

EMPANELLED INFORMATION SECURITY AUDITING ORGANISATIONS by CERT-In

The List of IT Security Auditing Orgnisations, as given below, is up-to-date valid list of CERT-In Empanelled Information Security Auditing Orgnisations. 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

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

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
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

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

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.apts.gov.in/>
Land line Phone: 08662468105;
Mobile phone : 9440469194
Fax : N/A
Contact Person : Dr. G Jacob Victor, Executive Director
E-mail : mgr-apcsp-apts[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 DURAISWAMY 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 Bunglows, 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 Prabuu 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, Srisailam 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 : 9810033205 / 9360838930 / 8433911537
Contact Person : Mr. Debopriyo Kar and Mr. Pramod Pant
E-mail :debopriyo.kar[at]cyberqindia.com
info[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]drccbcyber.com, drccbcyber[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, Kaloor-Kadavanthara Road
Kaloor 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,
Arjunganj, 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, Swapnaboomi 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]qrcksolutionz[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]secureyes.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
Contact Person : Dr. Rakesh M Goyal, Director
E-mail : rakesh[at]sysman.in, 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; headits[at]stqc.gov.in

80. M/s Sattrix 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]sattrix[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

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)
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: certin[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. Itd

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. | : 400+ |
| PSU | : 100+ |
| Private | : 25+ |
| Total Nos. of Information Security Audits done | : 525+ |

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

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

6. Technical manpower deployed for informationsecurity audits :

| | |
|--|--------------|
| CISSPs | : 5+ |
| BS7799 / ISO27001 LAs | : 30+ |
| CISAs | : 20+ |
| DISAs / ISAs | : 5+ |
| Any other information security qualification | : 35+ |
| 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 <organization> | Experience in Information Security | Qualifications related to Information security |
|--------|--------------------|---|------------------------------------|---|
| 1) | Anjay Agarwal | 20 | 25 | ISMS LA, CISA, ISA, CEH, ECSA, LPT, COBIT Certified Assessor |
| 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 analyze setcpdump-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 : 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 : No

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

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

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

(Reporting period: Oct 2019 to Sep 2020)

| | | |
|--|---|--------------|
| Govt. | : | -8- |
| PSU | : | -17- |
| Private | : | -Nil- |
| Total Nos. of Information Security Audits done | : | -25- |

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

6. Technical manpower deployed for information security audits :

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

| | | |
|-----------------------------------|---|------|
| 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 | NetSpark | |
| Ollydbg | 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?
 If yes, give details : **No**

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

| | | |
|--|--|---|
| New York Bharat Electronics Limited 53, Hilton Avenue Garden City New York – 11530, USA | Singapore Bharat Electronics Limited 06-01, PSL Industrial Building 156, Maopherson Road Singapore – 348 528 | Srilanka Bharat Electronics Limited No. 385, 1st Floor Landmark Building, Galle Road Colombo – 03, Srilanka |
| Oman 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 | Myanmar Bharat Electronics Limited No. 53, The Strand Square Level 2, Unit #. 209, Strand Road, PabeledanTsp, Yangaon, Myanmar | Vietnam Bharat Electronics Limited 10th Floor, TNR Power Hanoi Vietnam |

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

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**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**

- 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. | : | 6 |
| PSU | : | 2 |
| Private | : | 151 |
| Total Nos. of Information Security Audits done | : | 159 |

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 informationsecurity 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 : **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**

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

6. Technical manpower deployed for informationsecurity 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 | : | 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 MPSEDC(Previously known as MAP_IT) as of Jan 31 2022 | 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 | VasundharaRaghuvanshi | 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?
If yes, give details : **No**
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 | >16 years | >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 | >19 years | CISSP, MCSE, SYMANTEC 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 : (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 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:

3rd 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) : Y
- Web-application security audit (Y/N) : Y
- Wireless security audit (Y/N) : Y
- Compliance audits (ISO 27001, PCI, etc.) (Y/N) : Y
- IT General Controls : Y
- IT Policy Compilation : Y
- Vulnerability Assessment & Penetration Testing : Y
- IT Infrastructure Audit : Y
- Review of Applications Implementation (Both Pre & Post Implementation) : Y
- End Point Security Review : Y
- Application Security Review : Y
- Secure Code Review : Y

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

| | | |
|--|---|----|
| Govt. | : | 1 |
| PSU | : | 5 |
| Private | : | 48 |
| Total Nos. of Information Security Audits done | : | 54 |

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

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

6. Technical manpower deployed for information security audits :

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

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"> • Business Objectives, Governance and Policy • Data Protection • Security Risk Management • Access Management • Organization and Resources • Incident Response • Third-Party/Vendor Management • Security Architecture • Infrastructure Resiliency • Security Awareness and Training <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 6th 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 August18, 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) : **YES**
- Web-application security audit (Y/N) : **YES**
- Mobile-application security audit (Y/N) : **YES**
- Wireless security audit (Y/N) : **YES**
- Compliance audits (ISO 27001, PCI, etc.) (Y/N) : **YES**
- Finance Sector Audits (Swift, ATMs, API, Payment Gateway etc.) : **YES**
- ICS/OT Audits (Y/N) : **YES**
- Cloud security Audits (Y/N) : **YES**
- Main business application audit : **YES**
- Cyber Forensics : **YES**
- IT GRC Consulting : **YES**
- Techno-legal compliance/consulting : **YES**
- Audit of Certifying Authorities/e-sign/RA/ASP : **YES**
- Audit of UIDAI AUA / KUA / ASA / KSA : **YES**
- Data Privacy Audits : **YES**

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

| | | |
|--|---|-----------|
| Govt. : <number of> | : | 03 |
| PSU : <number of> | : | 15 |
| Private : <number of> | : | 69 |
| 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**)

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

6. Technical manpower deployed for information security audits :

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

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.

1. **IT Infrastructure with 150 servers, 2500+ nodes, 120 switches, 30 routers spread over 50 locations all over India alongwith matching DR site.**
2. **Application audit with 32 modules used by 6000 people**
3. **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, WebSecurity, 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 | : | 1 |
| BS7799 / ISO27001 LAs | : | 3 |
| CISAs | : | 2 |
| DISAs / ISAs | : | 2 |
| Core Technical Security Experts | : | 10 |
| Any other information security qualification | : | 6 |
| 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 <organization> | 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 | Ibd | 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 | sslcaudit | opensource |
| 58 | SSLsplit | opensource |
| 59 | sslstrip | opensource |
| 60 | SSLLyze | 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 | RTLSR Scanner | opensource |
| 155 | Spooftooph | opensource |
| 156 | Tkiptun-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?
 If yes, give details : No

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. | : | 12 |
| PSU | : | 5 |
| Private | : | 17 |
| Total Nos. of Information Security Audits done | : | 34 |

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

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

| | |
|-----------------------------|---|
| Server VAPT | 4 |
| Database Audit | 4 |
| Data Migration Audit | 2 |

6. Technical manpower deployed for informationsecurity audits:

| Technical Competence | Number |
|-------------------------------|---|
| CISSPs: | 1 |
| BS7799 / ISO27001 LAs: | 4 |
| CISAs : | 7 (Certified) +2 (Certification Pending) |
| DISAs / ISAs : | 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 <organization> | 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 – Apps, 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

