Assessment with Remediation enablement and CSOC enhancement services to a multi-national bank with presence in several countries. Approx. Value – **INR 70**

**Lakhs**

Application and Infrastructure Penetration testing for a conglomerate with more than 100 applications and several 100 Infrastructure components. **Approx. Value – INR 2 Crores**

## 9. List of Information Security Audit Tools used (commercial/ freeware/proprietary):

### NetSentries Security Assessment Tools List

<b>Tools from Penetration Testing Distribution:</b> <ul style="list-style-type: none"> <li>Kali Linux</li> <li>Parrot OS</li> <li>BlackArch</li> <li>Kali Net Hunter</li> <li>Tails</li> <li>Qubes</li> <li>Whonix</li> </ul>	<b>Multi-paradigm Frameworks:</b> <ul style="list-style-type: none"> <li>Metasploit</li> <li>Armitage</li> <li>Faraday</li> <li>ExploitPack</li> <li>Pupy</li> </ul>	<b>Reverse Engineering Tools</b> <ul style="list-style-type: none"> <li>IDA Pro</li> <li>PEStudio</li> <li>PEView</li> <li>WDK/WinDBG</li> <li>OlllyDbg</li> <li>X64dbg</li> <li>De4dot</li> <li>Radare2</li> <li>Immunity Debugger</li> <li>Frida</li> <li>dnSpy</li> <li>binwalk</li> <li>PyREERBox</li> <li>Voltron</li> <li>Capstone</li> <li>Readelf</li> </ul>	<b>Web App Scanners:</b> <ul style="list-style-type: none"> <li>Qualys WAS</li> <li>Nikto</li> <li>Arachni</li> <li>W3af</li> <li>Wapiti</li> <li>WebReaver</li> <li>WPScan</li> <li>Cms-explorer</li> <li>Joomscan</li> </ul>	<b>Exploitation Frameworks:</b> <ul style="list-style-type: none"> <li>OWASP ZAP</li> <li>Fiddler</li> <li>Burp Suite Pro</li> <li>OWASP-OWTF</li> <li>Wordpress Exploit Framework</li> <li>WPSploit</li> <li>Secaps Suite</li> <li>ACSTIS</li> </ul>
<b>Exploit Frameworks ctd:</b> <ul style="list-style-type: none"> <li>SQLmap</li> <li>Tplmap</li> <li>Weeveily3</li> <li>Wappalizer</li> <li>WhatWeb</li> <li>Wafw00f</li> <li>Fimap</li> <li>Kadabra</li> <li>Kadimus</li> <li>Liffy</li> <li>Commix</li> <li>DVCS Ripper</li> <li>Sslstrip2</li> <li>NoSQLmap</li> <li>VHostScan</li> <li>FuzzDB</li> </ul>	<b>Network Utilities:</b> <ul style="list-style-type: none"> <li>Nmap</li> <li>Scanless</li> <li>Tcpdump</li> <li>Wireshark/Tshark</li> <li>Pig</li> <li>Netsniff-NG</li> <li>Interceptor-NG</li> <li>SPARTA</li> <li>Dnsenum</li> <li>Dnsmap</li> <li>Dnsrecon</li> <li>DNSChef</li> <li>Dshell</li> <li>Mitmproxy</li> <li>Morpheys</li> <li>Mallory</li> </ul>	<b>Network Utilities Ctd.</b> <ul style="list-style-type: none"> <li>SSH MITM</li> <li>Netzob</li> <li>Pwnat</li> <li>Smbmap</li> <li>Scapy</li> <li>Dripcap</li> <li>Printer Exploitation Toolkit</li> <li>Praeda</li> <li>Routersploit</li> <li>Evilgrade</li> <li>Xray</li> <li>Ettercap</li> <li>CrackMapExec</li> <li>zarp</li> </ul>	<b>Windows Utilities</b> <ul style="list-style-type: none"> <li>Sysinternals Suite</li> <li>Windows Credentials Editor</li> <li>Mimikatz</li> <li>PowerSploit</li> <li>Windows Exploit Suggester</li> <li>Responder</li> <li>Bloodhound</li> <li>Empire</li> <li>Fibratus</li> <li>wePWNise</li> <li>redsnarf</li> <li>Magic Unicorn</li> <li>DeathStar</li> </ul>	<b>Transport Layer Security Tools</b> <ul style="list-style-type: none"> <li>SSLyze</li> <li>Tls_prober</li> <li>Testssl.sh</li> </ul> <b>Infra and OS Vulnerability Scanners:</b> <ul style="list-style-type: none"> <li>Nexpose</li> <li>Nessus</li> <li>OpenVAS</li> <li>Vuls</li> <li>Qualys Guard</li> </ul>
<b>Security Control Evasion Tools</b> <ul style="list-style-type: none"> <li>Veil</li> <li>Shellsploit</li> <li>Hyperion</li> <li>AntiVirus Evasion Tool</li> <li>peCloak.py</li> <li>UniByAV</li> </ul>	<b>Hash Cracking Tools</b> <ul style="list-style-type: none"> <li>John the Ripper</li> <li>Hashcat</li> <li>CeWL</li> <li>JWT Cracker</li> <li>Rar Crack</li> <li>BruteForce Wallet</li> </ul>	<b>Wireless Security Assessment Tools:</b> <ul style="list-style-type: none"> <li>Aircrack-ng</li> <li>Kismet</li> <li>Reaver</li> <li>Wifite</li> <li>Fluxion</li> </ul>	<b>Anonymity Tools</b> <ul style="list-style-type: none"> <li>Tor</li> <li>Onion Scan</li> <li>I2P</li> <li>Nipe</li> </ul>	<b>Secure Code Review tools</b> <ul style="list-style-type: none"> <li>Veracode</li> <li>SonarQube</li> <li>Sourcimeter</li> <li>Checkmarx</li> </ul>

OSINT Tools	Social Engineering	Proprietary Tools		
<ul style="list-style-type: none"> <li>Maltego</li> <li>Harpoon</li> <li>Google dorks</li> <li>GHDB</li> <li>Censys</li> <li>Shodan</li> <li>Recon-ng</li> <li>SpiderFoot</li> <li>ZoomEye</li> <li>Intrigue</li> </ul>	<ul style="list-style-type: none"> <li>Custom SMTP Servers &amp; Phishing Frameworks</li> <li>Custom Spearphishing Exploit Payloads</li> </ul>	<ul style="list-style-type: none"> <li>NS-Segmentor - This is a segmentation penetration testing suite that assess effectiveness logical segmentation controls.</li> <li>NS-Hawk - This is a OSINT and Darkweb threat intelligence harvesting tool</li> <li>NS-TIP - This a a Threat Intelligence Platform capable of IOC analysis and sharing</li> <li>NS-ElastikTA - This a Threat Hunting and Security Analytics platform developed with ELK stack</li> </ul>		
<b>Custom Tools: In addition to the above listed tools, custom tools will be developed based on the context of the scoped asset.</b>				

**10. Outsourcing of Project to External Information Security Auditors / Experts: NO**

(If yes, kindly provide oversight arrangement (MoU, contract etc.)

**11. Whether organization has any Foreign Tie-Ups? If yes, give details : YES**

**UAE Sales Office**  
**NetSentries Technologies FZCO**  
**G11, TechnoHub, DTEC, Dubai Silicon Oasis**  
**Dubai, UAE**

**12. Whether organization is a subsidiary of any foreign based organization? : No**  
**If yes, give details.**

**13. Locations of Overseas Headquarters/Offices, if any: : YES**

**UAE Sales Office**  
**NetSentries Technologies FZCO**  
**G11, TechnoHub, DTEC, Dubai Silicon Oasis**  
**Dubai, UAE**

\*Information as provided by NetSentries Infosec Solutions Private Limited on 26<sup>th</sup> July, 2021

**Back**

**Snapshot of skills and competence of CERT-In empanelled  
Information Security Auditing Organisation**

**M/s Swadesh System Pvt. Ltd.**

1. Name & location of the empanelled Information Security Auditing Organization :

**Swadesh System Pvt. Ltd.,  
Address:504,5<sup>th</sup> Floor, 58, Sahyog Building,  
Nehru Place, New Delhi-110019**

2. Carrying out Information Security Audits since : **2007**

3. Capability to audit, category wise (add more if required)

- Network security audit (Y/N) YES
- Web-application security audit (Y/N) YES
- Wireless security audit (Y/N) YES
- Compliance audits (ISO 27001, IEC 62443, IEC 27019, PCI, etc.) (Y/N) YES
- Finance Sector Audits (Swift,ATMs, API, Payment Gateway etc.) (Y/N) YES
- ICS/OT Audits (Y/N) YES
- Cloud security Audits (Y/N) YES

4. Information Security Audits carried out in last 12 Months :

Govt. : **0**  
 PSU : **0**  
 Private : **100+**  
 Total Nos. of Information Security Audits done : **100+**

5. Number of audits in last 12 months , category-wise (**Organization can add categories based on project handled by them**)

Network security audit : **20+**  
 Web-application security audit : **55+**  
 Wireless security audit : **10+**  
 Compliance audits (ISO 27001, IEC 62443, IEC 27019, PCI, etc.) : **22+**  
 Finance Sector Audits (Swift,ATMs, API, Payment Gateway etc.) : **00**  
 ICS/OT Audits : **00**  
 Cloud security Audits : **00**

6. Technical manpower deployed for information security audits :

CISSPs : **00**  
 BS7799 / ISO27001 LAs : **02+**  
 CISAs : **00**  
 DISAs / ISAs : **00**  
 Any other information security qualification : **03+**  
 Total Nos. of Technical Personnel : **20+**

7. Details of technical manpower deployed for information security audits in Government and Critical sector organizations (attach Annexure if required)- **Annexure Attached.**

S. No.	Name of Employee	Duration with <organization>	Experience in Information Security	Qualifications related to Information security
01	RohitJain	12Yrs.	12Yrs.	GraduateandMCSE
02	RoopalijJain	10Yrs.	10Yrs.	MCA
03	GauravSharma	3Months	4Yrs.	B.Tech
04	VanditSharma	2Months	2Yrs.	B.Tech
05	CHRISTYMATHEW	2Months	3Yrs.	B.Tech.,CEH

06	GVAISHNOCHAITANYA	3Months	3Yrs.	B.Tech
07	DhruvMathpal	3Months	6Months	B.Tech
08	UdayRaj	3Months	3Yrs.	B.E., CEH
09	MayankGoswami	3Months	1Year	B.Tech
10	MeghaGupta	10Days	1Year	MBA
11	ShikhaSharma	3Years	3Years	BCA/PursingMCA

8. Specify Largest Project handled in terms of scope (in terms of volume, complexity, locations etc.) along with project value.-.: **Saija Finance Limited- 4 Server Locations, 550 + IP addresses that includes DC, Network devices, desktops and POS locations.**

9. List of Information Security Audit Tools used( commercial/ freeware/proprietary):

Acunetix	Nmap/ Zenmap	Hamster
Sonatype Nexus	Sqlmap	IP scanner
Burp suite	Nikto	Yersinia
SoapUI	Hydra	Ethereal
Nessus	John the Ripper	Echo Mirage
NetCraft	Putty	WebScarab
Qualys	Whois	W3af
NMAP	Scapy	Sparta
Metasploit Framework	Pyloris	Directory Buster
Netcat	LOIC	SMTP Ping
Kali Linux	CSRF Tester	Hash-Identifier
MOBSF	Olllydbg	SysInternals Suite
JD-GUI	MBSA	Santoku Linux
DEX2JAR	TestSSLServer	OpenVAS
APKTOOL	Python / Powershell Scripts	OmegaDB
SSL Qualys server lab	Qualys SSL	Fiddler
Wireshark/ TCPDump	Ettercap	WireEdit
Armitage	Ferret	Process Hacker
Browser Plugins	Curl	Dsniff
OpenZap	NSLookup	Lynis

10. Outsourcing of Project to External Information Security Auditors / Experts : **No**  
( If yes, kindly provide oversight arrangement (MoU, contract etc.))

11. Whether organization has any Foreign Tie-Ups? If yes, give details : **No**

12. Whether organization is a subsidiary of any foreign based organization? : **No**  
If yes, give details

13. Locations of Overseas Headquarters/Offices, if any : **No**

\*Information as provided by Swadesh System Pvt. Ltd. on 27.07.2021

**Back**

**Snapshot of skills and competence of CERT-In empanelled  
Information Security Auditing Organisation**

**M/s TATA Power Delhi Distribution Ltd**

1. Name & location of the empanelled Information Security Auditing Organization :

**TATA Power Delhi Distribution Ltd**

NDPL House, Hudson Lines  
Kingsway Camp  
Delhi-110 009

2. Carrying out Information Security Audits since : **2009**

3. Capability to audit , category wise (add more if required)

• Network security audit (Y/N)	<b>Y</b>
• Web-application security audit (Y/N)	<b>Y</b>
• Wireless security audit (Y/N)	<b>Y</b>
• Compliance audits (ISO 27001) (Y/N)	<b>Y</b>
• Finance Sector Audits (Swift,ATMs, API, Payment Gateway <b>etc.</b> ) (Y/N)	<b>N</b>
• ICS/OT Audits (Y/N)	<b>Y</b>
• Cloud security Audits (Y/N)	<b>N</b>
• IT Security policy and documentation (Y/N)	<b>Y</b>
• Phishing Campaign (Y/N)	<b>Y</b>
• Architecture Review (Y/N)	<b>Y</b>
• Source Code Review (Y/N)	<b>Y</b>

4. Information Security Audits carried out in last 12 Months :

Govt.	: <b>0</b>
PSU	: <b>0</b>
Private	: <b>62</b>
Total Nos. of Information Security Audits done	: <b>62</b>

5. Number of audits in last 12 months , category-wise (**Organization can add categories based on project handled by them**)

Network security audit	: <b>3</b>
Web-application security audit	: <b>5</b>
OT Security audit	: <b>5</b>
Compliance audits (ISO 27001, PCI, etc.)	: <b>14</b>
Information Security Incident Management	: <b>14</b>
Business Continuity Planning	: <b>16</b>
Risk Assessment	: <b>2</b>
Information Security Awareness	: <b>2</b>
Compliance audit as per statutory guidelines	: <b>1</b>

6. Technical manpower deployed for informationsecurity audits :

CISSPs	: <b>0</b>
BS7799 / ISO27001 LAs	: <b>13</b>
CISAs	: <b>1</b>
DISAs / ISAs	: <b>0</b>
Any other information security qualification:	<b>CISM:1, CEH:4, CASE:6, CND:3</b>
Total Nos. of Technical Personnel	: <b>30+</b>

7. Details of technical manpower deployed for information security audits in Government and Critical sector organizations (attach Annexure if required)

S. No.	Name of Employee	Duration with <b>TATA Power- DDL</b>	Experience in Information Security	Qualifications related to Information security
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1	Aamir Hussain Khan	9 years	14 years	1. Certified Information Security Manager (CISM) 2. DNV-GL Certified ISO 27001:2013 Lead Auditor - ISMS 3. NABET Certified ISO 27001:2013 Lead Auditor – ISMS 4. EC council Certified Ethical Hacker 5. Indian Law Institute Certified “Online Course in Cyber Law 6. “Vulnerability Assessment & Prevention” Course from CDAC-Noida 7. US Homeland Security Department Certified Cybersecurity Practices for Industrial Control Systems 8. US Homeland Security Department Certified Cybersecurity Landscape for Managers 9. Cybrary certified “Introduction to IT & Cybersecurity”
2	Abhishek Bhargav	6 years	13 years	1. Certified Network Defender 2. “Vulnerability Assessment & Prevention” from CDAC-Noida
3	Tarun Bhardwaj	10 years	8 years	1. Certified Information Security Auditor 2. ISO 27001:2013 LA 3. “Vulnerability Assessment & Prevention” from CDAC-Noida 4. ISGF - Cyber Security for Power System Control
4	Abhishake Sharma	7 years	6 years	1. Certified Application Security Engineer 2. ISO 27001:2013 LA 3. “Vulnerability Assessment & Prevention” from CDAC-Noida
5	Parul Bahl Sawhney	6 years	6 years	1. CEH 2. ISO 27001:2013 LA 3. “Vulnerability Assessment & Prevention” from CDAC-Noida
6	Vinita Gupta	10 years	6 years	1. CEH 2. ISO 27001:2013 LA 3. “Vulnerability Assessment & Prevention” from CDAC-Noida
7	Akash Ahuja	10 years	4 years	1. CEH 2. “Vulnerability



				Assessment & Prevention" from CDAC-Noida
8	Kanishka Guha Biswas	6 years	4 years	1.Certified Application Security Engineer 2."Vulnerability Assessment & Prevention" from CDAC-Noida
9	Vasu Maurya	3 years	3 years	1. Certified Network Defender 2. "Vulnerability Assessment & Prevention" from CDAC-Noida
10	Pushpendra Kumar Chaudhary	15 years	4 years	1.Certified Application Security Engineer 2."Vulnerability Assessment & Prevention" from CDAC-Noida
11	Darshana Pandey	4 years	4 years	1. CEH 2."Vulnerability Assessment & Prevention" from CDAC-Noida
12	Joginder Shokeen	11 years	4 years	1.Certified Application Security Engineer 2."Vulnerability Assessment & Prevention" from CDAC-Noida
13	Sakshi Gupta	5 years	4 years	1.Certified Application Security Engineer 2."Vulnerability Assessment & Prevention" from CDAC-Noida
14	Aseem Kher	12 years	4 years	1.Certified Application Security Engineer 2."Vulnerability Assessment & Prevention" from CDAC-Noida
15	Rahul Jonwal	4 years	2 years	1. Redhat Certified Professional 2. Vmware Certified Professional

8. Specify Largest Project handled in terms of scope (in terms of volume, complexity, locations etc.) along with project value.