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

| S . N o. | Name | Email & Phone | Durat ion with AQM | Experie nce in Information Securit y | Qualification and Certification |
|-----------------|------------------------|--|---------------------------|---|---|
| 1. | Madhav Bhadra | Madhav.Bhadra@aqmtechnologies.com | 19 Years | 19 Years | CA, CISA |
| 2. | Ritesh Kotecha | Ritesh.Kotecha@aqmtechnologies.com | 14 years | 14 years | CA, CISA |
| 3. | Dhruti Patel | dhruti.patel@aqmtechnologies.com | 16 Years | 16 Years | ICWA, CISA, ISO 20000 |
| 4. | Sanjay Jitendra Parikh | sanjay.parikh@aqmtechnologies.com | 4 Years | 19 Years | CISA, CISM (certification pending), CDPO, PGDM (Computers), ITIL v3 IT Service Management, Certification in Business Analytics |
| 5. | Rasika Manoj Patil | rasika.patil@aqmtechnologies.com | 4 Years | 4 Years | ME (Computer Science), B.Sc, CISA, CISM, MCSE |
| 6. | Ruchika Agrawal | ruchika.agrawal@aqmtechnologies.com | 3Years | 3Years | B. Tech (Information Technology), CDAC (PG-DITISS), ECSA |
| 7. | Mahesh Vaman Harkulkar | mahesh.harkulkar@aqmtechnologies.com | 2 Years | 2 Years | B.E. (Computer Engineering), CDAC (PG-DITIS), CEH v10 |
| 8. | Akash Bharat Chavan | akash.chavan@aqmtechnologies.com | 2 Years | 2 Years | B.E. (Electronics and Telecommunication), PG-DITISS, CDAC, CEH v10 |
| 9. | Chaitanya S. Anant | chaitanya.anant@aqmtechnologies.com | 2 Years | 2 Years | B.E., CDAC, CEH, CIH V2 |
| 10. | Nimesh Kacha | Nimesh.Kacha@aqmtechnologies.com | 2 Years | 2 Years | B.Sc. (Computer Science), CEH, DIPLOMA IN CYBER LAW, ISO 27001 LA |
| 11. | Ankit Sharma | Ankit.Sharma@aqmtechnologies.com | 2 Years | 2 Years | B. Sc (IT), CEH, ECSA, CHFI, ISO 27001 LA |
| 12. | Devender Tinwal | devender.tinwal@aqmtechnologies.com | 1.5 Years | 1.5 Year | CISA (Certification Pending), |
| 13. | KajolMogra | Kajol.Mogra@aqmtechnologies.com | 1.5 Years | 1.5 Year | B.Sc., Masters in Forensic Science, CEH v10 |
| 14. | Vaibhav Mali | Vaibhav.Mali@aqmtechnologies.com | 1 Year | 12 Years | BSc (Computer Science), MBA, ITILv4, , PRINCEv2, CCNA, MCSE, , MCTS & MCP, JNCIA |
| 15. | Durgesh P. Badgujar | Durgesh.Badgujar@aqmtechnologies.com | 1.5 Year | 1.5 Years | CDAC, CEH v10 |
| 16. | Ravindra A | Ravindra.A@aqmtechnologies.com | < 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 | Nakul.Dhamale@aqmtech | 1 | 1 Year | B.E E&TC(2016), CDAC (PG- |

| | | | | | |
|----|--------------------------|---|----------|-----------|---|
| | Dhamale | nologies.com | Year | | DITISS), CEH v10 |
| 18 | Rohit Gondane | rohit.gondane@aqmtechnologies.com | < 1 year | 1 Year | B.E (IT), CEH v10 |
| 19 | Govind Boddepalli | govind.boddepalli@aqmtechnologies.com | < 1 year | 4Years | CEH v10, CHFI, LPT |
| 20 | Sridhar Pulivarthy | sridhar.pulivarthy@aqmtechnologies.com> | < 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 | Gargi.Kulkarni@aqmtechnologies.com | 1 Year | 1 Year | CCNA, CEH v10 |
| 22 | Saurabh Jadhav | Saurabh.Jadhav@aqmtechnologies.com | 1 Year | 1 Year | BE, CDAC PG-DITISS, CEH v10 |
| 23 | Usha Nanduri | usha.nanduri@aqmtechnologies.com> | 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 | shankar.vela@aqmtechnologies.com | >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, Srisailam 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"> ISMS LA SANS - GAWN SANS - GXPN |

| | | | | |
|----|----------------------|-----------|-----|--|
| | | | | <ul style="list-style-type: none"> • CERT-CC Certified Incident Handling, Forensics Analysis and Network Security in CMU, USA |
| 2 | Eswari PRL | Feb 2000 | 19+ | <ul style="list-style-type: none"> • CERT-CC Certified Incident Handling, Forensics Analysis and Network Security in CMU, USA • GREM |
| 3 | Indraveni.K | July 2005 | 14+ | <ul style="list-style-type: none"> • CISA Certified • ISMS LA • SANS GWAPT • SANS Advanced Web Application Penetration Testing and ethical hacking |
| 4 | Tatikayala Sai Gopal | Feb 2007 | 12 | <ul style="list-style-type: none"> • GIAC Security Essentials (GSEC) |
| 5 | Jyostna G | Mar 2006 | 13 | <ul style="list-style-type: none"> • GMOB |
| 6 | Mahesh Patil | Aug-04 | 15 | <ul style="list-style-type: none"> • GREM, ECSA, CEH7 |
| 7 | Sandeep Romana | Sep-07 | 12 | <ul style="list-style-type: none"> • CISSP |
| 8 | Tyeb Naushad | Oct-2008 | 13 | <ul style="list-style-type: none"> • CCNA, ITL, ECSA |
| 9 | Nandeeshwar B | 2008 | 11 | <ul style="list-style-type: none"> • CEH , EC-Council • ECSA • ISMS LA |
| 10 | Rakesh T | 2006 | 13 | <ul style="list-style-type: none"> ➢ CISS ➢ (ISC2) <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.

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

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

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

Commercial

| 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 | 1. Httprint 2. Curl 3. Tcpdump 4. Fimap 5. SwfScan 6. Hydra 7. John the Ripper 8. Sslistest 9. Sslstrip 10. Cain and Abel 11. Brutus 12. Airmon -ng 13. Hping 14. Scapy 15. wsfuzzer | 1. Burpsuite Professional 2. Nessus 3. Core Impact 4. BeStorm 5. BeSecure 6. BeSource 7. HCL AppScan 8. Splunk 9. Nipper 10. Network Miner Pro 11. Netsparker |

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 | Sabee 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 | Gouthem 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

**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
info[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 informationsecurity audits:

| | | |
|--|---|----------------|
| CISSPs | : | 1 |
| BS7799 / ISO27001 LAs | : | 2 |
| CISAs | : | 1 |
| DISAs / ISAs | : | 0 |
| Any other information security qualification | : | CEH, 10 |
| 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 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 | Proprietary | <p>Nessus is a proprietary vulnerability scanner developed by Tenable. Nessus can scan for include:</p> <ul style="list-style-type: none"> • Vulnerabilities that could allow unauthorized control or access to sensitive data on a system. • Misconfiguration (e.g. open mail relay, missing patches, etc.). • 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. | No Major risk involved | Tools will be handled by CyberQ auditor |

| | | | | | |
|----|------------|--------------------|--|------------------------|---|
| | | | <ul style="list-style-type: none"> • Denials of service vulnerabilities | | |
| 2. | Burp Suite | Proprietary | <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"> • 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] • Scanner - A web application security scanner, used for performing automated vulnerability scans of web applications. • 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] • 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. • 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. • Burp Decoder - Free Edition • 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. • Comparer - A tool for performing a comparison (a visual "diff") between any two items of data. • Extender - Allows the security tester to load Burp extensions, to extend Burp's functionality using the security testers own or third-party code (BAppStore) Sequencer - A tool for analyzing | 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"> 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. | No Major risk involved | Tools will be handled by CyberQ auditor |
| 4. | Kali _Linux | Open Source | 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 | Open Source | 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 | <p>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.</p> <p>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.</p> | 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 |

| | | | | | |
|--|--|--|--|--|--|
| | | | | | |
|--|--|--|--|--|--|

*Information as provided by **CyberQ Consulting Pvt Ltd.** on **26th 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 informationsecurity 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 then 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, ECSA |

| | | | | |
|----|--------------------------|----------|-----------|---|
| 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 | ECSA, 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, ECSA |
| 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, CDCCP, 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? If yes, give details No
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 : **Yes**
- Web application security audit : **Yes**
- Wireless security audit : **Yes**
- Compliance audits (ISO 27001, PCI and guidelines from regulators etc.) : **Yes**
- IOT security testing : **Yes**
- Mobile application security : **Yes**
- Secure Configuration reviews : **Yes**
- Source code reviews : **Yes**
- API security assessments : **Yes**
- Cloud security : **Yes**
- Red Teaming : **Yes**
- Secure Network Architecture Review : **Yes**
- Cyber Incident Investigation : **Yes**
- Phishing Campaign : **Yes**

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

| | | |
|--|---|------------|
| Govt. | : | 0 |
| PSU | : | 2 |
| Private | : | 156 |
| Total Nos. of Information Security Audits done | : | 158 |

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 | : | 30+ |
| Wireless security audit | : | 4 |
| Compliance audits (ISO 27001, PCI etc.) | : | |
| 135+ | | |
| Finance Sector Audits (Swift,ATMs, API, Payment Gateway etc.) | : | |
| 4+ | | |
| ICS/OT Audits | : | 2 |
| Cloud security Audits: | : | 10+ |

6. Technical manpower deployed for informationsecurity audits :

| | | |
|-----------------------|------|------|
| CISSPs | : | 0 |
| BS7799 / ISO27001 LAs | / LI | : 25 |
| CISAs | : | 7 |
| DISAs / ISAs | : | 0 |

| | | | |
|--|-----------|------------------|-------------|
| Any other information security qualification | : | 4 | OSCP |
| | 15 | CEH | |
| | 2 | ECSA | |
| | 4 | ISO 22301 | |
| | 1 | CISM | |
| | 6 | CCNA | |
| | 4 | SAP | |
| | 2 | DSCI | |
| | 1 | CPISI | |
| | 7 | ITIL | |
| | 1 | GDPR FAS | |
| | 2 | RHCS | |

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.

| | | |
|---|---|--|
| Leading IT / ITES Service Provider | <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"> • Physical Security - Entity; • Physical Security - Restricted Area; • Human Resource; • Master Service Agreement Monitoring; • Data Security and Confidentiality; • Environmental Controls, Capacity & Continuity; • Logical Access; • Anti-virus; • Global Telecom Operations; • Back-up; • Security Incident Management; and • Other client specific control areas | Countries: 16 Facilities covered:57 |
|---|---|--|

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

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

*Information as provided by **Grant Thornton Bharat LLP** on **2nd 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 | Juhe 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), DCPP (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, 8th 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
- Mobile Application Security Audit : Yes
- Secure configuration audit (Server, Firewall, etc.) : Yes
- Source Code Review : Yes
- Finance Sector Audits (Swift, ATMs, API, Payment Gateway etc.) : Yes
- Information security policy review and assessment against best security practices/Information System Audit : Yes
- IOT security Testing : Yes
- API Security Assessments : Yes
- Telecom security : Yes
- Secure Network Architecture Review : Yes
- Digital forensic : Yes
- Cyber Incident Response : Yes
- Data leak Monitoring : Yes
- Cyber Threat Intelligence/Open Source Intelligence : Yes
- Red Team : Yes
- Breach and Attack Simulation (BAS) : Yes
- Brand Monitoring : Yes
- Phishing Campaign : Yes
- ICS/OT security Audits : Yes
- Cloud security Audits : Yes
- Brand monitoring : Yes
- Threat Hunting : Yes

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

| | | |
|--|---|-------------|
| Govt. | : | 20+ |
| PSU | : | 30+ |
| Private | : | 70+ |
| 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: | 70+ |
| Web-application security audit: | 80+ |
| Wireless security audit: | 20+ |
| Compliance audits (ISO 27001, PCI, etc.): | 25+ |
| Mobile Application Security audit | 25+ |
| Secure configuration audit (Server, Firewall, etc.) | 35+ |
| Source Code Review | 15+ |
| Finance Sector Audits (Swift, ATMs, API, Payment Gateway etc.) | 45+ |

| | |
|-------------------------------|------------|
| ICS/OT Audits | 15+ |
| Cyber Incident response | 20+ |
| Cloud security Audits | 15+ |
| Threat Hunting and advisories | 10+ |

6. Technical manpower deployed for informationsecurity 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 <organization> | Experience in Information Security | Qualifications related to Information security |
|--------|-------------------|------------------------------|------------------------------------|--|
| 1 | Sony Anthony | 20yrs | 26yrs | ISO 27001, ISO 22301, ISO 20000 |
| 2 | Manish Tembhurkar | 8yrs | 19yrs | CEH, CCNA, CISA, ISO 22301 |
| 3 | Urmimala Dasgupta | 11yrs | 15yrs | CEH, ISMS-27001:2013, ITIL, QualysGuard |
| 4 | Anupama Atluri | 11yrs | 15yrs | CEH, CCSK, ISO Lead Implementer, IBM Certified Pentester |
| 5 | Areeb Naqi | 5yrs | 8yrs | OSCP,CEH, ISO 27001 LA, ECIH,CISM |
| 6 | Sohil Thanki | 8yrs | 11yrs | CISA, ISO 27001 LA, ISO 23001 |
| 7 | Rishabh Dangwal | 6yrs | 9yrs | OSCP, CEH,CISM |
| 8 | Abhishek Dashora | 6yrs | 8yrs | CEH, CCSK |
| 9 | Harsha Bhatt | 7yrs | 8Yrs | OSCP, CCSK, Blockchain |
| 10 | Anish Mitra | 7Yrs | 11Yrs | OSCP, CEH,ECSA, CCSK,ITIL, Qualys Certified Pen tester |

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.
- Value of the engagement is more than INR 10Cr

Cyber Forensics Incident Investigation for Large E-Commerce Organization:

- 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

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 5Cr

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 1Cr.

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 includes review of device security configuration, vulnerability assessment, technical security testing and review of OT security policy and procedures.

Cyber security audit of critical infrastructure:

- KPMG is working with a leading company to assess the security controls in IT and operationaltechnology (OT) systems .
- The security assessment includes the review of their information security policy, OT system applications and web application security testing, network device vulnerability assessment & security configuration, server systems & workstation systems audit.
- The activity also includes secure network architecture review of Data centers/OCCs , develop & document emergency contingency plan and cyber crisis management plan for IT & OT facilities of SCADA,BMS,S&T & IT.
- The value of engagement is more than INR 35 Lakhs.