<b>Leading Power Sector Organization</b>	<p>The scope involved planning, organizing and scheduling ISMS (ISO 27001) based audits for a large power sector utility comprising of Generation, Transmission and Distribution units being managed by a common IT Dept. Managing a programme of ISMS audits involves planning, controlling and monitoring/overseeing it, through activities such as:</p> <ul style="list-style-type: none"> <li>Prioritizing, planning and outlining the scope of individual ISMS audits within the overall audit work programme, perhaps combining wide-scope superficial ISMS audits with more tightly-focused audits going to more depth on areas of particular concern (e.g. longstanding issues or significant risks)</li> <li>Allocating suitable resources to undertake planned</li> </ul>	<p>No. of Teams audited- <b>13</b></p> <p>Team Details- Delivery Excellence Enterprise Application Training Enterprise Application (SAP-ISU) Analytics &amp; Insights Enterprise Application - SAP Infosec / CISO HR Legal and Compliance</p>
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	<p>and approved audits (e.g. ensuring that ISMS auditors are trained, competent and motivated to do the work to a required level of quality)</p> <ul style="list-style-type: none"> <li>• Arranging or coordinating ISMS audits at multi-site organizations including multinationals and 'group' structures, where comparisons between the ISMSs in operation within individual business units can help share and promote good practices</li> <li>• Auditing the ISMSs of second parties such as suppliers and business partners (note: a second party's ISO/IEC 27001 certification from an accredited certification body may or may not provide sufficient assurance across all the areas of concern, for example there may be significant information risks or compliance implications arising from information services provided, or incidents and concerns may indicate issues that deserve exploring).</li> </ul> <p>Audit management activities include:</p> <ul style="list-style-type: none"> <li>• Gaining support from management to conduct the ISMS audit as proposed in outline, with their agreement in principle and authority to proceed with the detailed scoping and planning (which may lead to a further authorization step once finalized)</li> <li>• Supervising, guiding, motivating and supporting auditors, ensuring they follow accepted audit practices, conducting file reviews and proofreading draft reports</li> <li>• Reviewing and challenging unsubstantiated or notable findings e.g. playing the devil's advocate to explore the evidence, depth of analysis and nature of issues; proposing alternative explanations and potential recommendations; helping auditors evaluate the risks in the business context</li> <li>• Dealing with issues that jeopardize the audit assignment such as interpersonal problems, lack of engagement, delays, reluctance or refusal to supply essential information etc. (issues may be raised or escalated by anyone involved in the process)</li> <li>• Liaising with management, perhaps providing interim updates and setting expectations for the audit reporting phase.</li> </ul> <p>Various checkpoints considered during the audit are as listed below:</p> <ul style="list-style-type: none"> <li>• Need, importance, expectations, awareness of ISMS</li> <li>• Lists of procedures and policies</li> <li>• Statement of Applicability (SoA)</li> <li>• Risk assessment</li> <li>• Metrics to track the performance of Information Security Objectives</li> <li>• List of information assets</li> <li>• Business Continuity Plan and Disaster Recovery (BCP-DR Plan)</li> <li>• Incident Management</li> </ul>	<p>SAP Basis IT Infrastructure Physical &amp; e-Security Interaction with Secondary Data Centre team Top Management</p>
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9. List of Information Security Audit Tools used ( commercial/ freeware/proprietary):

**Commercial:**

Nessus Pro  
BurpSuite Professional  
Nexpose

**Freeware:**

ZAP  
Beef  
Kali Linux  
Nmap  
SQLMap

Nikto  
Metasploit  
Hydra  
Wireshark

10. Outsourcing of Project to External Information Security Auditors / Experts : Yes/ **No**  
( If yes, kindly provide oversight arrangement (MoU, contract etc.))
11. Whether organization has any Foreign Tie-Ups? If yes, give details : Yes/ **No**
12. Whether organization is a subsidiary of any foreign based organization? : Yes/ **No**  
If yes, give details
13. Locations of Overseas Headquarters/Offices, if any : Yes/ **No**

\*Information as provided by **Tata Power Delhi Distribution Ltd** on **28-July-2021**

**Back**

**Snapshot of skills and competence of CERT-In empanelled  
Information Security Auditing Organisation**

**M/s Amigosec Consulting Private Limited**

1. Name & location of the empanelled Information Security Auditing Organization:

**Amigosec Consulting Private Limited  
401, Shatrunjay,  
Divecha Complex, Edulji Road,  
Charai, Thane(w), Maharashtra - 400601.**

2. Carrying out Information Security Audits since : **2016**

3. Capability to audit, category wise (add more if required)

• Network security audit (Y/N)	: Yes
• Web-application security audit (Y/N)	: Yes
• Wireless security audit (Y/N)	: Yes
• Compliance audits (ISO 27001, IEC 62443, IEC 27019, PCI, etc.) (Y/N)	: Yes
• Finance Sector Audits (Swift, ATMs, API, Payment Gateway etc.) (Y/N)	: Yes
• ICS/OT Audits (Y/N)	: No
• Cloud security Audits (Y/N)	: Yes
• Mobile Application Security Audit (Y/N)	: Yes
• API Security Audit (Y/N)	: Yes
• Thick-client Application Security Audit (Y/N)	: Yes
• Firewall Rulebase Analysis (Y/N)	: Yes
• Security Audit Reviews (Y/N)	: Yes
• Network Penetration Testing (Y/N)	: Yes

4. Information Security Audits carried out in last 12 Months :

Govt.	: <b>0</b>
PSU	: <b>0</b>
Private	: <b>234</b>
Total Nos. of Information Security Audits done	: <b>234</b>

5. Number of audits in last 12 months , category-wise **(Organization can add categories based on project handled by them)**

Network security audit	: <b>102</b>
<b>(Multiple IPs)</b>	
External PT	: <b>2</b>
Internal VA	: <b>50</b>
Configuration Review	: <b>50</b>
Web-application security audit	: <b>68</b>
Wireless security audit	: <b>0</b>
Compliance audits (ISO 27001, IEC 62443, IEC 27019, PCI, etc.)	: <b>0</b>
Finance Sector Audits (Swift, ATMs, API, Payment Gateway etc.)	: <b>41</b>
ICS/OT Audits	: <b>0</b>
Cloud security Audits	: <b>0</b>
Mobile-application security audit	: <b>19</b>
Thick Client-application security audit	: <b>4</b>

6. Technical manpower deployed for informationsecurity audits :

CISSPs	: <b>0</b>
BS7799 / ISO27001 LAs	: <b>1</b>
CISAs	: <b>0</b>
DISAs / ISAs	: <b>0</b>
Any other information security qualification	: <b>4</b>
Total Nos. of Technical Personnel	: <b>5</b>

7. Details of technical manpower deployed for information security audits in Government and Critical sector organizations (attach Annexure if required)

S. No.	Name of Employee	Duration with <b>Amigosec Consulting Private Limited</b>	Experience in Information Security	Qualifications related to Information security
1	Ashish Rao	18-Aug-2014	13+ years	ISO27001 LA
2	Paresh Jain	18-Aug-2014	11+ years	Master's in computer and Information Security, C EH
3	Pooja Chavan	1-Dec-2018	2.8+ years	C EH
4	Vaibhav Raman	1-Nov-2019	2.9+ years	CPFA, CISC, C EH
5	Sidhvik Shivalkar	17-Nov-2020	2+ years	ECSA, CEH

8. Specify Largest Project handled in terms of scope (in terms of volume, complexity, locations etc.) along with project value.

**Leading NBFC Investment and Credit Company (NBFC-ICC) that deals in Financing of SMEs, Rural Micro Enterprises along with Loans for Vehicle, Home, Personal and Property with Pan India Presence:**

- We have been successfully managing application security program for a leading NBFC company of India.
- The scope included making an assessment plan for all the new applications introduced by the Technology teams and assess the business-critical application on a periodic basis. As a part of this engagement, we have dedicated security analysts and a project manager working with the Infosec team of the client.
- We have developed a robust security process to ensure that the applications are released with best security standards.
- The security assessment is done for all applications before they are released in product environment. And the team is guided for security best practices to be implemented based on the nature of application, technology stack and architecture.
- We also equip the application development teams with secure coding practices & methodologies.

**Project Highlights:**

- Assessed 92 Web, Mobile Apps and APIs in previous financial year
- Co-ordinated with 3rd party product vendors
- Recommended design level security controls for complex applications
- Conducted trainings for Web & Mobile app development teams
- Created a security framework for mobile applications
- Generated compliance reports for tracking & closures.

**Project Value:**

In 2020-2021: ~28 Lakh (in INR)

**NBFC Company that focuses on Consumer and MSME financing:**

- We conducted an annual vulnerability management engagement for an Asset Finance company of India. The scope of the project was to carry out security assessments of all their application assets and the IT infrastructure.
- A security assessment calendar was planned based on the business criticality and go-live schedules of the teams.
- In the initial phase our team was involved in creating security baseline documents for various servers and devices present in the client environment.
- Licensed security tools were installed and configured as per the client environment for the project.
- Periodic vulnerability scanning was conducted on monthly basis for critical assets. And adhoc assessments were scheduled and performed for newly onboarded IT assets.
- The applications that were audited involved Intranet as well as Internet facing ones. It included Line of Business applications integrated with 3rd party payment gateways and payment providers, HRMS applications, and APIs.
- The detailed reports were released for each security assessment and the vulnerabilities reported were tracked for closure with the IT teams. Re-assessments were carried out in a timely manner.

**Project Highlights:**

- Assessed 20 Applications including Web and Mobile
- Performed External PT for 140+ IPs
- Performed Internal VA (Adhoc) for over 400+ IPS

- Performed half-yearly Calendar VA for over 350+ IPs
- Built baseline audit checklists for Windows and Linux as per Client policies

**Project Value:** In 2020-2021: 15 Lakh (in INR)

9. List of Information Security Audit Tools used( commercial/ freeware/proprietary):

Tool name	Description	Type
<b>Nessus Professional Scanner</b>	For scanning vulnerabilities in server ports	Commercial
<b>Burp-suite Professional</b>	For Capturing Web Request & Response, and injecting attack payloads	Commercial
<b>SynVM</b>	For Centralized Vulnerability management	Proprietary
<b>Owasp ZAP</b>	For Capturing Web Request & Response, and injecting attack payloads	Freeware
<b>NMAP</b>	For Port Scanning	Freeware
<b>SQLMap</b>	For exploiting SQL injection parameters	Freeware
<b>DirBuster</b>	For identifying web directories present on the server	Freeware
<b>Nikto</b>	For scanning web server for security flaws related to configurations	Freeware
<b>WinHex</b>	For reading browser memory	Freeware
<b>Wireshark</b>	For network analysis	Freeware
<b>POSTMAN</b>	For Web services and API Testing	Freeware
<b>JD-GUI / DEX2JAR/ APKTOOL</b>	For Android Mobile App reverse engineering	Freeware
<b>Drozer</b>	For dynamic analysis of Mobile Application	Freeware
<b>MOBSF</b>	For static application security testing	Freeware
<b>Metasploit Framework</b>	For developing and executing exploit code for systematic vulnerabilities on networks and servers	Freeware
<b>Hydra/John the Ripper</b>	For password cracking	Freeware
<b>Nipper-ng</b>	For audits the security of network devices such as switches, routers, and firewalls	Freeware
<b>Netcat</b>	For reading from and writing to network connections using TCP or UDP	Freeware
<b>Aircrack-Ng</b>	For assess Wi-Fi network security	Freeware

10. Outsourcing of Project to External Information Security Auditors / Experts : No  
( If yes, kindly provide oversight arrangement (MoU, contract etc.))
11. Whether organization has any Foreign Tie-Ups? If yes, give details : No
12. Whether organization is a subsidiary of any foreign based organization? : No  
If yes, give details

13. Locations of Overseas Headquarters/Offices, if any

: No

\*Information as provided by **Amigosec Consulting Private Limited** on **30-July-2021**

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**Snapshot of skills and competence of CERT-In empanelled  
Information Security Auditing Organisation**

**M/s ANZEN Technologies Private Limited**

1. Name & location of the empanelled Information Security Auditing Organization:

**ANZEN Technologies Private Limited**

**A-429, Second Floor, Vashi Plaza, Sector 17, Vashi 400703**

**Mobile: +91 9821775814**

**www.anzentechnology.com**

2. Carrying out Information Security Audits since : **2016**

3. Capability to audit , category wise (add more if required)

• Network security audit	:	<b>Yes</b>
• Web-application security audit	:	<b>Yes</b>
• Wireless security audit	:	<b>Yes</b>
• Compliance audits (ISO 27001, PCI, HIPAA, GDPR, PDPB and NIST etc.)	:	<b>Yes</b>
• Compliance implementation end to end consultancy (ISO 27001, PCI, HIPAA, GDPR, PDPB and NIST etc.)	:	<b>Yes</b>
• Managed security services	:	<b>Yes</b>
• Risk assessment	:	<b>Yes</b>
• Mobile-application security audit	:	<b>Yes</b>
• Thick client-application security audit	:	<b>Yes</b>
• API security audit	:	<b>Yes</b>
• Micro service security audit	:	<b>Yes</b>
• Secure code review	:	<b>Yes</b>
• SAP security audit	:	<b>Yes</b>
• Red team assessment	:	<b>Yes</b>
• Firewall configuration audits	:	<b>Yes</b>
• Firewall rule review	:	<b>Yes</b>
• Network devices configuration audits (routers, switches)	:	<b>Yes</b>
• Server configuration audits	:	<b>Yes</b>
• Database configuration audits	:	<b>Yes</b>
• Cloud infrastructure security audits	:	<b>Yes</b>
• IOT device security audit	:	<b>Yes</b>
• AI/ML product security audit	:	<b>Yes</b>
• Reverse engineering	:	<b>Yes</b>
• Social engineering audits	:	<b>Yes</b>
• Phishing campaign	:	<b>Yes</b>
• Network architecture review	:	<b>Yes</b>
• Incident response	:	<b>Yes</b>
• Incident management	:	<b>Yes</b>
• Forensics investigation and analysis	:	<b>Yes</b>
• Threat hunting	:	<b>Yes</b>
• Defacement monitoring	:	<b>Yes</b>
• Network malware scan	:	<b>Yes</b>
• Information security trainings	:	<b>Yes</b>
• SOC consulting	:	<b>Yes</b>
• SIEM consulting	:	<b>Yes</b>
• Data Loss prevention implementation	:	<b>Yes</b>
• Firewall Implementation	:	<b>Yes</b>
• ATM Security solution	:	<b>Yes</b>
• Identity and access management	:	<b>Yes</b>
• MITRE ATT&CK Framework Implementation	:	<b>Yes</b>
• SSLDC Consulting	:	<b>Yes</b>
• Physical Security Audit	:	<b>Yes</b>