Cyber security audit of critical infrastructure for a leading Oil and Gas organization:

- KPMG is working with a leading oil and gas company to assess the security controls in IT and operational technology (OT) systems which are deployed in their refinery and pipeline locations across multiple locations in India.
- The security assessment includes application security, review of device security configuration, security assessment of network devices, critical servers & systems

- such as DCS,HMI, engineering workstations, SCADA systems, industrial control systems(ICS) et al.
- The activity also includes Network architecture review of IT & OT landscape, technical security testing and review of OT security controls with respect to industry standards and best practices.

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, 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 3Cr.

Cyber Security Assessment of Large Oil and Gas Company:

- KPMG has worked with one of the largest oil company of India, to secure their infrastructure and application environment through continues security testing .
- KPMG has conducted Vulnerability Assessment and penetration Testing of client's critical infrastructure and supported them in mitigating any reported security flaws.
- KPMG has performed the security assessment of applications which includes the manual security testing of organization's business critical applications, internet facing applications, Web services and mobile application.
- KPMG has supported the organization in implementing the security configuration of their critical assets.
- KPMG has performed the Daily Website Monitoring of business-critical applications and present the weekly reports for any changes observed and the vulnerability present across the website.
- The overall value of the project is approximately INR 1.5Cr.

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 : 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: KPMG Assurance and Consulting Services LLP on 8th June 2022

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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 – 6th year in progress – INR 50 L
 - SIDBI – ISO27001 – Certification, Surveillance and Sustenance of ISO 27001 – 5th year in progress – INR 40L+
 - PNB – ISO27001/22301/20000 and VAPT – Sustenance – 4th 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 – 10th 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. L0ptcrack: 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 : 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 : No

*Information as provided by Mahindra Defence Systems Limited (Division Mahindra Special Services Group) on 26th 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 andequivalent:**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 <2nd July 2021>

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

M/s Paladin 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) : **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. | : | 7 |
| PSU | : | 2 |
| Private | : | more than 100 |
| Total Nos. of Information Security Audits done | | : more than 300 |

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

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

6. Technical manpower deployed for informationsecurity audits :

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

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

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 **26th 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, 5th Floor, Tej House, 5MG 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 | : | 10+ |
| 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 | : | 0 |
| Compliance audits (ISO 27001, PCI, etc.) | : | 0 |

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 | RewanThammana | 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. Smtpscan
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 security
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 26th October 2020

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**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 informationsecurity 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 Administrator 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 Decomplier
- VBReFormer
- Brutus
- APKInspector
- Error-Prone
- Echo Mirage
- Interactive TCP Relay
- NMAP
- Wikto
- Xprobe
- SINF
- Hping2
- Wireshark Network Stuff
- Process Monitor
- Scanrand Superscan
- Bowser 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

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**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. | : | 12 |
| PSU | : | 05 |
| Private | : | 04 |
| Total Nos. of Information Security Audits done | : | 21 |

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

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

6. Technical manpower deployed for informationsecurity audits :

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

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 | 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 26th 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 | - | Yes |
| • Web-application security audit | - | Yes |
| • Wireless security audit | - | Yes |
| • Compliance audits (ISO 27001, PCI, etc.) | - | Yes |
| • Comprehensive Risk Management | - | Yes |
| • Application Security | - | Yes |
| • Vulnerability Assessment | - | Yes |
| • Code Security Review | - | Yes |
| • Enterprise Architecture Review | - | Yes |
| • Development & Review of Policy & Procedures | - | Yes |
| • Policy Implementation Review | - | Yes |
| • Regulatory Consultancy | - | Yes |
| • Custom ISMS Consultancy | - | Yes |
| • Training Services | - | Yes |
| • User & Identity Management | - | Yes |
| • Single Sign On | - | Yes |
| • Application Architecture Review | - | Yes |
| • Operational Security Guidelines | - | Yes |
| • Social Engineering Assessment | - | Yes |
| • Setting secure SDLC practice and Code security review | - | Yes |
| • Process Security Testing | - | Yes |
| • Red Teaming Assessments | - | Yes |
| • Physical Access and Environment Security Controls Review | - | Yes |
| • Advanced Penetration Resilience Testing | - | Yes |
| • Enterprise Security Architecture Review | - | Yes |

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

| | | |
|--|---|------------|
| Govt. | : | 196 |
| PSU | : | 367 |
| Private | : | 293 |
| Total Nos. of Information Security Audits done | : | 856 |

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

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

- 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 informationsecurity audits: 82

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

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) of IPs
 - 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. Htpprint
 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?
If yes, give details : **No**

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.
3rd 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 informationsecurity 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 <organization> | 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
- Metasploit
- 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 informationsecurity 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 <organization> | Experience in Information Security | Qualifications related to Information security |
|--------|----------------------|---|------------------------------------|--|
| 1. | Akash Joshi | 4+ | 5+ | ECSA, CHFI, ISO 27001 LA, CEH, MSC (Cyber Security) |
| 2. | Rohit Thakur | 1 | 4+ | CEH |
| 3. | Raja Nagori | 1 | 4+ | CEH |
| 4. | Ajay Shrimali | 2+ | 2+ | CEH |
| | | 4.5+ | 4.5+ | B-Tech (Information |

| | | | | |
|----|----------------------|--|--|------------------------|
| 5. | Saransh Rawat | | | Technology) CEH |
|----|----------------------|--|--|------------------------|

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 PhishInfielder (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?
If yes, give details : No
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. | : | 10 |
| PSU | : | 20 |
| Private | : | 50 |
| Total Nos. of Information Security Audits done : | | 80+ |

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

- | | | |
|---|---|-----------|
| • Network security audit | : | 15 |
| • Vulnerability Assessment | : | 75 |
| • External Penetration Testing | : | 50 |
| • Web and Mobile application security audit | : | 50 |
| • Wireless security audit | : | 10 |
| • Compliance audits (ISO 27001, PCI, etc.) | : | 20 |
| • Red Teaming Assessment | : | 2 |
| • Phishing Simulation Exercise | : | 4 |

6. Technical manpower deployed for informationsecurity audits :

| | | |
|---|---|-----------|
| CISSPs | : | 10 |
| BS7799 / ISO27001 LAs | : | 20 |
| CISAs | : | 8 |
| Any other information security qualification (CEH, ECSA, Pentester Academy, CREST) | : | 15 |
| 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 Tata Communications | Experience in Information Security | Qualifications related to Information security |
|--------|------------------|-----------------------------------|------------------------------------|--|
| | | | | |

| | | | | |
|---|---|----|-----|---|
| 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 Srabikal <nissmole.srabikal@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? : No
If yes, give details
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: 8003311133

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) YES
- 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 informationsecurity 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 Burla | 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 Ukkenn | 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 : 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 AKS Information Technology Services Pvt. Ltd. on 01st 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. | : | 34 |
| PSU | : | 10 |
| Private | : | 28 |
| Total Nos. of Information Security Audits done | : | 72 |

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 | : | 86 |
| Mobile security audit | : | 12 |
| Server-side audits | : | 02 |
| Source Code Reviews | : | 02 |
| Database Functionality Test | : | 01 |
| Compliance audits (ISO 27001, IEC 62443, IEC 27019, PCI, etc.) | : | 01 |
| Finance Sector Audits (Swift,ATMs, API, Payment Gateway etc.) | : | 04 |
| ICS/OT Audits | : | 01 |
| Cyber Forensic audit | : | 01 |