4. Information Security Audits carried out in last 12 Months:

Govt.	:	<b>0</b>
PSU	:	<b>0</b>



Private : **260+**  
Total Nos. of Information Security Audits done : **260+**

5. Number of audits in last 12 months , category-wise **(Organization can add categories based on project handled by them)**

Network security audit : 15+  
Web-application security audit : 75+  
Mobile Application Security Audit : 35+  
Wireless security audit : 1  
Compliance audits (ISO 27001, PCI, etc.) : 2  
Red Teaming : 2  
Firewall configuration audit : 90+  
Firewall rule review : 90+  
Network devices configuration audits (routers, switches) : 100+  
Server configuration audit : 100+  
Database configuration audit : 50+  
Incident response : 20  
Incident management : 6  
Secure code review : 30+  
Forensics : 6  
Reverse engineering : 25+

6. Cloud security Technical manpower deployed for information security audits :

CISSPs : **0**  
BS7799 / ISO27001 Las : **7**  
CISAs : **0**  
DISAs / ISAs : **0**  
Any other information security qualification : **11**

CEH : 10  
ITIL : 2  
Prince2 Foundation & Practitioner : 1  
Lean Six Sigma Green Belt : 1  
Symantec STS (DLP) : 1  
CCNA : 1  
Certified Network Defender : 1

Total Nos. of Technical Personnel : **13+**

7. Details of technical manpower deployed for information security audits in Government and Critical sector organizations (attach Annexure if required)

S. No.	Name of Employee	Duration with <b>ANZEN Technologies</b>	Experience in Information Security	Qualifications related to Information security
1	Ramesh Tendulkar	4 Years	25 Years	ISO 27001 LA , ITIL Foundation ,
2	Akshay Dixit	6 Years	10 Years	ISO 27001 LA
3	Pooja Chandarana	4 Years	5 Years	M. Tech (Information Security), CEH, ISO 27001 LA
4	Dheeraj Meher	3 Years	8 Years	CEH, ISO 27001 LA, Symantec STS (DLP)
5	Avinash Anand	3 Years	5 Years	ISO 27001 LA
6	Kushagra Krishnatrey	1.5 Year	1.5 Year	NIL
7	Esther Rani	6 Months	10 Years	ISO 27001 LA
8	Gaurav Pandey	4 Months	2.5 Years	CEH, ITIL
9	Bhushan Joshi	2 Years	5 Years	CEH, CND ,CCNA

8. Specify Largest Project handled in terms of scope (in terms of volume, complexity, locations etc.) along with project value.

- Multi-Crore ATM, Server Security Monitoring Project for BFSI Client across multiple locations in India.

- 1 Cr+ Value Entire Information Security Services Portfolio execution & management for Indian setup of global retail giant.

9. List of Information Security Audit Tools used(commercial/ freeware/proprietary):

Commercial	Freeware	Proprietary
Nessus Pro	BurpSuite	BRISK
R-Studio	Acunetix	Custom Virtual Machines
Acunetix	Owasp Zap	Audit Scripts
BurpSuite	Nmap	PhishMeister
Nipper Studio	Metasploit	
Netsparker	Netcat	
Checkmarx	Nikto	
Appknox	Wireshark	
Encase	Procmon	
Autopsy	Webinspect	
	Nessus (AWS)	
	Masscan	
	Recon-ng	
	apk tool	
	Drozer	
	d2j-dex2jar	
	jd-gui	
	KeyTool	
	JarSigner	
	ZipAlign	
	SoapUI (Community)	
	PostMan	
	Echo Mirage	
	Process Hacker	
	Regshot	
	Bizsploit	
	Mallory	
	JAVA Snoop	
	Interactive TCP Relay	
	WinHex tool	
	JetBrainsDotPeek	
	IDA Pro /Olly dbg	
	CFF Explorer	
	Searchsploit	
	SQL Map	
	Harvester	
	Sublister	
	Nipper Studio	
	Santoku VM	
	Android Studio	

10. Outsourcing of Project to External Information Security Auditors / Experts: **NO**  
( If yes, kindly provide oversight arrangement (MoU, contract etc.))

11. Whether organization has any Foreign Tie-Ups? If yes, give details: **NO**

12. Whether organization is a subsidiary of any foreign based organization?: **NO**  
If yes, give details

13. Locations of Overseas Headquarters/Offices, if any :

**NO**

\*Information as provided by ANZEN Technologies Pvt. Ltd. on 28 July 2021

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**Snapshot of skills and competence of CERT-In empanelled  
Information Security Auditing Organisation**

**M/s Attra Infotech Pvt. Ltd.**

1. Name & location of the empanelled Information Security Auditing Organization :

**Attra Infotech Pvt. Ltd,**  
No. 23 & 24, 2nd Floor, AMR Tech Park II, Hongasandra, Bengaluru – 560068

2. Carrying out Information Security Audits since : **<January 2018 >**

3. Capability to audit , category wise (add more if required)

• Network security Assessment(Y/N)	:	Yes
• Web-application security Assessment(Y/N)	:	Yes
• Wireless security Assessment(Y/N)	:	Yes
• Compliance audits (ISO 27001, PCI, etc.)(Y/N)	:	Yes
• Secure SDLC Review (Y/N)	:	Yes
• Secure Code Review (Y/N)	:	Yes
• API and Web services security assessment (Y/N)	:	Yes
• Mobile App Security Testing (Y/N)	:	Yes
• Payment Gateway Assessment(Y/N)	:	Yes
• Source Code Review (Y/N)	:	Yes
• Cloud Security Assessment (Y/N)	:	Yes

4. Information Security Audits carried out in last 12 Months :

Govt.	:	<b>&lt;number of&gt;</b>
PSU	:	<b>&lt;number of&gt;</b>
Private	:	<b>&lt;4&gt;</b>
Total Nos. of Information Security Audits done	:	<b>4</b>

5. Number of audits in last 12 months , category-wise (**Organization can add categories based on project handled by them**)

Network security audit	:	<b>&lt;1&gt;</b>
Web-application security audit	:	<b>&lt;2&gt;</b>
Wireless security audit	:	<b>&lt;None&gt;</b>
Mobile Application security audit	:	<b>&lt;1&gt;</b>
Compliance audits (ISO 27001, PCI, etc.)	:	<b>&lt;None&gt;</b>

6. Technical manpower deployed for information security audits :

CISSPs	:	<b>&lt;1&gt;</b>
BS7799 / ISO27001 LAs	:	<b>&lt;3&gt;</b>
CISAs	:	<b>&lt;None&gt;</b>
DISAs / ISAs	:	<b>&lt;None&gt;</b>
Any other information security qualification:		
CPISI	:	<b>&lt;3&gt;</b>
CEH	:	<b>&lt;2&gt;</b>
Total Nos. of Technical Personnel	:	<b>9</b>

7. Details of technical manpower deployed for information security audits in Government and Critical sector organizations (attach Annexure if required)

S. No.	Name of Employee	Duration with <Attra Infotech>	Experience in Information Security	Qualifications related to Information security
1	Lakshmikanth Reddy Gajjala	2.4	14	CISSP, ISO 27001 Lead Auditor
2	Bharadwaj	4.9	8	CEH

	Doddaballapur Jagannath			
3				Certified Information Security Risk Assessor, Certified Payment Card Security Implementer, Certified Business Continuity Management Assessor, and Certified Data Security Control Assessor
	Riaz Kakroo	2.9	20	
4	Deepika Wadhvani	10.6	10.6	CPISI, ISO27001 LA, ISO31000
5	Harish Eshwarappa	6.4	6.4	CPISI , Certified risk professional, Purusing ISO 27001 LA
6				CEH, Nessus Certificate of Proficiency, Tenable.io Certificate of Proficiency, (OSCP)
	Sabareesh VK	2.7	2.7	
7	Vinoth KR	2.3	2.3	(OSCP)
8	Jeshu Rai	4.5	4.5	CPISI, Trained in CCNA
9	H Manohar Rayker	0.3	6.5	Pursuing CISSP

8. Specify Largest Project handled in terms of scope (in terms of volume, complexity, locations etc.) along with project value.

Web and Mobile applications security audit for European largest card processing and payment services provider comprising of -

- Multiple complex web application involving merchant onboarding, card Acquiring & Issuing, End-user and Salesforce Applications with various user access levels
- Mobile applications (Android and iOS variants) for Merchants onboarding and self-service modules for transactions
- Internal web applications for backend interface, monitoring, and admin activities
- Total Project Value = 2.75 Million USD (Security testing was a large part of the overall project)

9. List of Information Security Audit Tools used ( commercial/ freeware/proprietary):

Commercial	Proprietary	Opensource
<ul style="list-style-type: none"> <li>• Rapid7 InsightVM</li> <li>• Nessus Professional</li> <li>• Burp Suite Professional</li> <li>• Nipper Studio</li> <li>• ManageEngine</li> <li>• Darktrace Antigena</li> <li>• Fortinet</li> <li>• McAfee</li> <li>• Symantec</li> </ul>	<ul style="list-style-type: none"> <li>• CyberSecurus</li> <li>• Phishing simulator</li> <li>• Custom scripts and codes developed on need basis</li> </ul>	<ul style="list-style-type: none"> <li>• Nmap</li> <li>• Sqlmap</li> <li>• OWASP Zed Attack Proxy</li> <li>• Nikto web scanner</li> <li>• Weevely</li> <li>• Dirbuster</li> <li>• Metasploit</li> <li>• NetCat</li> <li>• W3af</li> <li>• Wireshark</li> <li>• exploit-db</li> <li>• Aircrack-ng</li> <li>• Cain and Able</li> <li>• SSLstrip</li> <li>• MobSF</li> <li>• Wazuh</li> <li>• Suricata</li> <li>• Firewalk</li> <li>• Httprecon</li> <li>• Curl</li> <li>• Kali Linux</li> <li>• Firefox browser and add-ons</li> </ul>

10. Outsourcing of Project to External Information Security Auditors / Experts : No  
( If yes, kindly provide oversight arrangement (MoU, contract etc.))

11. Whether organization has any Foreign Tie-Ups? If yes, give details : No

12. Whether organization is a subsidiary of any foreign based organization? : Yes  
Attra Infotech Pty Ltd

13. Locations of Overseas Headquarters/Offices, if any : Yes

Australia— Headquarters

Level 4, Suite 4  
990 Whitehorse Road  
Box Hill, Vic – 3128  
Australia  
Phone: +61 3 9895 0555

\*Information as provided by <Attra Infotech Pvt. Ltd> on <30-July-2021>

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**Snapshot of skills and competence of CERT-In empanelled  
Information Security Auditing Organisation**

**M/s Aujas Cybersecurity Limited**

1. Name & location of the empanelled Information Security Auditing Organization:

**Aujas Cybersecurity Limited (Previously known as Aujas Networks Ltd)**

**Bengaluru, Karnataka**

2. Carrying out Information Security Audits since : **2008**

3. Capability to audit , category wise (add more if required)

- Network security audit - **Y**
- Web-application security audit - **Y**
- Wireless security audit - **Y**
- Compliance audits (ISO 27001, IEC 62443, IEC 27019, PCI, etc.) - **Y**
- Finance Sector Audits (Swift,ATMs, API, Payment Gateway etc.) - **Y**
- ICS/OT Audits - **N**
- Cloud security Audits - **Y**

4. Information Security Audits carried out in last 12 Months :

Govt. : **03**  
 PSU : **01**  
 Private : **165+**  
 Total Nos. of Information Security Audits done : **170+**

5. Number of audits in last 12 months, category-wise (**Organization can add categories based on project handled by them**)

Network security audit : **25+**  
 Web-application security audit : **100+**  
 Wireless security audit : **5+**  
 Compliance audits (ISO 27001, IEC 62443, IEC 27019, PCI, etc.) : **25+**  
 Finance Sector Audits (Swift,ATMs, API, Payment Gateway etc.) : **10+**  
 ICS/OT Audits : **0**  
 Cloud securityAudits : **5+**

6. Technical manpower deployed for informationsecurity audits:

CISSPs : **11**  
 BS7799 / ISO27001 LAs : **40**  
 CISAs : **08**  
 DISAs / ISAs : **0**  
 Any other information security qualification:  
 CEH - **115+**  
 OSCP - **20+**  
 OSWP - **6**  
 Total Nos. of Technical Personnel : **685+**

7. Details of technical manpower deployed for information security audits in Government and Critical sector organizations (attach Annexure if required)

S. No.	Name of Employee	Duration with <Aujas Cybersecurity Ltd.>	Experience in Information Security	Qualifications related to Information security
1	A Memane	3.3	5.7	CEH
2	Balaji G	1.7	4.1	CEH
3	B Reddy	3.6	7.7	CEH
4	Irfan Y	3.5	9.3	CEH, Azure fundamentals
5	K Manoharan	2.7	5.5	OSWP, CPISI
6	Aniket L	2.5	6.3	CEH, CHFI, ECSA,

				OSCP
7	Bimal S	1.9	4.1	CRTE, OSCP
8	M Yusuf	0.2	3.8	CEH, ECSA
9	I John	1.7	6.3	CEH, Qualys certified vulnerability management
10	P Nigam	0.5	5.6	

8. Specify Largest Project handled in terms of scope (in terms of volume, complexity, locations etc.) along with project value.

One of the largest private banks in India (client name cannot be disclosed as we signed NDA with client)

We performed security assessment of around 300 applications including web Applications, SOAP & REST web Services & Android & iOS mobile applications. We also performed architecture review of web & cloud-based applications as well as of the infrastructure.

9. List of Information Security Audit Tools used ( commercial/ freeware/proprietary):

Name	Description
<b>Open-Source Tools</b>	
Kali Linux	Security Testing platform
Paros	HTTP/S Interception Proxy
Nikto	HTTP/S Interception Proxy
OWASP ZAP	Web Vulnerability Scanner
Cookie Editor	Firefox Plug-in to Edit Cookies
Dirbuster	brute-force the directories
SQL Map	SQL injection Framework
Beef	XSS scanner and exploitation framework
Nmap	Port Scanner, Fingerprinting
Dbeaver	Universal Database tool
WinHex	Cache / Ram Memory reader
John the Ripper	Unix and Windows Password Analyzer
Metasploit	Exploitation tool
SOAP UI	Web service proxy tool
Postman	Web Service proxy tool
SSL Strip	SSL stripping proxy
Wireshark	Packet Analyzer
Hex Editors	Manipulation of binary data
Android SDK	Administration tools for SQL Database
Apk tool	Reverse Engineering of APK files
hextojar	Conversion of Hex to Jar
Charles	Web debugging proxy
Fiddler	HTTP debugging proxy server application
xcode	Integrated Development Environment
SQLite Manager	Relational database management system
Android tamer	Android security testing platform
Disassembler	Machine language to assembly language translator
Drozer	Android exploit Framework
ADB	Android testing Framework
<b>Commercial Tools</b>	
Burp Suite Pro	Web Vulnerability Scanner & Interceptor
Acunetix	Web Scanner Tool
Nessus Professional	Vulnerability Assessment
Nipper	Firewall & Network Configuration Audit Tool
<b>Proprietary Tool</b>	
Phishnix	Phishing Simulation

10. Outsourcing of Project to External Information Security Auditors / Experts : No  
( If yes, kindly provide oversight arrangement (MoU, contract etc.))