6. Technical manpower deployed for informationsecurity audits :

| | | |
|---|---|-----------|
| CISSPs | : | 01 |
| BS7799 / ISO27001 LAs | : | 10 |
| CISAs | : | 04 |
| DISAs / ISAs | : | 00 |
| Any other information security qualification: | | |
| • CEH / ECSA / OSCP | : | 09 |
| • CHFI | : | 02 |
| • CISM | : | 02 |
| • CCP / CCNA / ICSI | : | 03 |
| 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)

| S. No. | Name of Employee | Duration with <organization> | 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"> • Burp Suite professional • Nessus Professional • Rapid7 (Nexpose) • Qualis (On demand) • Acunetix • EnCase • SonarCube | <ul style="list-style-type: none"> • Kali Linux and applications • OWASP-ZAP • Open Vas • SQLMAP • AirCrack Suite • Zenmap • Vega • Nikto • Wireshark • Metasploit • TestSSL • SSLScan • MobSF • Android Emulator • Hydra • Ubuntu VMs • DirBuster etc. | <ul style="list-style-type: none"> • Custom developed Scripts for cyber forensic |

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, Smshing: 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 informationsecurity 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 Postin g | Working with the organization since (month & year) | Information Security related qualification s (CISSP/ISM S LA / CISM/ CISA/ ISA etc., state as applicable) | Total experien ce in informati on security related activities (years) | Credential s verified by organizati on (Yes/No) | Self-signed copy of Passpor t (if any) (Yes/No) | Specify in Yes/No whether the person will be deployed for government and critical sector audits/proje cts |
|---------|----------------------------|-------------------|--|---|---|---|--|---|
| 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. |
|------|------------------------------|------------------------------------|---|------------------|
| | | | | |

| | | | | |
|---|---------|---|--|---|
| 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 rd 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 do not outsource security auditing work to 3rd 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 3rd 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 **2nd 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, ShivajiPark, 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 |
| 10 | Pune | 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 |
| 11 | Raipur | Unit No 004, 9th Floor, Tower C Commercial Complex, CBD, Sector 21, Naya Raipur Raipur, Chhattisgarh 492002, India Telephone: [91] (771) 242 9100 |
| 12 | Shimla | PricewaterhouseCoopers Pvt Ltd Eastlin Complex, Near Himurja SDA Commercial Complex Kusumti, 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 informationsecurity audits :

CISSPs : **10+**

BS7799 / ISO27001: **100+**

CISAs : **10+**

DISAs / ISAs : **1**

Any other information security qualification:**400+ (OSCP, CEH, CISM, DCPP 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 PwC | Experience in Information Security | Qualifications related to Information security |
|--------|------------------|--------------------------|------------------------------------|--|
| 1. | Rajinder Singh | 7+ years | 16+ years | <ul style="list-style-type: none"> • CISSP • CIPP/US, CIPP/E, CIPT, FIP • DCPP • CEH • BCCS |

| | | | | |
|---|--------------|----------|-----------|--|
| | | | | <ul style="list-style-type: none"> • CISRA • CCNA • ISO31000 • ISO27001 |
| 2 | Ankit Goel | 5+ years | 11+ years | <ul style="list-style-type: none"> • OSCP • CEH • OWASP Member |
| 3 | Faiz Haque | 7+ years | 7+ years | <ul style="list-style-type: none"> • ISO 27001 LA • ISO 22301:2012 LA • BS 10012 • DCPP • ISO 27001 LI • TOGAF 9 |
| 4 | G Karthik | 3+ years | 3+ years | <ul style="list-style-type: none"> • OSCP • ISO 9001:2015 LA |
| 5 | Sameer Gupta | 4+ years | 4+ years | <ul style="list-style-type: none"> • Associate of (ISC)2 towards Certified Information Systems Security Professional (CISSP) • DCPP • ISO 31000 • ISO 27001 LA • ISO 27001 LI |

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, 2nd 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) | : | <u>Yes</u> |
| • Web-application security audit (Y/N) | : | <u>Yes</u> |
| • Wireless security audit (Y/N) | : | <u>Yes</u> |
| • Compliance audits (ISO 27001, PCI, etc.) (Y/N) | : | <u>Yes</u> |
| • Cyber Forensics investigations | : | <u>Yes</u> |
| • API Security Audit | : | <u>Yes</u> |
| • Mobile Application Security Audit (iOS, Android) | : | <u>Yes</u> |
| • Source Code Review/Audit | : | <u>Yes</u> |
| • IS Audit | : | <u>Yes</u> |
| • Network Performance Testing | : | <u>Yes</u> |
| • SOC 2 Type 1 & Type 2 | : | <u>Yes</u> |
| • GDPR Compliance | : | <u>Yes</u> |
| • Load Testing | : | <u>Yes</u> |
| • ISNP Audit | : | <u>Yes</u> |
| • Root Cause Analysis | : | <u>Yes</u> |
| • AUA/KUA (Aadhaar Audit) | : | <u>Yes</u> |
| • AEPS & Aadhaar Pay Micro ATM Audit | : | <u>Yes</u> |
| • Email Spear Phishing | : | <u>Yes</u> |
| • Compliance Audit (RBI, SEBI, NHB, Stock Exchanges) | : | <u>Yes</u> |
| • IT/OT Infrastructure Audit | : | <u>Yes</u> |
| • IT General Controls | : | <u>Yes</u> |
| • Cloud Security Audit | : | <u>Yes</u> |
| • e-Sign Compliance audit | : | <u>Yes</u> |
| • Backend Architecture Review | : | <u>Yes</u> |
| • Process and Policy Review | : | <u>Yes</u> |
| • IoT Security Assessment | : | <u>Yes</u> |
| • Red Team Assessment | : | <u>Yes</u> |
| • Incident Response | : | <u>Yes</u> |
| • Server & Database Configuration Review | : | <u>Yes</u> |
| • Thick Client Security Audit | : | <u>Yes</u> |
| • Data Localization Audit | : | <u>Yes</u> |
| • Networking Device Configuration Audit | : | <u>Yes</u> |
| • SCADA Security Audit | : | <u>Yes</u> |

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

| | | |
|--|---|---------------------|
| Govt. | : | <u>760+</u> |
| PSU | : | <u>20+</u> |
| Private | : | <u>232+</u> |
| Total Nos. of Information Security Audits done | : | <u>1012+</u> |

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

| | | |
|--|---|--------------------|
| Network security audit | : | <u>35+</u> |
| Web-application security audit | : | <u>764+</u> |
| Wireless security audit | : | <u>10+</u> |
| Compliance audits (ISO 27001, PCI, etc.) | : | <u>4+</u> |
| Cyber Forensics investigations | : | <u>2+</u> |
| API Security Audit | : | <u>25+</u> |
| Mobile Application Security Audit (iOS, Android) | : | <u>28+</u> |

| | | |
|--|---|------------|
| Source Code Audit | : | <u>4+</u> |
| IS Audit | : | <u>20+</u> |
| ISNP Audit | : | <u>5</u> |
| AUA/KUA (Aadhaar Audit) | : | <u>10+</u> |
| AEPS & Aadhaar Pay Micro ATM Audit | : | <u>19+</u> |
| Compliance Audit (RBI, SEBI, NHB, Stock Exchanges) | : | <u>10+</u> |
| IT Infrastructure Audit | : | <u>15+</u> |

6. Technical manpower deployed for information security audits :

| | | |
|--|---|-----------|
| CISSPs | : | <u>1</u> |
| BS7799 / ISO27001 Las | : | <u>1</u> |
| CISAs | : | <u>1</u> |
| DISAs / ISAs | : | <u>0</u> |
| Any other information security qualification | : | <u>20</u> |
| Total Nos. of Technical Personnel | : | <u>25</u> |

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. | : | 18 |
| PSU | : | 06 |
| Private | : | 49 |
| Total Nos. of Information Security Audits done | : | 73 |

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 | : | 42 |
| Wireless security audit | : | 1 |
| Compliance audits (ISO 27001, PCI, etc.) | : | 29 |
| Data Migration Audit | : | 1 |
| CBS/ERP Application Security Assessments | : | 1 |
| Internet Banking & Mobile Security Audit | : | 10 |
| Information Security Policy Formulation & assessment | : | 3 |
| AUA/KUA Audit | : | 4 |

6. Technical manpower deployed for information security audits :

| | | |
|--------------|---|-----------|
| CISSPs | : | 1 |
| CISAs | : | 11 |
| ISO27001 LAs | : | 7 |
| BS 10012 | : | 9 |
| BS25999 | : | 1 |
| DISAs / ISAs | : | 2 |

| Any other information security qualification: | |
|---|-------------|
| 1. Certified Ethical Hacker | : 3 |
| 2. M.Sc/M.Tech- Cyber Forensics and Information Security: | : 3 |
| 3. PG Diploma in Cyber Law | : 1 |
| 4. System Security Certified Practitioner | : 1 |
| 5. CloudU | : 1 |
| 6. CRisc | : 1 |
| 7. CDCP | : 1 |
| 8. ECSA | : 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) : **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. Pdump
- 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?
 If yes, give details : **No**

13. Locations of Overseas Headquarters/Offices, if any

: **No**

*Information as provided by Yoganandh & Ram LLP

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| Sl.No | Name of Employee | Duration with organization | Experience in Information Security | Qualifications related to Information security |
|--------------|-------------------------|-----------------------------------|---|---|
| 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), |

**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) : **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. | : | 125 |
| PSU | : | 20 |
| Private | : | 40 |
| Total Nos. of Information Security Audits done | : | 185 |

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

| | | |
|--|---|------------|
| Network security audit | : | 75 |
| Web-application security audit | : | 200 |
| Wireless security audit | : | 0 |
| Compliance audits (ISO 27001, PCI, etc.) | : | 25 |

6. Technical manpower deployed for information security audits :

| | | |
|--|---|--------------------------|
| CISSPs | : | 0 |
| BS7799 / ISO27001 LAs | : | 14 |
| CISAs | : | <number of> |
| DISAs / ISAs | : | <number of> |
| Any other information security qualification | : | <number of> |
| Total Nos. of Technical Personnel | : | 43 |

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 | Chandra Sekhar 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 | NandlaJadav | 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)codeGujratandare 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 POTP/PTN Access Systems, SDH/SONET based Optical Networking Equipment, Telecom Element management , Dos Mitigation Platform etc.based on Common Criteria standards (<https://www.commoncriteriaportal.org/>)
- 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, Webinspect

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? If yes, give details : Yes/ No
13. Locations of Overseas Headquarters/Offices, if any : Yes/No

*Information as provided by **STQC IT, Kolkata** on **26th 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 |

| | |
|---|----|
| CCSA | 1 |
| ITIL | 13 |
| Prince2 Practitioner | 1 |
| CCNA | 8 |
| Blockchain Essential | 1 |
| CDPSE | 1 |
| PCI DSS | 2 |
| DCPP | 1 |
| AWS Solutions Architect - Associate | 2 |
| AWS Security Fundamentals | 3 |
| ICSI | 4 |
| ECSA | 4 |
| OPSEC | 2 |
| COBIT 5 Implementer | 2 |
| JCHNP | 1 |
| ACSE | 1 |
| CISM | 2 |
| CPISI | 1 |
| Beyond Trust | 1 |
| One Trust | 16 |
| Carbon Black Associate Analyst (EDR) | 4 |
| Carbon cloud Black | 1 |
| Carbon Black Advanced Analyst | 1 |
| Rapid 7 Insight VM | 2 |
| CompTIA Security + | 3 |
| CNSS | 8 |
| Fortinet Network Security Expert | 5 |
| Qualys Vulnerability Management | 4 |
| Splunk | 3 |
| Microsoft Azure Security Certified(AZ-500) | 4 |
| API Security Architect | 1 |
| SAP | 3 |
| CCENT | 1 |
| CISEH | 1 |
| DSCI Certified Privacy lead Assessor (DCPLA) | 2 |
| GDPR Practitioner | 3 |
| IBM Agile Explorer | 1 |
| RSA Certified Security Professional | 1 |
| Cyber Ark | 4 |
| CISSP | 2 |

| | |
|---|-----|
| CSA-Cloud security alliance STAR certification | 2 |
| ITSM | 1 |
| CCSK | 1 |
| AML | 1 |
| Basell | 1 |
| Green Belt | 1 |
| Certified Crisis Management Specialist | 1 |
| CIAM (Certified Identity and Access Manager) | 1 |
| Oracle Certifications | 3 |
| Cloud Certifications | 4 |
| Total | 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:

| Sr. No. | Name | Years with Protiviti | Total years of experience | Graduation | Post Graduation | Certifications |
|---------|------------------|----------------------|---------------------------|-------------|---------------------------------|---|
| 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 Management - 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> | <u>M.Sc.</u> 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 |

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|----|---------------|------|------|------------------------------|---------------------------------------|---|
| 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 Kochhar | 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 |

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|----|-----------------------|------------|-----|-----------------------------|-------------------------------------|--|
| 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 (RHCSE), 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 |

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|----|----------------------|------------|-----|---------------------------------|---|---|
| 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 |

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|----|----------------|------------|-----|--|---|--|
| 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 |

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|----|-------------------------------|------------|-----|--|--|---|
| 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 |

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|----|-----------------|------------|------|----------------------------------|--------------------------------------|---|
| 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 | |

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|----|------------------|------------|------|--|---|---|
| | | | | | | |
| 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 | | |

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|----|-----------------|-------------|-----|---------------------|------------------------|--|
| 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 |

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|----|--|------------|------|---------------------------|---|---|
| 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 | | |

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|-----|------------------------|------|-----|----------------------|-----|--|
| 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 | Snigdh Mayank | 1.7 | 5+ | B.Tech | NA | ISO 27001:2013 Lead Implementer |
| 106 | Omair 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 | | | |

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|-----|--------------------|------|---|--|--|---|
| 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 | Karthik 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 |

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|-----|-----------------------|-----|-----|--|--|---|
| 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 |

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|-----|--------------------------|-----|-----|--|--|
| 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: Performing themed 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 Axiom
- 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, Nexus 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, São 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 Código 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^o 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. | : | 5+ |
| PSU | : | 5+ |
| Private | : | 75+ |
| 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 | : | <20+> |
| Red Team Assessment | : | <5+> |
| Wireless security audit | : | <5+> |
| Forensic Analysis and Incident Response | : | <5+> |
| Compliance audits (ISO 27001, PCI, etc.) | : | <10+> |