11. Whether organization has any Foreign Tie-Ups? If yes, give details : No

12. Whether organization is a subsidiary of any foreign based organization? : No  
If yes, give details

13. Locations of Overseas Headquarters/Offices, if any : Yes



<b>San Francisco Metro Area</b>	19925 Stevens Creek Blvd. Suite #100, Cupertino, CA 95014, United States of America.
<b>New York Metro Area</b>	2500, Plaza 5, Harborside Financial Center, Jersey City, NJ 07311, United States of America.
<b>Dallas Fort Worth Metro Area</b>	5700 Granite Pkwy, Suite 200, Plano, TX 75024, United States of America.
<b>Ottawa Gatineau Cybersecurity Cluster</b>	400–1565 Carling Avenue, Ottawa, Ontario K1Z 8R1, Canada.
<b>UAE</b>	Saif Suite Z1-66, P.O. Box 121421, Sharjah, United Arab Emirates.
<b>KSA</b>	WH01-04, Digital City, Second Floor, Unit 11, Riyadh, Saudi Arabia.

\*Information as provided by **Aujas Cybersecurity Limited (Previously known as Aujas Networks Ltd)** on **2<sup>nd</sup> Aug 2021**.

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**Snapshot of skills and competence of CERT-In empanelled  
Information Security Auditing Organisation**

**M/s CEREIV Advisory LLP**

1. Name & location of the empanelled Information Security Auditing Organization:

**CEREIV Advisory LLP,  
Chembakam Building, Koratty Infopark, Thrissur Dt, Kerala – 680 308  
(Previously Known as ValueMentor Consulting LLP and on 10/06/2019 name changed to  
CEREIV Advisory LLP)**

2. Carrying out Information Security Audits since : **<2013>**

3. Capability to audit, category wise (add more if required)

- Network security audit(Y/N)
- Web-application security audit (Y/N)
- Wireless security audit(Y/N)
- Compliance audits (ISO 27001, IS Audit, etc.) (Y/N)
- Mobile Application Audit (Y/N)
- Thick/Thin Client Audit (Y/N)
- API Testing(Y/N)

4. Information Security Audits carried out in last 12 Months:

Govt clients.	:	<b>50</b>
PSU clients	:	<b>2</b>
Private clients	:	<b>47</b>
Total Nos. of Information Security Audits done	:	<b>99</b>

5. Number of audits in last 12 months, category-wise (**Organization can add categories based on project handled by them**)

Network security audit	:	<b>10</b>
Web-application security audit	:	<b>58</b>
Wireless security audit	:	<b>0</b>
Compliance audits (IS Audit, etc.)	:	<b>11</b>
Mobile Application Audit	:	<b>17</b>
Thick/Thin Client Audit	:	<b>1</b>
API Testing	:	<b>2</b>

6. Technical manpower deployed for information security audits:

CISSPs	:	<b>3</b>
BS7799 / ISO27001 LAs	:	<b>3</b>
CISAs	:	<b>5</b>
DISAs / ISAs	:	<b>0</b>
Any other information security qualification	:	<b>11</b>
Total Nos. of Technical Personnel	:	<b>11</b>

7. Details of technical manpower deployed for information security audits in Government and Critical sector organizations (attach Annexure if required)

S. No.	Name of Employee	Duration with <CEREIV Advisory LLP>	Experience in Information Security	Qualifications related to Information security
1	Binoy Koonammavu	8.5 Years	15+ Years	CISSP, CISA, CISM, CRISC, SBCI
2	Balakrishnan Alingal	6.5 Years	20+ Years	CISSP, CISA, CISM, ISO 27001 LA
3	Jobbin Thomas	8.5 Years	15+ Years	CISSP, CISA, ISO 27001: 2013 LA
4	Angela Maria	8.5 Years	14+ Years	CISA, CISM, ISO 27001

	Paulson			LA
5	Renjith T C	7.5 Years	7.5 Years	OSCP, CREST Practitioner Security Analyst, CREST CRT, AUSE
6	Sandeep Rajan	7 Months	6 Years	CISA, ISO 27001 LI
7	Melbin Mathew	4.5 Months	2 Years	CEH, OSCP, EU GDPR
8	Nikhil Tony	1.9 Years	1.9 Years	CEH, ISO 27001 LI
9	Aravind Murali	1.8 Years	1.8 Years	CEH, ECSA
10	Mohammed Faris	1.8 Years	1.8 Years	CEH
11	Hemant Boban	1.8 Years	1.8 Years	CEH

8. Specify Largest Project handled in terms of scope (in terms of volume, complexity, locations etc.) along with project value.

**Client Name** – Perfect Software Solutions Pvt Ltd

**Scope** – Web Application VAPT

**Scope in Detail:**

- No of Application and Name of Application – 1, SCORE – Smart core Banking
- Number of Dynamic pages – 690
- Number of static pages –4
- Number of login systems - 1
- Number of Input forms – 690
- Number of Input Fields – 6000
- Roles- Normally 2. Maker, Checker.Multiple User defined Roles like Administrator, Manager, etc.
- API - 4 Web services

**Project Value**–INR 2,30,000.00

9. List of Information Security Audit Tools used (commercial/ freeware/proprietary):

<b><u>Network security audit</u></b> Nessus Professional Kali Linux tools Metasploit Framework WireShark Nipper Nmap Masscan Bloodhound Hping2 Script Ike - scan Impacket Tools In-house scripts Nishang Nmap Script Nuclei OpenVAS PowerSploit PowerUp PowerView SMBClient SMBMap SNMPWalk	<b><u>Web-application security audit</u></b> Accunetix Vulnerability Scanner Burp Professional Scanner Browser Addons BruteSpray Dirbuster DNSRecon DotDotpwn Exploitdb Gobuster Hashcat In-house scripts John the Ripper Johnny Kali Linux tools Metasploit Framework Nikto SecLists SQLMap ssllscan WP-Scanner Zaproxy Zed Attack Proxy (ZAP)
<b><u>Wireless security audit</u></b> Aircrack AirSnort Cain & Abel Fern Wifi Kali Linux tools	<b><u>Mobile Application Audit</u></b> 3utools Android Debug Bridge APKTool Burp Professional Cydia dex2jar Drozer Exposed Fremework Frida GenyMotion Kali Linux tools Libertylite MobSF

	QARK RMS Framework RootCloak SSLBypass SSLKilSwitch SSLUnpinning
<b><u>Thick/Thin client Audit</u></b> Burp Professional CFF Explorer DIE Tool Echo Mirage IDA Debugger ITR Kali Linux tools Proccess Monitor Process Hacker RegShot WinHex Wireshark	

10. Outsourcing of Project to External Information Security Auditors / Experts : Yes/**No**  
( If yes, kindly provide oversight arrangement (MoU, contract etc.))
11. Whether organization has any Foreign Tie-Ups? If yes, give details : Yes/**No**
12. Whether organization is a subsidiary of any foreign based organization? : Yes/ **No**  
If yes, give details
13. Locations of Overseas Headquarters/Offices, if any : Yes/**No**

\*Information as provided by <**CEREIV Advisory LLP**> on <**02-8-2021**>

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**Snapshot of skills and competence of CERT-In empanelled  
Information Security Auditing Organisation**

**M/s Hewlett Packard Enterprise India Pvt Ltd.**

1. Name & location of the empanelled Information Security Auditing Organization :

Hewlett Packard Enterprise India Pvt Ltd,  
#24, Salarpuria Arena, Hosur Main Road, Adugodi, Bangalore-560030, India.

2. Carrying out Information Security Audits since : **2012**

3. Capability to audit , category wise (add more if required)

- Network security audit (Y/N) : **Yes**
- Web-application security audit (Y/N) : **Yes**
- Wireless security audit (Y/N) : **Yes**
- Compliance audits (ISO 27001, IEC 62443, IEC 27019, PCI, etc.) (Y/N) : **Yes**
- Finance Sector Audits (Swift,ATMs, API, Payment Gateway etc.) (Y/N) : **Yes**
- ICS/OT Audits (Y/N) : **Yes**
- Cloud security Audits (Y/N) : **Yes**

4. Information Security Audits carried out in last 12 Months :

Govt. : **2**  
PSU : **1**  
Private : **3**  
Total Nos. of Information Security Audits done : **6**

5. Number of audits in last 12 months , category-wise (**Organization can add categories based on project handled by them**)

Network security audit : **3**  
Web-application security audit : **3**  
Wireless security audit : **1**  
Compliance audits (ISO 27001, IEC 62443, IEC 27019, PCI, etc.) : **1**  
Finance Sector Audits (Swift,ATMs, API, Payment Gateway etc.) : **1**  
ICS/OT Audits : **2**  
Cloud security Audits : **1**

6. Technical manpower deployed for informationsecurity audits :

CISSPs : **5**  
BS7799 / ISO27001 LAs : **3**  
CISAs : **6**  
DISAs / ISAs : **0**  
Any other information security qualification : **10**  
Total Nos. of Technical Personnel : **23**

7. Details of technical manpower deployed for information security audits in Government and Critical sector organizations (attach Annexure if required)

S. No.	Name of Employee	Duration with <b>&lt;organization&gt;</b>	Experience in Information Security	Qualifications related to Information security
1	Suhas Nayak	3	9 years	CEH, pursuing CRTP
2	Malligarjunan Easwaran	10	15 years	Pursuing CISA
3	Suhas V	4	2 years	CEH
4	Suhas Shivanna	16	10 years	CISSP/CEH
5	Kishore Lakshman	14	3.5 years	CEH
6	Nishant Rawtani	5	4.5 years	CEH
7	Supriya Kamthania	7	4.5 years	CEH
8	Dhruvil Shah	2	13 years	ECSP
9	Brahmaji Potluri	17	7 years	CEH
10	Anoop Chandra B N	5	3.5 years	CEH

11	Ragashree M C	3	1.5 years	Pursuing CEH
12	Sujith Emmanuel	7	5 years	CEH
13	Rakshith S	3	1 year	Pursuing CEH
14	Shivakanth	11	6 years	CEH
15	Elayaraja	15	3 years	CISA

8. Specify Largest Project handled in terms of scope (in terms of volume, complexity, locations etc.) along with project value.

Customer Name: Largest Automobile Manufacturer, Europe.

Volume: 20000+ IP's for VAPT / Vulnerability Management

Complexity: Project includes security assessment of Web, Network devices and Server infrastructure. It is a Multi-geo project been delivered from different HPE locations.

Locations: 4 countries across WW.

Project value: > \$10Mn

Customer Name: Largest Defence Manufacturing Organization, India

Volume: 500+ IP's for VAPT

Complexity: Project includes security assessment of Web, Network devices and Server infrastructure.

Locations: 9 locations within India.

Project value: \$2.5Mn

9. List of Information Security Audit Tools used ( commercial/ freeware/proprietary):

- a. Burpsuite Pro
- b. Tenable Nessus
- c. Qualys Guard Scanner
- d. Metasploit Pro
- e. HCL AppScan
- f. HPE Armor
- g. nMap
- h. DirBuster
- i. Nikto
- j. Hydra
- k. Johntheripper
- l. Maltego
- j. SQLmap
- k. PadBuster
- l. Wfuzz
- m. WPscan
- n. Airbase-ng
- o. Aircrack-ng
- p. Airodump-ng

10. Outsourcing of Project to External Information Security Auditors / Experts : **Yes**  
( If yes, kindly provide oversight arrangement (MoU, contract etc.))

11. Whether organization has any Foreign Tie-Ups? If yes, give details : **Yes**

12. Whether organization is a subsidiary of any foreign based organization? : **No**  
If yes, give details

13. Locations of Overseas Headquarters/Offices, if any : **Yes**

**Hewlett Packard Enterprise**  
**6280 America Center Dr.**  
**San Jose**  
**California**  
**95002**  
**United States**

\*Information as provided by **Hewlett Packard Enterprise India Pvt Ltd** on **29-Jul 2021**

**Snapshot of skills and competence of CERT-In empanelled  
Information Security Auditing Organisation**

**M/s Innovador Infotech Private Limited**

1. Name & location of the empanelled Information Security Auditing Organization:

**Innovador Infotech Private Limited**

**Corporate Office:**

1128, Ahmamau, Opposite Walmart Best Price,  
Shaheed Path, Arjunanj, Lucknow - 226002  
(Uttar Pradesh)

**Tel:** +91-8896605755, +91-7080259900, +91-9076239906

**Email ID** – contact[at]innovadorinfotech[dot]com  
Pentest[at]innovadorinfotech[dot]com

2. Carrying out Information Security Audits since : **2013**

3. Capability to audit, category wise (add more if required)

• Network security audit	:	<b>Yes</b>
• Web-application/API security audit	:	<b>Yes</b>
• Wireless security audit	:	<b>Yes</b>
• Compliance audits (ISO 27001, PCI, etc.)	:	<b>Yes</b>
• IT Infrastructure Audits	:	<b>Yes</b>
• Mobile Application security audit	:	<b>Yes</b>
• Thick Client Application security audit	:	<b>Yes</b>
• Payment Gateway Audit	:	<b>Yes</b>
• IT Risk Assessment	:	<b>Yes</b>
• UIDAI AUA/KUA Audit	:	<b>Yes</b>
• Vulnerability Assessment and Management	:	<b>Yes</b>
• Penetration Testing (Web/Network/Infra)	:	<b>Yes</b>
• Cyber Crime Investigation	:	<b>Yes</b>
• Cyber Forensics Investigation (Mobile Forensics, Computer Forensics, Audio/Video Forensics, Network Forensics, CDR & IPDR Analysis, Email Forensics etc.):	:	<b>Yes</b>
• Credit/Debit Card Fraud Investigation	:	<b>Yes</b>
• VOIP Fraud Investigation	:	<b>Yes</b>
• IT Security Consulting Services	:	<b>Yes</b>
• Information Security Awareness / Cyber Crime Investigation Trainings:	:	<b>Yes</b>
• OWASP Top 10 Awareness Training	:	<b>Yes</b>
• Social Engineering	:	<b>Yes</b>
• Threat Modeling	:	<b>Yes</b>
• Operational Technology (OT) Audits	:	<b>Yes</b>
• SCADA & Critical IT Infrastructure Audits	:	<b>Yes</b>

4. Information Security Audits carried out in last 12 Months:

Govt.:	<b>10+</b>
PSU:	<b>0</b>
Private:	<b>50+</b>
Total Nos. of Information Security Audits done:	<b>60+</b>

5. Number of audits in last 12 months, category-wise (**Organization can add categories based on project handled by them**)

Network security audit	:	<b>10+</b>
Web-application security audit	:	<b>20+</b>
Wireless security audit	:	<b>2</b>
Mobile Application Security Assessment	:	<b>2</b>
Penetration Testing	:	<b>15+</b>
Cyber Crime Investigation	:	<b>20+</b>
Compliance audits (ISO 27001, PCI, etc.)	:	<b>2</b>

IT Infrastructure Audit	:	<b>1</b>
Web API Security Audit	:	<b>2</b>
UIDAI AUA/KUA Audit	:	<b>1</b>
SBI Vendor Site Compliance Certificate (SBI VSCC)	:	<b>1</b>

6. Technical manpower deployed for information security audits:

OSCP:	<b>3</b>
BS7799 / ISO27001 LAs:	<b>1</b>
CEH:	<b>6</b>
Any other information security qualification:	<b>5</b>
Total Nos. of Technical Personnel:	<b>10+</b>

7. Details of technical manpower deployed for information security audits in Government and Critical sector organizations (attach Annexure if required)

S. No.	Name of Employee	Duration with Innovator Infotech	Experience in Information Security	Qualifications related to Information security
1.	Rahul Mishra (Technical Director – Information Security)	8+ Yrs	10+ Yrs	Certification in Ethical Hacking & Penetration Testing
2.	Minhal Mehdi (Security Consultant)	6+ Yrs	6+ Yrs	OSCP, CEH, Certified Information Security Expert
3.	Chatak Vajpayee (Security Analyst)	3+ Yrs	6+ Yrs	CEH
4.	Neha Garg (Sr Security Consultant)	4+ Yrs	9+ Yrs	OSCP, CEH
5.	Virender Nishad (Sr Security Analyst)	3+ Yrs	6+ Yrs	CEH

8. Specify Largest Project handled in terms of scope (in terms of volume, complexity, locations etc.) along with project value.