6. Technical manpower deployed for informationsecurity audits :

| | | |
|-----------------------|---|------------------|
| CISSPs | : | <2> |
| CISM | : | <3> |
| OSCP | : | <6> |
| BS7799 / ISO27001 LAs | : | <3> |
| CISAs | : | <2> |

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 <eSec Forte Technologies> | Experience in Information Security | Qualifications related to Information security |
|--------|------------------|--|------------------------------------|--|
| 1 | Sachin Kumar | 2011 | 15 Years | 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 |
|----|-----|------|--------|-------------------------------|

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
 - Nmap
 - 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, Logrhythm, 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 | : | Yes |
| • Web-application security audit | : | Yes |
| • Wireless security audit | : | Yes |
| • Compliance audits (ISO 27001, PCI, etc.) | : | Yes |
| • Mobile Security audit | : | Yes |
| • Red Team and Blue Team Assessments | : | Yes |
| • Source Code Review | : | Yes |
| • Web and Mobile Application Security Testing (VAPT) | : | Yes |
| • Network, Server and Firewall Security Testing (VAPT) | : | Yes |
| • Vulnerability Assessment and Configuration Assessment | : | Yes |
| • SAP Security Audits | : | Yes |
| • IOT, Embedded and SCADA Security Assessments | : | Yes |
| • Cyber Security Threat Analysis | : | Yes |
| • Compromised Assessments | : | Yes |
| • Incidence Management and Response | : | Yes |
| • Reverse Engineering and Forensic Assessments | : | Yes |
| • Building & Maintaining Security Operations Centre (SOC) | : | Yes |
| • Managed Security Services (MSS) | : | Yes |
| • Managed Detection and Response (MDR) | : | Yes |
| • Security Awareness Trainings | : | Yes |
| • Physical Access Controls & Security Testing | : | Yes |
| • Business Continuity Disaster Recovery Planning (BCP-DRP) | : | Yes |
| • Regulatory Compliance Implementation and Management (RBI, NCIIPC, IRDA, ISNP, SEBI, TRAI) | : | Yes |
| • International Cyber Security Framework (ISO, NIST, ISACA, SANS, CIS) | : | Yes |

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

| | | |
|--|---|------------|
| Govt. | : | 4 |
| PSU | : | NA |
| Private | : | 50+ |
| 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 | : | 20+ |
| Web-application security audit | : | 50+ |
| Wireless security audit | : | 3 |
| Mobile Security audit | : | 15+ |
| Compliance audits (ISO 27001, PCI, etc.) | : | 3 |

6. Technical manpower deployed for informationsecurity audits:

| | | |
|---|---|-----------|
| CISSPs | : | NA |
| BS7799 / ISO27001 LAs | : | NA |
| CISAs | : | 2 |
| DISAs / ISAs | : | NA |
| Any other information security qualification: | | |
| 20CEH, 2 OSCP, 8ECIH, 7 CTIA, 5 ECSA, 2 CHFI, 1 ECSP.Net, 7 CCNA | | 47 |
| Total Nos. of Technical Personnel | : | 50 |

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 | 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?
If yes, give details : **No**
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. | : | 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 | : | 5+ |
| Web-application security audit | : | 15+ |
| Wireless security audit | : | 5+ |
| Compliance audits (ISO 27001, PCI, etc.) | : | 4+ |

6. Technical manpower deployed for informationsecurity audits :

- | | | |
|--|---|-----------|
| BS7799 / ISO27001 LAs | : | 2 |
| CISAs | : | 3 |
| DISAs / ISAs | : | 1 |
| Any other information security qualification | : | 3 |
| Total Nos. of Technical Personnel | : | 5+ |

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. | 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. | : | 371+ |
| 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. ISMS | : | 01 |
| 2. OSCP | : | 01, |
| 3. CEH | : | 04, |
| 4. ECSA | : | 01, |
| 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, Nmap, 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? If yes, give details : No
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) : **Y**
- Web-application security audit (Y/N) : **Y**
- Wireless security audit (Y/N) : **Y**
- Compliance audits (ISO 27001, PCI, etc.) (Y/N)
(Assessments) : **Y**

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

| | |
|--|----------------------------|
| Govt. | : <number of> |
| PSU | : 1 |
| Private | : 7 |
| Total Nos. of Information Security Audits done | : 8 |

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 | : 2 |
| Wireless security audit | : NA |
| Compliance audits (ISO 27001, PCI, etc.) | : 1 |

6. Technical manpower deployed for informationsecurity audits :

| | |
|--|----------------------------|
| CISSPs | : NA |
| BS7799 / ISO27001 LAs | : 4 |
| CISAs | : 2 |
| DISAs / ISAs | : NA |
| Any other information security qualification | : CISM - 4, CEH - 8 |
| 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 BASL | Experience in Information Security | Qualifications related to Information security |
|--------|------------------|--------------------|------------------------------------|--|
| 1 | Aamir Banday | 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 : **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 : **No**

*Information as provided by **Bharti Airtel Services Limited** on **23-Oct-2020**

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**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-DSSetc.) (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: | 37 |
| Web-application security audit: | 82 |
| Wireless security audit: | 07 |
| Compliance audits (ISO 27001, PCI, etc.): | 08 |
| IT Risk Assessments: | 06 |
| Formation and Review of IT Security Policy: | 14 |
| Mobile Application Security Audit: | 24 |
| IoT Security Audit: | 02 |
| SDLC Review and Code Security Review: | 04 |
| IT General Controls Review: | 02 |
| Configuration Audits: | 09 |

6. Technical manpower deployed for informationsecurity 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 Codec Networks Pvt Ltd | 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.

| | |
|------------------|---|
| Project 1 | The client is a reputed scheduled commercial bank(Client Name is kept confidential due to signed NDA and taking care sensitivity of Data Security) 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. PO Value of the one cycle of assessment was 1.25 Lacs. |
| Project 2 | 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) 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. PO Value of the one cycle of assessment was 2.75 Lacs |
| Project 3 | 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). 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. PO Value of the one-year contract terms was 6.8 Lacs |
| Project 4 | The client is one of the top Fintech start-ups specialise in offering |

| | |
|-------------------|--|
| | <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> |
| Project 5 | <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> |
| Project 6 | <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> |
| Project 7 | <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> |
| Project 8 | <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> |
| Project 9 | <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> |
| Project 10 | <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> |
| Project 11 | <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> |
| Project 12 | <p>The Client is a Global Leader in Mobile Financial Services & 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 | L0pth 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 **01st 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 informationsecurity 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

| <i>Sl. No.</i> | <i>Name of Employee</i> | <i>Duration with ITORIZIN TECHNOLOGY SOLUTIONS PVT LTD</i> | <i>Experience in Information Security</i> | <i>Qualifications related to Information security</i> |
|--------------------|-----------------------------|--|---|--|
| 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**