One of the leading technical institute: 50+ Network Devices, 10+ Web Applications, 500+ IP Addresses, Configuration Review. Value of the Project was approx. 10 Lacs.

9. List of Information Security Audit Tools used (commercial/ freeware/proprietary):

Commercial	Freeware	Proprietary
Burp Suite Professional Tenable Nessus	Metasploit OWASP ZAP Nmap, Superscan and Fport Metasploit framework, Netcat  BeEF, Cain & Abel, Hydra, John the ripper  Aircrack-ng, Kismet  Nikto, OpenVAS, w3af, SQLMap, wp-scan  Kali Linux	In-house developed scripts and tools

10. Outsourcing of Project to External Information Security Auditors /Experts: **No**  
(If yes, kindly provide oversight arrangement (MoU, contract etc.)

11. Whether organization has any Foreign Tie-Ups? If yes, give details: **No**

12. Whether organization is a subsidiary of any foreign based organization? **No**  
If yes, give details



13. Locations of Overseas Headquarters/Offices, if any:

**No**

*\*Information as provided by Innovador Infotech Private Limited on Dec17, 2021*

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**Snapshot of skills and competence of CERT-In empanelled  
Information Security Auditing Organisation**

**M/s Kratikal TechPrivate Limited**

1. Name & location of the empanelled Information Security Auditing Organization:

**Kratikal TechPrivate Limited  
A-130, Second Floor, Sector 63, NOIDA, Uttar Pradesh - 201301**

2. Carrying out Information Security Audits since : **2013**

3. Capability to audit, category wise (add more if required)

• Network security audit (Y/N)	<b>YES</b>
• Vulnerability Assessment & Penetration Testing (Y/N)	<b>YES</b>
• Web-application security audit (Y/N)	<b>YES</b>
• Phishing Simulation Exercise (Y/N)	<b>YES</b>
• Wireless security audit (Y/N)	<b>YES</b>
• Source Code Review (Y/N)	<b>YES</b>
• Mobile Application Audit (Y/N)	<b>YES</b>
• Information Systems Audit (Y/N)	<b>YES</b>
• IT Risk Assessment (Y/N)	<b>YES</b>
• Formulation of IT policies & Procedures (Y/N)	<b>YES</b>
• ERP Audit (SAP, etc.) (Y/N)	<b>YES</b>
• Configuration Analysis and Auditing (Y/N)	<b>YES</b>
• API Security Audit (Y/N)	<b>YES</b>
• Thick Client Security Audit(Y/N)	<b>YES</b>
• Cloud Security Audit(Y/N)	<b>YES</b>

4. Information Security Audits carried out in last 12 Months:

Govt.	:	<b>0</b>
PSU	:	<b>0</b>
Private	:	<b>63+</b>
Total Nos. of Information Security Audits done	:	<b>63+</b>

5. Number of audits in last 12 months , category-wise (**Organization can add categories based on project handled by them**)

Network security audit	<b>41+</b>
Web-application security audit	<b>130+</b>
Mobile Application Audit	<b>40+</b>
Phishing Simulation Exercise	<b>127+</b>
Wireless security audit	<b>1+</b>
Source Code Review	<b>11+</b>
ERP Audit (SAP, etc.)	<b>3+</b>
Configuration Analysis and Auditing	<b>31+</b>
Thick Client Security Audit	<b>4+</b>
API Security Testing	<b>5+</b>
Cloud Security Audit	<b>10+</b>

6. Technical manpower deployed for informationsecurity audits:

CISSPs	:	<b>0</b>
BS7799 / ISO27001 LAs	:	<b>0</b>
CISAs	:	<b>0</b>
ISCP	:	<b>11</b>
CEH	:	<b>3</b>
DISAs / ISAs	:	<b>0</b>
Any other information security qualification	:	<b>2</b>
Total Nos. of Technical Personnel	:	<b>12</b>

7. Details of technical manpower deployed for information security audits in Government and Critical sector organizations (attach Annexure if required)

S. No.	Name of Employee	Profile of Employee	Duration with Kratikal Tech Pvt Ltd	Experience in Information Security	Qualifications related to Information security
1	Pavan Kumar	CEO	7 year(s) 8 month(s)	7.5	B. Tech, ISCP
2	Paratosh Kumar	CTO	7 year(s) 8 month(s)	7.5	B. Tech (CSE), CCNA(Training), ISCP
3	Archit Jain	Sr. Security Analyst	3 year(s)	3	MCA, BCA, ISCP
4	Jai Prajapati	Sr. Security Analyst	2 year(s) 11 month(s)	5	PG- Cyber Security, BCA, ISCP, CEH
5	Anjali Chauhan	Security Analyst	2 year(s) 11 month(s)	3.5	BCA, ISCP, AD-Cyber Security
6	Rishabh Sahni	Security Analyst	2 year(s) 7 month(s)	3	MCA, BCA, CEH, ISCP
7	Niraj Kumar	Security Analyst	2 year(s)	2	BSc (IT), CCNA(Training), MCSA(Training), VMware((Training)), ISCP
8	Vinay Kardam	Security Analyst	2 year(s) 2 month(s)	2.5	B. Tech (CSE), ISCP
9	Samir Ahmad Malik	Security Analyst	11 month(s)	2	B. Tech (IT), ISCP
10	Madhur Jain	Security Analyst	4 Month(s)	1	B.E. (Mech), ISCP
11	Nilesh Patil	Security Analyst	6 Month(s)	1	BCA, CEH
12	Shaquib Izhar	Security Analyst	3 Month(s)	2	Diploma in computer engineering

8. Specify Largest Project handled in terms of scope (in terms of volume, complexity, locations etc.) along with project value.

India's Leading Infrastructural Company	Web application Security assessment, Internal and external Network Penetration Testing and Security configuration review for two of their Major infrastructure within the country. The scope of work includes security audit of Web applications, SOAP web services, IPs, devices configuration, Phishing Simulation Exercise, incident response service. The Project value was 30 Lacs Annually
India's Leading Ecommerce Company	Web Application and Mobile Application secure code review, Web application Penetration Testing, IT Infrastructure Penetration Testing, Phishing and Ransomware simulation services, Security Awareness training services for their Organisation. The scope of work includes security audit of web application subdomains, web applications, Firewalls, Network Devices, switches, Web servers, security awareness and phishing simulation for 2000 employees of the organisation. The Project value was 40 Lacs Annually

9. List of Information Security Audit Tools used(commercial/ freeware/proprietary):

Information Gathering	Mapping	Vulnerability Assessment	Exploitation
1. Dnsenum	1. Nmap	1. Nessus Professional	1. Metasploit
2. Dig	2. Ike-scan	2. Netsparker	2. John the Ripper
3. Whois	3. Dirbuster	3. Wp-scan	3. Hostapd
4. Wget	4. Openssl	4. JoomlaScan	4. Fluxion
5. Maltego	5. Sslscan	5. OpenVas	5. W3af
6. Google Advanced search	6. Netcat	6. Nikto	6. Sqlmap
7. Shodan.io	7. Jwtdcat	7. Burp suite professional	7. Routersploit
8. Cloudenum	8. Traceroute	8. SOAPUI	8. BeEF Framework
9. Ffuf	9. Enum4linux	9. Acunetix Web Scanner	9. Hydra

10. Sublister	10. Angry IP Scanner	10. Vega	10. Custom Python Scripts
11. Crt.sh	11. Wireshark	11. Qualys	11. Drozer
12. Mxttoolbox	12. Ettercap	12. Prowler	12. ADB
13. Github		13. Scoutsuite	
14. Wappalyzer		14. MobSF	
15. ProcMon		15. Nipper	
16. Process Hacker			
17. SysInternal suite			
19. DotPeak			
20. Cffexplorer			
21. Jwt.io			

10. Outsourcing of Project to External Information Security Auditors / Experts: **No**  
( If yes, kindly provide oversight arrangement (MoU, contract etc.))

11. Whether organization has any Foreign Tie-Ups? If yes, give details: **No**

12. Whether organization is a subsidiary of any foreign based organization?: **No**  
If yes, give details

13. Locations of Overseas Headquarters/Offices, if any: **No**

\*Information as provided by **Kratikal Tech Private Limited** on **20-July-2021**

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**Snapshot of skills and competence of CERT-In empanelled  
Information Security Auditing Organisation**

**M/s HackIT Technology and Advisory Services**

1. Name & location of the empaneled Information Security Auditing Organization:

HackIT Technology and Advisory Services, Kochi, Kerala

2. Carrying out Information Security Audits since : **2012**

3. Capability to audit, category wise (add more if required)

- Network security audit : (Y)
- Web-application security audit : (Y)
- Wireless security audit : (Y)
- Red Teaming : (Y)
- Smart Contract Audit
- Attack Surface Discovery : (Y)
- Compliance audits (ISO 27001) : (Y)
- ISMS, Regulatory/Statutory Requirements Consultancy : (Y)
- Telecom Security Audit : (Y)
- IOT Security Audit : (Y)

4. Information Security Audits carried out in last 12 Months:

Govt. : **1**  
Private : **6**  
Total Nos. of Information Security Audits done : **12**

5. Number of audits in last 12 months, category-wise (**Organization can add categories based on project handled by them**)

Network security audit : **1**  
Web-application security audit : **7**  
Android Application Security Audit : **2**  
Wireless security audit : **0**  
Compliance audits (ISO 27001, PCI, etc.) : **1**

6. Technical manpower deployed for information security audits:

CISSPs : **3**  
BS7799 / ISO27001 LAs : **2**  
OSCP - **3**  
OSCE - **1**  
CISM : **2**  
Any other information security qualification : **5+**  
Total Nos. of Technical Personnel : **19**

7. Details of technical manpower deployed for information security audits in Government and Critical sector organizations (attach Annexure if required)

SL No	Name of Employee	Duration with HackIT(In Months)	Experience in Information Security(In Months)	Qualifications related to Information security
1	Manu Zacharia	111	315	CEH,CHFI,CCNA,MCP,CICP-EX, Certified ISO 27001-2005 Lead Auditor,MVP-Enterprise Security (2009-2012), ISLA-2010 (ISC) <sup>2</sup>
2	Akash Joseph Thomas	86	86	CEH
3	Deshmukh Rohit Shivaji	12	12	DBDA
4	Gowthaman K S	20	30	
5	Mahima Bajrang Mangal	16	16	DITISS
6	Nitin Wadhawan	32	36	
7	Mehta Ruchi Birenbai	17	17	DITISS

8	Vishak V	32	32	CEH
9	Viraj Chudasama	11	15	
10	Sunidhi Chavan	10	19	
11	Khushboo Anand	7	42	
12	Ujjwal Das	7	62	
13	Rahul Kushwaha	5	57	CEH
14	Rashi Gupta	5	5	DITSS
15	Utkrashi	4	41	
16	Savalia Yamini Mathurbhai	4	4	CNSS
17	Singh Sanjeev Ravindra	3	3	CNSS
18	Rushabh Vaghela	1	1	CSFPC
19	Hritish Kumar	1	12	OSCP, OSCE

8. Specify Largest Project handled in terms of scope (in terms of volume, complexity, locations etc.) along with project value.

SI No	Project Overview	Value
1	<p>Client: A Business Group with interest in Jewelry, Retail and Real Estate</p> <p>Scope of Work:</p> <ul style="list-style-type: none"> <li>ISMS Audit and Consultancy</li> <li>Web Application Security Audit</li> <li>Infrastructure/Network Security Audit</li> <li>Cloud Security Audit</li> </ul> <p>Engagement Mode: Augmented, Annual, Remote</p> <p>Billing: Hourly</p>	Data Protected by NDA, which restricts public disclosure
2	<p>Client: Member Nations, UN, through ITU</p> <p>Scope of Work: Cyber Security Consultancy</p> <p>Engagement Mode: Onsite</p> <p>Billing: Hourly</p>	Data Protected by NDA, which restricts public disclosure
3	<p>Client: Service Provider to the Health Sector, USA</p> <p>Scope of Work:</p> <ul style="list-style-type: none"> <li>External VA-PT</li> <li>ISMS consultancy to ensure security maturity level as mandated by HIPAA</li> </ul> <p>Engagement Mode: Remote/ Onsite</p> <p>Billing: Flat Rate</p>	Data Protected by NDA, which restricts public disclosure

9. List of Information Security Audit Tools used ( commercial/ freeware/proprietary):

10. Outsourcing of Project to External Information Security Auditors / Experts: Yes  
( If yes, kindly provide oversight arrangement (MoU, contract etc.))

11. Whether organization has any Foreign Tie-Ups? If yes, give details: No

12. Whether organization is a subsidiary of any foreign based organization? : No  
If yes, give details

13. Locations of Overseas Headquarters/Offices, if any: No

\*Information as provided by HackIT *Technology and Advisory Services* on 20/8/2021

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**Snapshot of skills and competence of CERT-In empanelled  
Information Security Auditing Organisation**

**M/s G.D. Apte & Co.**

1	Name & location of the empanelled Information Security Auditing Organization	<b>G.D. Apte &amp; Co.</b>
2	Carrying out Information Security Audits since	<b>&lt;2005&gt;</b>
3	Capability to audit , category wise (add more if required) :	
	Network security audit (Y/N)	<b>Yes</b>
	Web-application security audit (Y/N)	<b>Yes</b>
	Wireless security audit (Y/N)	<b>Yes</b>
	Compliance audits (ISO 27001, IEC 62443, IEC 27019, PCI, etc.) (Y/N)	<b>Yes</b>
	Finance Sector Audits (Swift, ATMs, API, Payment Gateway etc.) (Y/N)	<b>Yes</b>
	ICS/OT Audits(Y/N)	<b>No</b>
	Cloud security Audits (Y/N)	<b>Yes</b>
4	Information Security Audits carried out in last 12 Months :	
	Govt.	<b>&lt; - &gt;</b>
	PSU	<b>1</b>
	Private	<b>&lt; - &gt;</b>
	Co-Operative	<b>2</b>
	Total Nos. of Information Security Audits done	<b>3</b>
5	Number of audits in last 12 months , category-wise ( <b>Organization can add categories based on project handled by them</b> ) :	
	Network security audit	<b>---</b>
	Web-application security audit	<b>---</b>
	Wireless security audit	<b>---</b>
	Compliance audits (ISO 27001, IEC 62443, IEC 27019, PCI, etc.)	<b>2</b>
	Finance Sector Audits (Swift, ATMs, API, Payment Gateway etc.)	<b>---</b>
	ICS/OT Audits	<b>---</b>
	Cloud security Audits	<b>---</b>
	Systems Design Review	<b>1</b>
	Concurrent Audit Data Center	<b>1</b>
	Systems Audit	<b>2</b>
	Internal Financial Controls/ITGC	<b>1</b>
6	Technical manpower deployed for information security audits :	
	CISSPs	<b>1</b>
	BS7799 / ISO27001 LAs	<b>1</b>
	CISAs	<b>3</b>
	DISAs / ISAs	<b>5</b>
	Any other information security qualification	<b>---</b>
	Total Nos. of Technical Personnel	<b>10</b>

7. Details of technical manpower deployed for information security audits in Government and Critical sector organizations (attach Annexure if required)

Sr. No.	Name of Employee	Duration with GD Apte & Co.	Experience in Information Security	Qualifications related to Information security
1	Prakash P. Kulkarni (Partner)	36 years	ITGC : 15 years	CISA, DISA, FAFD
2	Saurabh S. Peshwe (Partner)	15 years	Information Security : 6 years	CISA & DISA



3	Umesh S. Abhyankar (Partner)	18 years	ITGC : 6 years	DISA
4	Ashwini A. Khade (Partner)	5 years	ITGC : 6 years	DISA
5	Santosh B. Rashinkar (Partner)	8 years	ITGC	DISA, FAFD
6	Anagha M Nanivadekar (Partner)	13 years	ITGC : 5 years	DISA
7	Pranav R. Apte	11 years	ITGC : 7 years	DISA, FAFD
8	Rajesh Dhadphale	11 years	IT Management, ITGC & ISO 27001 Consultancy, Applications Audit : 18 years	CISA, ISO 27001 LA, CISM, ITIL V3(F)
9	P.D.Bapat	20years	ITGC & Applications Audit : 3 years	CISA, Diploma in Cyber Laws
10	Rajesh Deodhar	3 years (As Consultant)	Network Security, VAPT : 12 years	CISA, CISSP

8. Specify Largest Project handled in terms of scope (in terms of volume, complexity, locations etc.) along with project value.

**Syndicate Bank Project**

**Locations: Bengaluru, Mumbai**

**Scope: NPA Management System, RAM-CAM Application, Integrated Treasury Systems**

**Aggregate Project Value: Rs. 30 lakh**

9. List of Information Security Audit Tools used ( commercial/ freeware/proprietary):

**Nessus, Burp Suite, Open VAS, Nikto, Nmap, Ntop, Wireshark, Aircrack-NG, Yersinia, Customized scripts, Firefox add-ons**

10. Outsourcing of Project to External Information Security Auditors / Experts : No  
( If yes, kindly provide oversight arrangement (MoU, contract etc.))
11. Whether organization has any Foreign Tie-Ups? If yes, give details : No
12. Whether organization is a subsidiary of any foreign based organization? : No  
If yes, give details
13. Locations of Overseas Headquarters/Offices, if any : No

\*Information as provided by G.D.Apte & Co. on 2 August 2021

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**Snapshot of skills and competence of CERT-In empanelled  
Information Security Auditing Organisation**

**M/s Lucideus Technologies Private Limited**

1. Name & location of the empanelled Information Security Auditing Organization:

**Lucideus Technologies Private Limited**

**Registered Address:** A-1/20, Basement Safdarjung Enclave, New Delhi - 110020

2. Carrying out Information Security Audits since : **March 2017**

3. Capability to audit , category wise (add more if required)

- o Network security audit (Y/N) : **Yes**
- o Web-application security audit (Y/N) : **Yes**
- o Mobile Application Security Audit : **Yes**
- o Security Architecture Review : **Yes**
- o Security Configuration Assessment : **Yes**
- o Wireless security audit (Y/N) : **Yes**
- o Cloud Security Audit : **Yes**
- o Source Code Review : **Yes**
- o Red Team Assessment : **Yes**
- o Compliance audits (ISO 27001, PCI, etc.) (Y/N) : **No**

4. Information Security Audits carried out in last 12 Months :

- o Govt. : **0**
- o PSU : **0**
- o Private : **100+**
- o Total Nos. of Information Security Audits done : **100+**

5. Number of audits in last 12 months , category-wise (**Organization can add categories based on project handled by them**)

- o Network security audit : **30+**
- o Web-application security audit : **35+**
- o Mobile Application Security Audit : **12+**
- o Security Configuration Assessment : **6+**
- o Cloud Security Audit : **5+**
- o Source Code Review : **2+**
- o Red Team Assessment : **10+**
- o Compliance audits (ISO 27001, PCI, etc.) : **No**

6. Technical manpower deployed for information security audits :

- o ISO 27001 LAs : **10**
- o Any other information security qualification:
  - **OSCP** : **12**
  - **OSWP** : **01**
  - **CRTM** : **02**
  - **CEH** : **05**
  - **CSP: (Cloud Security Speciality)** : **01**
- o Total Nos. of Technical Personnel : **35+**

7. Details of technical manpower deployed for information security audits in Government and Critical sector organizations (attach Annexure if required)

S. No.	Name of Employee	Duration with Lucideus (Working Since)	Experience in Information Security	Qualifications related to Information security
1	Vidit Baxi	1 June 2012	11+	MCTS, MCP

2	Rahul Tyagi	1 August 2013	11+	OSCP
3	Rubal Jain	20 March 2017	7+	OSCP
4	Piyush Sharma	18 Sep 2017	4+	OSCP
5	Silky Choudhary	12-Dec-2018	5+	OSCP

8. Specify Largest Project handled in terms of scope (in terms of volume, complexity, locations etc.) along with project value.

- Security assessment of 1400 applications for global largest media conglomerate
- Infrastructure Security Assessment of some of the largest banks In India
- Red Team Assessments of some largest private banks in India

9. List of Information Security Audit Tools used ( commercial/ freeware/proprietary):

- **Commercial:** Acunetix, Checkmarx, Cobalt Strike, Burp Suite, Nessus Professional
- **Proprietary:** SAFE
- **Open source tools:** Objection, Frida, Nuclei, MobSF, SQLMap, Nmap, Wireshark, Nikto, Metasploit

10. Outsourcing of Project to External Information Security Auditors / Experts : **No**

11. Whether the organization has any Foreign Tie-Ups? If yes, give details : **No**

12. Whether the organization is a subsidiary of any foreign based organization? : **Yes**

- The organisation is a 99.99% subsidiary of **Safe Securities Inc.** (*formerly known as Lucideus Inc.*), which is a corporation existing under the laws of the State of Delaware

Principal Address: Safe Securities Inc: 3000 El Camino Real, Building 4, Suite 200, Palo Alto, CA 94306, USA.

13. Locations of Overseas Headquarters/Offices, if any : **Yes**

- **Safe Securities Inc:**  
Registered Office: 1013 Centre Road, Suit 403-B, City of Wilmington, Country of New Castle, Zip Code 19810-4345.
- **Lucideus PTE Ltd :**  
Registered Office: 6 RAFFLES QUAY #11-07, Singapore, 048580

\*Information as provided by **Lucideus Technologies Private Limited** on 2nd August 2021

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**Snapshot of skills and competence of CERT-In empanelled  
Information Security Auditing Organisation**

**M/s MapleCloud Technologies**

1. Name & location of the empanelled Information Security Auditing Organization:

**MapleCloud Technologies, Delhi.**

2. Carrying out Information Security Audits since : **2014**

3. Capability to audit , category wise (add more if required)

- Network security audit (Y/N) : **Y**
- Web-application security audit (Y/N) : **Y**
- Wireless security audit (Y/N) : **Y**
- Compliance audits (ISO 27001, PCI, etc.) (Y/N) : **Y**

4. Information Security Audits carried out in last 12 Months :

Govt. **<number of>** : **0**  
 PSU **<number of>** : **0**  
 Private **<number of>** : **6**  
 Total Nos. of Information Security Audits done : **6**

5. Number of audits in last 12 months , category-wise **(Organization can add categories based on project handled by them)**

Network security audit: **<number of>** : **6**  
 Web-application security audit: **<number of>** : **6**  
 Wireless security audit: **<number of>** : **6**  
 Compliance audits (ISO 27001, PCI, etc.): **<number of>** : **3**

6. Technical manpower deployed for information security audits :

CISSPs : **<number of>** : **1**  
 BS7799 / ISO27001 LAs : **<number of>** : **2**  
 CISAs /CISM: **<number of>** : **2**  
 DISAs / ISAs : **<number of>** : **0**  
 Any other information security qualification: **<number of>** : **8**  
 Total Nos. of Technical Personnel : **8**

7. Details of technical manpower deployed for information security audits in Government and Critical sector organizations (attach Annexure if required)

<b>. No.</b>	<b>Name of Employee</b>	<b>Duration with &lt;organization&gt;</b>	<b>Experience in Information Security</b>	<b>Qualifications related to Information security</b>
1	Yogendra Rajput	7 Years	22 years	<ul style="list-style-type: none"> <li>• CISM – Certified Information Security Manager</li> <li>CPISI – Certified Payment Card Industry Security Implementation</li> <li>ISO 27001 Implementation Certificate from BSI.</li> <li>Checkpoint Certified Security Administrator [CCSA].</li> <li>• ITIL V2 and V3 &amp; ISO 20000</li> <li>Cisco Certified Network Associate [CCNA].</li> </ul>
2	Himanshu Gaur	1 Years	11 Years	PMP, CISSP, CISM, CEH, ITIL, ISO-27001 LA, IBM Certified system

				programmer
3	Mayur W	1 year	1 Year	ICSI   CNSS Certified Network Security Specialist
4	Archit S	1 year	2.5 Years	CEH
5	Tavish Thakur	4 Years	4 Years	CCNA Security
6	Shivendra	4 Years	8 Years	CCNA
7	Eslin Rajkumar	4 Months	3 Years	CCNA
8	Vijay Kaushik	1Year	11 Years	CCNA,MCP, GDPR

8. Specify Largest Project handled in terms of scope (in terms of volume, complexity, locations etc.) along with project value.

Performed security audit for following devices:

S.No.	No of Devices/Server /network/Applications /Locations	OS version	Type	Internet Facing/ Internal	No of Data Centers	No of End users (Employee)
1	Total Locations - 32				2	
2	Routers : 140 Switches : 231 Firewalls : 75 WLC : 16 AP : 110 Applications : 22					
3	Windows Server (Total - 118)	Windows Server 2012 R2		Internal	1	3500
4	Exchange Server 2013		Mailing	Internet	2	3500
5	SAP	Redhat Linux 7.2	ERP	Internet	1	

9. List of Information Security Audit Tools used ( commercial/ freeware/proprietary):

- Burp Suite Professional
- Nessus Professional
- IBM AppScan
- Acunetix
- Custom Scripts
- QualysGuard
- Metasploit
- Kismet
- SQLMAP
- Wireshark
- ZAP
- Netsparker
- Nikto
- Fiddler
- WinHex
- OpenVAS
- Beef
- W3AF
- WP-Scanner
- HPing3
- Echo Mirage
- Geny Motion
- WebScarab
- Drozer
- MobSF
- Nmap
- Aircrack suite
- Cain & Able
- JohnTheRipper
- IronWasp
- Social Engineering Toolkit

10. Outsourcing of Project to External Information Security Auditors / Experts : Yes/No : **No**  
( If yes, kindly provide oversight arrangement (MoU, contract etc.))

11. Whether organization has any Foreign Tie-Ups? If yes, give details : Yes/No : **No**
12. Whether organization is a subsidiary of any foreign based organization? : Yes/ No : **No**  
If yes, give details
13. Locations of Overseas Headquarters/Offices, if any : Yes/No : **No**
- \*Information as provided by **MapleCloud Technologies** on **23<sup>rd</sup> July-2021**.

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**Snapshot of skills and competence of CERT-In empanelled  
Information Security Auditing Organisation**

**M/s MobiTrail**

1. Name & location of the empanelled Information Security Auditing Organization:

**MobiTrail**  
Office No 205, Triumph Estate, Near Express Zone,  
Goregaon East, Mumbai, Maharashtra 400063

2. Carrying out Information Security Audits since : **2017**

3. Capability to audit, category wise (add more if required)

- Network security audit (Y/N) : Yes
- Web-application security audit (Y/N) : Yes
- Wireless security audit (Y/N) : Yes
- Mobile Application Security Audit : Yes
- Cyber Security Awareness and Training : Yes
- Vulnerability Assessment and Management : Yes
- Cloud Security Audit : Yes
- Information Security Assessment : Yes
- WAF Analysis and Robustness Assessment : Yes
- IT Infrastructure Audit : Yes

4. Information Security Audits carried out in last 12 Months:

Govt	0
PSU	0
Private	224
Total Nos. of Information Security Audits done	224

5. Number of audits in last 12 months, category-wise **(Organization can add categories based on project handled by them)**

Network Security Audit	79
Web-application Security Audit	90
Wireless security Audit	4
Mobile Application Security Audit	14
Cyber Security Awareness and Training	15
Vulnerability Assessment and Management	19
WAF Analysis and Robustness Assessment	3

6. Technical manpower deployed for information security audits:

CISSP	0
BS7799 / ISO27001 LA	0
CISA	1
DISA / ISA	0
OSCP (Offensive Security Certified Professional)	2
CEH (Certified Ethical Hacker)	7

AWS (Amazon Web Services)	1
Other Information Security Certification	4
<b>Total Nos. of Technical Personnel</b>	<b>15</b>

7. Details of technical manpower deployed for information security audits in Government and Critical sector organizations (attach Annexure if required)

S. No.	Name of Employee	Duration with <b>MobiTrail</b>	Experience in Information Security	Qualifications related to Information security
1	Deepika Jindal	4 years	7 years	OSCP, CEH
2	Rahul Patil	15 years	8 years	CPT
3	Pritesh Agarwal	2 years	4 years	CISA, CBA
4	Siddhesh Jadhav	2.5 years	2.9 years	OSCP
5	Harendra Negi	1.5 years	3 years	CISEH
6	Sandeep Tonape	2 months	6.2 years	CEH, CISC
7	Kanhaiya Panchal	6months	3 year	IBM CCSA, TCM Security
8	Harshit Kochar	1 year	1 year	Python Certified, AWS

8. Specify Largest Project handled in terms of scope (in terms of volume, complexity, locations etc.) along with project value.

Clients	Assessment
Complete Security Assessment of India's Leading Mutual Funds.	100 + Web applications 120+ Network Devices & IP's Servers and Security Devices Assessments Infrastructure Security Testing, Wifi Security, Mobile Security, WAF Analysis and Robustness
India's Leading Real Estate Company	Web and Mobile Application Security Testing including Database Testing, Server Configuration and API Security Audit

1. List of Information Security Audit Tools used (Commercial/ freeware/proprietary):

Freeware
Wireshark
Kali Linux
OWASP ZAP
Vega
Nmap
Web Scarab



<b>Commercial</b>
Burp Suite
Nessus Professional

<b>Proprietary</b>
Vulnerability Assessment and Management dashboard
Custom Python Scripts

Aircrack suite
Nikto
MBSA
JohnTheRipper
Hydra
DirBuster
SQLMap
Metasploit
Nox Emulators
TestSSL

10. Outsourcing of Project to External Information Security Auditors / Experts :  
( If yes, kindly provide oversight arrangement (MoU, contract etc.)) No
11. Whether organization has any Foreign Tie-Ups? If yes, give details: No
12. Whether organization is a subsidiary of any foreign based organization?  
If yes, give details No
13. Locations of Overseas Headquarters/Offices, if any: No

\*Information as provided by Mr. Vikas Kedia from MobiTrail on 2<sup>nd</sup> August 2021

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**Snapshot of skills and competence of CERT-In empanelled  
Information Security Auditing Organisation**

**M/s Sequaretek IT Solutions Pvt Ltd.**

1. Name & location of the empanelled Information Security Auditing Organization:

**M/s Sequaretek IT Solutions Pvt Ltd.  
304, Satellite Silver, Andheri Kurla Road, Andheri East, Mumbai – 400 059, INDIA**

2. Carrying out Information Security Audits since : 2013

3. Capability to audit, category wise (add more if required)

• Network security audit (Y/N)	:	Yes
• Web-application security audit (Y/N)	:	Yes
• Wireless security audit (Y/N)	:	Yes
• Compliance audits (ISO 27001, PCI, etc.) (Y/N)	:	Yes
• Red Team Assessment	:	Yes
• Mobile App Security Testing (Y/N)	:	Yes
• Source Code Review (Y/N)	:	Yes
• Risk Assessment	:	Yes
• Thick Client Penetration Testing	:	Yes
• Firewall Configuration review	:	Yes
• Servers Configuration Review	:	Yes
• Network Architecture Review	:	Yes
• Process & Policy Review	:	Yes

4. Information Security Audits carried out in last 12 Months:

Govt.	:	NIL
PSU	:	NIL
Private	:	20 +
Total Nos. of Information Security Audits done	:	20 +

5. Number of audits in last 12 months, category-wise (**Organization can add categories based on project handled by them**)

Network security audit	:	6
Web-application security audit	:	19
Mobile Application security audit	:	4
Wireless security audit	:	1
Compliance audits (ISO 27001, PCI, etc.)	:	4
Red Team Assessment	:	1
GRC Consulting	:	6
Server Security Audit	:	14

6. Technical manpower deployed for information security audits:

CISSPs	:	2
BS7799 / ISO27001 LAs	:	8
CISAs	:	2
DISAs / ISAs	:	Nil
ECSA	:	2
CHFI	:	1
CPTE	:	2
CEH	:	11
Any other information security qualification	:	
M. Tech (Cyber Security)	:	23 +
Total Nos. of Technical Personnel	:	300 +

7. Details of technical manpower deployed for information security audits in Government and Critical sector organizations (attach Annexure if required)

S. No.	Name of Employee	Duration with Sequaretek	Experience in Information Security	Qualifications related to Information security
1	Rajendra Kumar	4 + Years	5 + Years	CISA
2	Gangadhar Kyatham	1 + Year	10 + Years	CISA, ISO 27001:2013 LA, CEH, CPTE
3	Anup Saha	4 + Years	8 + Years	ECSA
4	Sachin Mahajan	4 + Years	8 + Years	ISO 27001:2013 LA
5	Omkar Rane	2 + Years	4 Years	ISO 27001:2013 LA
6	Amit Kumar	2 + Years	5 Years	ISO 27001:2013 LA
7	DipaliKosare	1.5Years	2 + Years	CHFI
8	Chintan Rathod	4 + Years	3 + Years	ISO 27001:2013 LA
9	Savita Hiremath	4 + Years	3 + Years	ISO 27001:2013 LA
10	Akshay Chindarkar	3 + Years	2 + Years	ISO 27001:2013 LA
11	KshitijGunale	1.5Years	2 + Years	CEH, CISC
12	Pinki Rani	2.5 + Years	3 Years	ISO 27001:2013 LA
13	Ekta Singh	2.5 + Years	2.5 Years	ECSA
14	YugandharThombare	1 + Years	11 Months	CPTE
15	Pooja Karande	8 Months	1 + Years	CNSS
16	Sayanwita Das	7 Months	2 + Years	ISO 27001:2013 LA
17	Shafique	1.5 Years	9 Months	CEH, CPTE
18	SiddheshSurve	2.5 + Years	2 + Years	CEH
19	PranaliDhekale	1 Year	1.5 Years	CEH
20	Sonu Chaudhary	1+ Year	1 + Year	CEH
21	Sneha Mahulkar	1+ Year	6 Months	CEH
22	ParvKhambholja	1.5 + Year	1 + Years	CEH
23	Anuj Suthar	8 Months	1 Year	CEH
24	Dipak Pradhan	2.5 + Years	3 Years	CEH
25	Vishnu Menon	1 + Years	7 Months	CEH

8. Specify Largest Project handled in terms of scope (in terms of volume, complexity, locations etc.) along with project value.

SI	Organization	Scope	Value (Approx.)	Device volume (Approx.)	Location
1	Europe based Automobile parts Manufactured	VAPT assessment (Servers, Network & Web), Security Operations Centre Services	1.3 Cr	200 (Servers, Network devices, Security solutions)	45 Sites across the Globe
2	India based one of the largest BFSI collaborator	Security Operations Centre services	2 Cr	2000 (Servers, Network devices, Security solutions)	Pan India
3	India based one of the largest private sector bank	User lifecycle management & Application integration, Patch management & CA/VA closure	3.5 Cr	User - 175000 Application - 600 Servers - 11000	Pan India

9. List of Information Security Audit Tools used (commercial/ freeware/proprietary):

Commercial	OpenSource			Proprietary
BurpSuit Professional	Kali Linux (OS)	Social Engineering toolkit	Dozer	IGA
Nessus Professional	Parrot (OS)	Dirbuster	AndroDebugger	EDPR
Acunetix	Santoku (OS)	DirSearch	MobSF	
	Nmap	Hydra	Genymotion	
	Wireshark	Knock py	Jadx	
	Metasploit Framework	Wpscan		
	Searchploit	Wfuzz		
	SQL MAP	Commix		
	OWASP ZAP	Gophis		
	VEGA	Sparta		
	Aircrack suite	Hping		
	Nikto	Cisco Auditor		
	John the ripper	Whois		
	SSL Strip	XSScrappy		
	LFI Guard	Httpx		
	NetCat	Asset finder		

10. Outsourcing of Project to External Information Security Auditors / Experts : No  
( If yes, kindly provide oversight arrangement (MoU, contract etc.))

11. Whether organization has any Foreign Tie-Ups? If yes, give details : No

12. Whether organization is a subsidiary of any foreign based organization? : No  
If yes, give details

13. Locations of Overseas Headquarters/Offices, if any : Yes

Location: USA  
Address: The CoWorking Space,  
Suite 204, 97 Main Street,  
Woodbridge, NJ,  
USA 07095

\*Information as provided by **Sequaretek IT Solutions Pvt. Ltd.** on **02Aug 2021**

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**Snapshot of skills and competence of CERT-In empanelled  
Information Security Auditing Organisation**

**M/s Accenture Solutions Pvt. Ltd.**

1. Name & location of the empanelled Information Security Auditing Organization:

**Accenture Solutions Pvt. Ltd.  
Plant-3, Godrej & Boyce Complex, LBS Marg.  
Vikhroli (W), Mumbai 400079. Maharashtra**

2. Carrying out Information Security Audits since : **2005**

3. Capability to audit, category wise (add more if required)

• Network security audit (Y/N)	:	Y
• Web-application security audit (Y/N)	:	Y
• Wireless security audit (Y/N)	:	Y
• Compliance audits (ISO 27001, PCI, etc.) (Y/N)	:	Y
• Cloud Security Audits	:	Y
• Block chain Security Assessment	:	Y
• Platform Security (SAP/Oracle/Salesforce/workday)	:	Y
• Application security architecture audits	:	Y
• DevSecOps Assessments and Implementations	:	Y

4. Information Security Audits carried out in last 12 Months:

Govt.	:	10+
PSU	:	30-40
Private	:	70-80
Total Nos. of Information Security Audits done	:	150

5. Number of audits in last 12 months , category-wise (**Organization can add categories based on project handled by them**)

Network security audit	:	<b>50+</b>
Web-application security audit	:	<b>100+</b>
Wireless security audit	:	<b>5+</b>
Compliance audits (ISO 27001, PCI, etc.)	:	<b>50+</b>
Block chain Security Assessment	:	<b>5+</b>
Platform Security (SAP/Oracle/Salesforce/workday)	:	<b>20+</b>
Application security architecture audits	:	<b>50+</b>
DevSecOps Assessments and Implementations	:	<b>20+</b>
Cloud Security Audits	:	<b>10+</b>

6. Technical manpower deployed for informationsecurity audits:

• CISSPs	:	20+
• BS7799 / ISO27001 LAs	:	10+
• CISAs	:	30+
• CISM	:	25+
• OSCP	:	10+
• CEH	:	100+
• GIAC-GCPN	:	5+
• GIAC-GCFA	:	10+
• GIAC-GCSA	:	5+
• CompTIA Pentest+	:	5+
• AWS Security	:	100+
• Total Nos. of Technical Personnel	:	500+

7. Details of technical manpower deployed for information security audits in Government and Critical sector organizations (attach Annexure if required)

S. No.	Name of Employee	Duration with <b>Accenture</b>	Experience in Information Security	Qualifications related to Information security
1	Ramesh Shetty	1.8 Years	16+ Years	CISSP, GCFA, GCSA, CEH, CCSA, CCSE,

				JNCIS, MCP
2	Suneet Singh Thakur	3.2 Years	14.8 Years	CISM, CEH , ISO 27001, GDPR 11001
3	Monika Kachroo	1.3Years	11 Years	ISO 27001 LA
4	Ankit Gurjargour	4Years8 Months	8+ Years	OSCP, GIAC-GCPN, Pentest+ CEH
5	Deepak Pandey	2 Years	8+ Years	OSCP, CISM, CRTP, AWS Certified solution architect- Associate, CEH
6	Rahul Ahuja	2 years7Months	6 Years	OSCP, CEH, Azure 900, AWS Certified solution architect- Associate
7	Sameer Goyal	9Months	7 Years	OSCP, CEH, Crest – CPSA & CRT, AWS Cloud Practitioner
8	Prasenjit	7 Months	8+ Years	OSCP, CEH
9	Atish Sarambale	7.2 Years	3+ Years	CEH, AWS security Specialty, Azure 900, AWS Certified solution architect- Associate
10	Gopalakrishna Kaja	1 Years 8 Months	9+ Years	OSCP, ECSAv9, CEH

8. Specify Largest Project handled in terms of scope (in terms of volume, complexity, locations etc.) along with project value.

**1. Accenture has conducted below security engagements for a leading bank:**

- Conducted Vulnerability assessment and penetration testing of Android and IOS mobile wallet applications for a leading bank
- Vulnerability assessment and penetration testing of Network Infrastructure.
- Dynamic testing using Automated scanning tool and extensively performed False Positive Analysis
- Web application / APIs / Thick client application security projects
- Integration of Application Security into the CI/CD pipeline as part of DevSecOps

Approx. Applications/ APIs/ Infra server counts: ~ 400

Value: INR ~ 1 Cr

Location: US

**2. Payments Gateway organization:**

- Accenture performed payment systems security assessment for a large payment gateway Client in Middle East region. As the part of engagement Accenture conducted Compliance audits (ISO 27001, PCI), Infrastructure security assessment of payment gateway network, API/Middleware security audit.

Approx. Applications/ APIs/ Infra server counts: ~ 400

Value: INR ~ 50+ lacs

Location: Canada

**3. Security engagements across multiple Telecom projects across UK:**

- Accenture is currently engaging Dynamic Application Security Testing and Penetration Testing of multiple telecom operators which includes Mobile security audit, Web-application security audit, Network security audit, Application security architecture audits
- Accenture is also carrying out Secure SDLC engagements and Source Code Review of various telecom products such as wallet applications, internal and external web applications.

Approx. Applications/ APIs/ Infra server counts: ~ 200

Value: INR ~ 60+ lacs

Location: UK

#### 4. Leading E-commerce client:

- Accenture has performed application security testing for a leading e-commerce client where scope of the testing was to perform Static application security testing(SAST), Dynamic Application security testing(DAST) and penetration testing.
- Accenture has carried out penetration testing of entire functional flow of the application that starts from user registration to product delivery.
- Accenture had performed attack simulation as to showcase how the actual attack has been performed on the website.

Approx. Applications: ~ 40+

Value: INR ~ 30+ lacs

Location: India

#### 5. Penetration testing of entire SAP ecosystem for a government client in Canada:

Accenture has performed the penetration testing of entire SAP ecosystem for a government client in Canada.

Scope included the internal infrastructure penetration testing of Prod, dev and QA environment, Web application testing for various SAP portals like S4HANA, Fiori , BI, BO etc.

Approx. Applications: ~ 6, Server: ~150

Value: INR ~ 30 lacs

Location: Canada

#### 9. List of Information Security Audit Tools used (commercial/ freeware/proprietary):

Type of Tools	Name
Commercial tools	BrupSuite Pro Appscan AppScan source Webinspect Fortify Qualys Nessus Checkmarx Whitesource Snyk Aqua Twistlock Metasploit Pro Onapsis Blackduck Veracode IriusRisk SD Elements Threatmodeler SonarQube
Accenture Proprietary	Accenture ERP Security Insight (AESI) Mobile application security platform (MASP) Intelligent application security platform (IASP) Accenture Rapid port scanner
Freeware	Kali Linux OWASP Zap OWASP Threat dragon OWASP Dependency Check Microsoft Threat Modeling Beef Kismet Aircrack-ng SSLLabs SSLstrip SSLyzed Nmap Wireshark Paros Ecomirage Fiddler

	Drozer Objection Burp suite Postman Metasploit Findseccbugs Security Code Scan Scoutsuite Git secrets
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10. Outsourcing of Project to External Information Security Auditors / Experts: No ( If yes, kindly provide oversight arrangement (MoU, contract etc.))
11. Whether organization has any Foreign Tie-Ups? If yes, give details: No
12. Whether organization is a subsidiary of any foreign based organization?: No  
If yes, give details
13. Locations of Overseas Headquarters/Offices, if any : Yes

**Accenture Solutions Pvt Ltd., 3 grand canal plaza, grand canal street upper, Dublin,**

\*Information as provided by **Accenture Solutions Pvt Ltd** on **20-04-2021**

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**Snapshot of skills and competence of CERT-In empanelled  
Information Security Auditing Organisation**

**M/s QA InfoTech Software Services Private Limited**

1. Name & location of the empanelled Information Security Auditing Organization :

**QA InfoTech Software Services Private Limited, Noida**

2. Carrying out Information Security Audits since : **February 2013**

3. Capability to audit , category wise (add more if required)

• Network security audit (Y/N)	:	<b>Yes</b>
• Web-application security audit (Y/N)	:	<b>Yes</b>
• Wireless security audit (Y/N)	:	<b>No</b>
• Compliance audits (ISO 27001, PCI, etc.) (Y/N)	:	<b>Yes</b>
• Cloud Security Audit and Configuration Review (Y/N)	:	<b>Yes</b>
• Mobile App Security Audit (Y/N)	:	<b>Yes</b>
• Vulnerability Assessment Penetration Testing (Y/N)	:	<b>Yes</b>
• Thick Client Application Security Testing (Y/N)	:	<b>Yes</b>
• IoT Security Audit (Y/N)	:	<b>Yes</b>
• DR, SCM, BCP and Due diligence Audits	:	<b>Yes</b>

4. Information Security Audits carried out in last 12 Months :

Govt.	:	<b>20+</b>
PSU	:	<b>0</b>
Private	:	<b>90+</b>
Total Nos. of Information Security Audits done	:	<b>110+</b>

5. Number of audits in last 12 months , category-wise (**Organization can add categories based on project handled by them**)

Network security audit	:	<b>50+</b>
Web-application security audit	:	<b>80+</b>
Cloud Security Audit and Configuration Review	:	<b>10+</b>
Mobile App Security Audit	:	<b>20+</b>
DR, SCM, BCP and Due diligence Audits	:	<b>30+</b>

6. Technical manpower deployed for information security audits :

CISSPs	:	<b>0</b>
BS7799 / ISO27001 Las/ISO 27001 LIs	:	<b>2</b>
CISAs	:	<b>1</b>
OSCP	:	<b>1</b>
OSWP	:	<b>1</b>
ECSA	:	<b>1</b>
CHFI	:	<b>1</b>
CEH and Equivalent	:	<b>7</b>
ICSI   CNSS Certified Network Security Specialist	:	<b>1</b>
CNSS Certified Network Security Specialist	:	<b>1</b>
Fortinet NSE 1 Network Security Associate	:	<b>1</b>
Fortinet NSE 2 Network Security Associate	:	<b>1</b>
API Security Test Architect	:	<b>2</b>
Total Nos. of Technical Personnel	:	<b>8</b>

7. Details of technical manpower deployed for information security audits in Government and Critical sector organizations (attach Annexure if required)

S. No.	Name of Employee	Duration with <b>&lt;organization&gt;</b>	Experience in Information Security	Qualifications related to Information security
1.	Akshay Aggarwal	5 years 9 months	9 Years	Certified API Security Architect
2.	Vikas Tomer	3 years 10 months	5 years	-OSCP : Offensive Security Certified Professional

				-OSWP : Offensive Security Wireless Professional -ECSA : EC-Council Certified Security Analyst -CHFI : Computer Hacking Forensic Investigator -ISO 27001:2013 Lead Implementer -CEH : Certified Ethical Hacker -Post Graduate Certification in Information Security
3.	Vikas Pethiya	3 Years 3 Months	7 Years	CISA, ISO 27001 LA, CEH, CCNA, ITIL V3
4.	Mohit Kumar Sharma	4 years 4 months	4 years 4 months	- CCNA (Routing & Switching) -API Security Architect - AWS Security Fundamentals(Second Edition) -CNSS - Fortinet NSE 1 Network Security Associate - Fortinet NSE 2 Network Security Associate
5.	Vaibhav Srivastava	10 months	4 years 11 months	-Certified Ethical Hacker (v10)  -ICSI   CNSS
6.	Anurag Singh	3 years	1 month	Comptia Security+
7.	Manish Kumar	6 Months	1.5 Years	-API Testing(Udemy), - -Ethical Hacking(Udemy)
8.	Harshit Sengar	1 Month	2 Years	ISCP, CSFP

8. Specify Largest Project handled in terms of scope (in terms of volume, complexity, locations etc.) along with project value.

**Infrastructure (External/Internal) Network VAPT including the configuration audit for a subsidiary of the World's Largest Financial Conglomerate**

- **Performed comprehensive Vulnerability Assessment and Penetration Test (VAPT) audit comprising External and Internal Network/Infrastructure vulnerability assessment and Penetration Testing of Company's global IT Infrastructure majorly spread across 3 different locations in the USA, by probing physical and virtual servers, networks, internet applications, internet accessible devices, remote devices, firewalls, VOIP system with dedicated switches, operating systems, Cloud environments and device configurations.**
- **Project Value- 65+ Lac**

9. List of Information Security Audit Tools used ( commercial/ freeware/proprietary):

**Commercial:**

- Acunetix,
- Burp,
- Nessus
- Core Impact

- Nexpose

#### Open source tools

- BackTrack,
- Kali Linux,
- Metasploit
- Paros,
- SQLMap,
- nmap,
- Wireshark
- OWASP ZAP
- Web Scarab
- Aircrack suite
- Nikto
- MBSA
- L0phtcrack: Password Cracker
- OpenVas
- W3af
- Directory Buster
- SSL Strip
- SOAPUI
- Vookie
- SqlNinja
- BeEF Framework
- Hydra

10. Outsourcing of Project to External Information Security Auditors / Experts : **No**  
(If yes, kindly provide oversight arrangement (MoU, contract etc.))

11. Whether organization has any Foreign Tie-Ups? If yes, give details: **No, but QA InfoTech Software Services Private limited is now part of the Qualitest group**

12. Whether organization is a subsidiary of any foreign based organization? : **QA InfoTech Software Services Private Limited Company is not a direct subsidiary of a foreign parent, but it's a step-down subsidiary of a foreign parent.**

13. Locations of Overseas Headquarters/Offices, if any : **Yes**

1. Michigan, USA 32985 Hamilton Court East, Suite 121, Farmington Hills, Michigan, 48334	2. Toronto, Canada 6 Forest Laneway, North York, Ontario, M2N5X9
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**\*Information as provided by QA InfoTech Software Services Private Limited on August, 10, 2021**

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**Snapshot of skills and competence of CERT-In empanelled  
Information Security Auditing Organisation**

**M/s Siemens Limited**

1. Name & location of the empanelled Information Security Auditing Organization:

**Siemens Limited,**  
Birla Aurora Towers, Level 21, Plot 1080,  
Dr, Annie Basant Road, Worli, Mumbai - 400030

2. Carrying out Information Security Audits since : **2017**

3. Capability to audit, category wise (add more if required)

• Network security audit(Y/N)	:	<b>Y</b>
• Web-application security audit (Y/N)	:	<b>Y</b>
• Device Security Audit (Y/N)	:	<b>Y</b>
• Mobile Application Security Audit (Y/N)	:	<b>Y</b>
• Wireless security audit (Y/N)	:	<b>Y</b>
• ICS/ SCADA Security audit (Y/N)	:	<b>Y</b>
• Embedded System security audits (Y/N)	:	<b>Y</b>
• ISO 27001 Compliance audits (Y/N)	:	<b>Y</b>
• IEC 62443 Compliance audits (Y/N)	:	<b>Y</b>

4. Information Security Audits carried out in **last 12 Months**:

Govt	:	<b>Nil</b>
PSU	:	<b>Nil</b>
Private	:	<b>17</b>
Total Nos. of Information Security Audits done	:	<b>17</b>
<i>(Due to COVID pandemic few audits are deferred &amp; overall audits performed have been limited during the period)</i>		

5. Number of audits in **last 12 months**, category-wise (**Organization can add categories based on** project handled by them)

Network security audit	:	<b>4</b>
Web-application security audit	:	<b>21</b>
Device Security audit	:	<b>1</b>
Mobile Application Security audit	:	<b>2</b>
Wireless security audit	:	<b>3</b>
ISO 27001 Compliance audit	:	<b>4</b>
IEC 62443 Compliance audit	:	<b>4</b>
<b>Total</b>	:	<b>39</b>

6. Technical manpower deployed for information security audits:

ISO 27001 Lead assessors	:	<b>4</b>
ISA / IEC 62443 certified assessors	:	<b>6</b>
CEH	:	<b>3</b>
OSCP	:	<b>2</b>
CISSP	:	<b>1</b>
CISA	:	<b>1</b>
CISM	:	<b>1</b>
Cyber Forensics	:	<b>1</b>
Cyber Law	:	<b>1</b>
CISA-CIP	:	<b>1</b>
CISA-CSCM	:	<b>1</b>
DCPLA	:	<b>2</b>
DG-Guardian (DLP)	:	<b>1</b>

7. Details of technical manpower deployed for information security audits in Government and Critical sector organizations (attach Annexure if required)

S. No.	Name of Employee	Duration with <b>Siemens Ltd</b>	Experience in Information Security	Qualifications related to Information security
1	Amitava Mukherjee	15 years	12 years	ISO 27K LA, IEC 62443, DCPLA, CISA, CISM
2	Raju John	11 years	7 years	ISO27K LA, IEC 62443, Digital Guardian DLP – <i>Visibility and Control</i> , DCPLA
3	DM Kulkarni	16 years	12 years	ISO 27K LA, CEH, ISA/IEC 62443
4	JoshuaRebelo	4 years	14 years	MS in Cyber Law & Cyber Security, OSCP, ISA/IEC 62443
5	Gopal Mishra	4 years	9 years	PGD – Information Security, CEH, IEC 62443, OSCP, CISA-CIP, CISA-CSCM
6	Shiv Kataria	2 Years	13 years	CISSP, CEH, ISO 27001 LA, ISA/IEC 62443 Cybersecurity Expert, PG Diploma in Digital and Cyber Forensics and Related Laws

8. Specify Largest Project handled in terms of scope (in terms of volume, complexity, locations etc.) along with project value.

High level customer profile	Challenge / complexity	Scope / Volume	Benefits& indicative project value (in million INR)
Petrochemical Major, India	Critical Infrastructure protection	<ul style="list-style-type: none"> <li>› Identify &amp; critical infrastructure protection</li> <li>› Assessment &amp; evaluation</li> <li>› Security program development</li> <li>› Upgradation of security posture including Industrial Control System (ICS) upgrades and implementation of security components for the ICS</li> <li>› Handholding in implementation of OT security</li> </ul>	<ul style="list-style-type: none"> <li>› Risk assessment</li> <li>› Scope definition for OT security program</li> <li>› Solution architecture &amp; implementation</li> <li>› Approximate Project Value: ₹ 50 Mil</li> </ul>
High level customer profile	Challenge / complexity	Scope / Volume	Benefits& indicative project value (in million INR)
Metal Major, India	Multiple manufacturing facilities	<ul style="list-style-type: none"> <li>› Provide transparency on current OT cybersecurity status of individual plants</li> <li>› Integrate Heterogenous fleet of assets with multiple protocols and designs</li> <li>› OT security program development</li> <li>› Implementation of OT network monitoring</li> <li>› Remediate low hanging vulnerabilities</li> </ul>	<ul style="list-style-type: none"> <li>› High visibility on risks and vulnerabilities.</li> <li>› Cost effective and optimal strategy for a global roll out to achieve a higher maturity level for Industrial Security</li> <li>› Approximate Project Value:</li> </ul>

			₹1.3 Mil
Chemicals Major, India	Lack of transparency on the security posture of OT environment and lack of cyber security management system.	<ul style="list-style-type: none"> <li>› Identify &amp; critical infrastructure protection</li> <li>› Assessment &amp; evaluation</li> <li>› Security program development</li> <li>› Implementation of continuous threat detection system for the OT environment</li> </ul>	<ul style="list-style-type: none"> <li>› Establish better processes to manage OT security.</li> <li>› OT monitoring &amp; matured incident / anomaly handling</li> <li>› Approximate Project Value: ₹3 Mil</li> </ul>
Petrochemical Major, Malaysia	Multiple zones, largely distributed yet connected devices	<ul style="list-style-type: none"> <li>› Protection of the Distributed Control Systems, Engineering &amp; Client stations against incoming cyber threats</li> <li>› Harmonize distributed systems</li> <li>› Implement centralized monitoring &amp; end point security solution</li> <li>› Whitelisting &amp; WSUS implementation</li> <li>› Distributed systems demanding a central administration console for managed security</li> </ul>	<ul style="list-style-type: none"> <li>› Broader protection against malicious attacks</li> <li>› Centralized security patch management</li> <li>› Approximate Project Value: ₹3.2 Mil</li> </ul>
Chemicals Major, Global	Lack of transparency on the asset vulnerabilities at multiple manufacturing facilities across the globe	<ul style="list-style-type: none"> <li>› Asset data evaluation and asset management</li> </ul>	<ul style="list-style-type: none"> <li>› Higher transparency brings actionable insights to manage OT security</li> <li>› Approximate Project Value: ₹4 Mil</li> </ul>

9. List of Information Security Audit Tools used (commercial/ freeware/proprietary):

Open-Source Tools	Description
Nmap Port Scanner	Port Scanner, Fingerprinting
Netcat	Network Utility
John the Ripper	Password Analyzer / Cracking
Metasploit	Exploit Framework
Kali	Hacking tools repository
Netstumbler	Wireless Network Detector / Sniffer
Redline	Forensics

Wireshark	Network protocol analyzer
Nikto	Web server/application vulnerability scanner
Dir buster	Enumeration tools
Sysinternals Tools	Windows debugging utilities
Ssltest	SSL Health check
OWASP ZAP Proxy	Web server/application vulnerability scanner
MobSF	Android Pentesting
Drozer	Android Pentesting
JD-GUI	Decompiling tool
SQLMAP	SQL Injection Tool
Fiddler	HTTP Proxy
TCPDump	Traffic Analyzer

Commercial Tools	Description
Accunetix	Web Vulnerability Scanner
Burp Suite Pro	Web Vulnerability Scanner + intercept proxy tool
Netsparker	Web Vulnerability Scanner
Nessus	Network & Web Vulnerability Scanner
Nipper	Audit tool
Shodan	Threat Intelligence

10. Outsourcing of Project to External Information Security Auditors / Experts : No  
( If yes, kindly provide oversight arrangement (MoU, contract etc.))

11. Whether organization has any Foreign Tie-Ups? If yes, give details : No

12. Whether organization is a subsidiary of any foreign based organization : Yes  
If yes, give details

*More than 50% (fifty percent) of the subscribed and paid-up equity shares of Siemens Limited, India (hereinafter referred to as the "Company") are held by Siemens International Holding B.V. and Siemens Metals Technologies Vermögensverwaltungs GmbH, which are indirect wholly owned subsidiaries of Siemens Aktiengesellschaft, Germany (hereinafter referred to as "SAG"). By virtue of the aforesaid, the Company is a subsidiary of SAG.*

13. Locations of Overseas Headquarters/Offices, if any : Yes

**Siemens AG**

Siemens Aktiengesellschaft  
Werner-von-Siemens-Straße 1  
80333 Munich  
Germany

\*Information as provided by **Siemens Limited** on **2<sup>nd</sup> August 2021**

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**Snapshot of skills and competence of CERT-In empanelled  
Information Security Auditing Organisation**

**M/s Accedere Limited**

1. Name & location of the empanelled Information Security Auditing Organization :

**Accedere Limited  
Spaces Inspire Hub, Western Heights,  
JP Road, 4 Bungalows, Andheri West, Mumbai 400053**

2. Carrying out Information Security Audits since : 2017

3. Capability to audit, category wise

- Network security audit : (Y)
- Web-application security audit : (Y)
- Wireless security audit : (Y)
- Compliance audits (ISO 27001, IEC 62443, IEC 27019, PCI, etc.) : (Y)
- We are also an ISO/IEC Accredited Certification Body**
- Finance Sector Audits (Swift, ATMs, API, Payment Gateway etc.) : (Y)
- ICS/OT Audits (Y) We have about 10 years of relevant experience : (Y)
- Cloud security Audits : (Y)
- We are a Cloud Security Alliance (STAR) empaneled Audit Firm**
- Privacy Audits : (Y)

4. Information Security Audits carried out in last 12 Months :

Govt. : NIL  
PSU : NIL  
Private : About 40 per year with main focus on compliance audits such as SOC 2, GDPR, HIPAA, ISO27001, ISO 27701 etc.  
Total Nos. of Information Security Audits done : 200+

5. Number of audits in last 12 months, category-wise

Network security audit : NIL  
Web-application security audit : 5  
Wireless security audit : NIL  
Compliance audits (ISO 27001, IEC 62443, IEC 27019, PCI, etc.) : 40  
Finance Sector Audits (Swift, ATMs, API, Payment Gateway etc.) : NIL  
ICS/OT Audits : NIL  
Cloud security Audits : 20  
Privacy Audits : 20

6. Technical manpower deployed for information security audits :

CISSPs : 1  
BS7799 / ISO27001 LAs : 2  
CISAs : 1  
DISAs / ISAs : NIL  
Any other information security qualification: Master in Cyber Security, CEH  
Total Nos. of Technical Personnel : 6  
(Full Time)

7. Details of technical manpower deployed for information security audits in Government and Critical sector organizations (attach Annexure if required)

S. No.	Name of Employee	Duration with Accedere	Experience in Information Security	Qualifications related to Information security
1.	Ashwin Chaudhary	Initial July 1983	19 years	CITP, CISSP, CISA, CSIM, CRISC, CGEIT, CDPSE, CCSK, ISO27001LA, ITIL, PMP
2.	Sama Chaudhary	October 2019	5 years	BE, CEH
3.	Kunal Chaudhary	March 2019	7 years	BTech Comp Sc, IIT
4.	Deepa Sharma	June 2020	5 years	MTech, ISO27001LA



5.	Abhishek Yadav	Jan 2022	3 months	Masters in Cyber Law
6.	Bijesh Mistry	Jan 2022	3 months	Masters in Cyber Security

8. Specify Largest Project handled in terms of scope (in terms of volume, complexity, locations etc.) along with project value. SOC 2 for Jio Platforms Ltd.
9. List of Information Security Audit Tools used (commercial/ freeware/proprietary): Mostly opensource
10. Outsourcing of Project to External Information Security Auditors / Experts: Generally No. ( If yes, kindly provide oversight arrangement (MoU, contract etc.)) If required contracts are in place.
11. Whether organization has any Foreign Tie-Ups? If yes, give details: Yes

Mr Ashwin Chaudhary CEO of Accedere Limited also owns 100% of Accedere Inc USA which is also an Audit organization and a CPA Firm licenced by Colorado State, and listed with the PCAOB and Cloud Security Alliance and focusing on SOC 1 and SOC 2 Type 2 Audits for Cloud Data Security and Privacy. Accedere Inc is also an ISO/IEC Certification Body for Management Systems covering ISO 27001, ISO 27701 and other Data Security and Privacy Audits. Accedere Limited manages the SOC & ISO/IEC certifications in India and neighbouring countries from Mumbai, India. Mr Kunal Chaudhary of Accedere Limited owns a UAE organization to pursue business in the UAE.

<b>UnitedStates</b>
999, 18th St, #3000, Denver, Colorado 80202

<b>UAE</b>
70B, Building 280, Taweelah, Abu Dhabi

12. Whether organization is a subsidiary of any foreign based organization? : No  
If yes, give details
13. Locations of Overseas Headquarters/Offices, if any : Yes

As mentioned above.

\*Information as provided by **Accedere** on April 7, 2022

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