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**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 informationsecurity 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 st Feb 2017 | 30+ years | CISSP, CCNA |

| | | | | |
|----|-----------------------|-----------------------------|-----------|---|
| 2 | Smith Gonsalves | 1 st Feb 2017 | 5+ years | OSCP, CHFI, CEH. Certified Advance Penetration Tester |
| 3 | Sudipta Biswas | 1 st May 2017 | 15+ years | CEH, ISMS LA, STQC-CISP, STQC-Certified Internal Information Security Auditor |
| 4 | Soumadeep Chakraborty | 12 th April 2017 | 3+ years | CEH |
| 5 | Sanjib Chowdhury | 4 TH March 2019 | 3+ years | CISA, PCI-DSS, ISO 27001 |
| 6 | Subhamoy Guha | 4 th March 2019 | 2 years | CEH, ECSA |
| 7 | Tapas Majumder | 10 th Oct 2019 | 5+ years | CISA, ISO 27001 Lead Auditor |
| 8 | Saurabh Sarkar | 29 th Nov 2017 | 8+ years | ISO 27001 Lead Auditor |
| 9 | Ajai Srivastava | 16 th Sept 2019 | 12+ years | ISO 27001 Lead Auditor, Lead Implementer 27001 & 9001 |
| 10 | Sabyasachi Hazra | 16 th 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, NetSpark, 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. | : | One (1) |
| • PSU | : | Zero |
| • Private | : | Sixty (60) |
| • Total Nos. of Information Security Audits done | : | Sixty (60) |

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 | : | 35 |
| • Wireless security audit | : | 1 |
| • Compliance audits (ISO 27001, PCI, etc.) | : | 40 |
| • Vulnerability Assessment | : | 100 |
| • Penetration Testing | : | 100 |
| • Mobile Application Security Testing | : | 15 |
| • API Security Testing | : | 25 |

6. Technical manpower deployed for informationsecurity audits:

- | | | |
|---|---|------------------|
| • CISSPs | : | None |
| • BS7799 / ISO27001 LAs | : | Six(6) |
| • CISAs | : | Three (3) |
| • DISAs / ISAs | : | None |
| • Any other information security qualification: | | |
| • CISM: One (1) | | |
| • CDPSE: Two (2) | | |
| • CRISC: One (1) | | |
| • CEH: Five (5) | | |
| • CHFI: One (1) | | |
| • ECSA: One (1) | | |
| • OSCP: One (1) | | |
| • PCI-QSA: Five(5) | | |
| • PA-QSA: One (1) | | |
| • PCI-3DSA: One (1) | | |

▪ **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, HIPPA, 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. HTTTrack
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. | : | 14+ |
| 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 | : | 15+ |
| Web-application security audit | : | 100+ |
| Wireless security audit | : | 10+ |
| Compliance audits (ISO 27001, IEC 62443, IEC 27019, PCI, etc.) | : | 20+ |
| Finance Sector Audits (Swift,ATMs, API, Payment Gateway etc.) | : | 30+ |
| ICS/OT Audits | : | 4+ |
| Cloud security Audits | : | 20+ |
| Device Security Audits | : | 50+ |
| RBI Audits | : | 10+ |

6. Technical manpower deployed for informationsecurity audits:

| | | |
|--|---|----------------------|
| CISSPs | : | 3 |
| BS7799 / ISO27001 LAs | : | 14 |
| CISAs | : | 2 |
| DISAs / ISAs | : | 2 |
| Any other information security qualification | : | 15(CEH etc..) |
| 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)

| 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 22ND Feb 2022

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

M/s Sattrix Information Security Pvt. Ltd.

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

Sattrix 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. | : | 0 |
| PSU | : | 0 |
| Private | : | 3 |
| Total Nos. of Information Security Audits done | : | 3 |

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 | : | 3 |
| Compliance audits (ISO 27001, PCI, etc.) | : | 0 |

6. Technical manpower deployed for informationsecurity audits :

| | | |
|--|---|------------------------|
| CISSPs | : | 1 |
| BS7799 / ISO27001 LAs | : | 2 |
| CISAs | : | 1 |
| DISAs / ISAs | : | 0 |
| Any other information security qualification | : | CEH, MF Fortify |
| 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 Sattrix | 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) | : | Y |
| Web-application security audit (Y/N) | : | Y |
| Wireless security audit (Y/N) | : | Y |
| Compliance audits (ISO 27001, PCI, etc.) (Y/N) | : | Y |
| Android Security Audit(Y/N) | : | Y |
| IOS security Audit(Y/N) | : | Y |
| IOT Security Audit(Y/N) | : | Y |

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

| | | |
|--|---|----------|
| Govt. | : | 0 |
| PSU | : | 0 |
| Private | : | 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 | : | 4 (500+ Servers & 250+ Network Devices) |
| Web-application security audit | : | 20+ Applications |
| Wireless security audit | : | 4 |
| Android Security Audit | : | 3 |
| IOS security Audit | : | 1 |
| Compliance audits (ISO 27001, PCI, etc.) | : | NIL |

6. Technical manpower deployed for informationsecurity audits :

| | | |
|-----------------------------------|---|------------|
| CISSPs | : | 1 |
| BS7799 / ISO27001 LAs | : | N/A |
| CISAs | : | N/A |
| DISAs / ISAs | : | N/A |
| CEH | : | 4 |
| ECSA | : | 1 |
| CHFI | : | 2 |
| Total Nos. of Technical Personnel | : | 7 |

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 | Network Devices150+ Servers: 350+ Web - Applications: 15+ Mobile Application (Android & IOS): 20 | On-prem and multi-cloud Infra spread across various availability zones. The organization houses multi-vendor SaaS products including inhouse application servicing 4000+ mobile workforce across 34 locations | Ahmedabad Bhubaneswar Bangalore Mumbai Delhi Dibrugarh Guwahati Goa Gurgaon Bagdogra Lucknow Mumbai Pune Raipur Amritsar Kolkata Cochin Hyderabad Chandigarh Jammu Ranchi Chennai Srinagar Varanasi | INR 2,900,000/- |

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

- a. **Commercial Tools:** Nmap, Burp suite, Netalytics
- b. **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, LFIsuite, SQLMAP and etc.
- c. **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 26th 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)

| | |
|---|------------|
| Network Security Audit : | Yes |
| Web-application Security Audit : | Yes |
| Wireless Security Audit : | Yes |
| Compliance Audits (ISO 27001, PCI, etc.) : | Yes |
| End Point/ Workstation Security Audit : | Yes |
| Information Security Policies Formulation & Review as per Legal Mandates & International Standards(ISO/IEC 27001:2013, ISO 27002, Rule 4 & 8 of IT Reasonable Security Practice & Procedure & Sensitive Personal Data Rules 2011 : | Yes |
| Communications Security Testing : | Yes |
| Vulnerability Assessment & Penetration Testing : | Yes |
| Exploitation of Vulnerabilities : | Yes |
| Network Mapping : | Yes |
| Application Security Assessment : | Yes |
| Malware Backdoor Detection : | Yes |
| Risk Assessment : | Yes |
| Physical Security Review : | Yes |
| Information Security Trainings (User awareness & counseling, cybercrime investigation, technical training, etc.) : | Yes |
| Enterprise Security Architecture Review : | Yes |
| Data Leak Prevention (DLP) consulting : | Yes |
| Mobile Application Security Audit : | Yes |
| Compliance Audit (GDPR, RBI, SEBI, SEBI, NPCI, NABARD, IDRBT, IRDA etc.) | Yes |
| API Security Audit : | Yes |
| Network Performance Testing : | Yes |
| Cloud Security Audit : | Yes |
| Source Code Review/Audit : | Yes |
| Incident Response : | Yes |
| IoT Security Assessment : | Yes |
| Data Centre Audit/ Security Operation Centre (SOC) Audit : | Yes |
| Authentication User Agency (AUA) / KYC User Agency (KUA) - Audit : | Yes |
| Operational Technology (OT) Audit : | Yes |
| Electronic Signature (e-Sign) Compliance audit : | Yes |
| Red Team Assessment : | Yes |
| AEPS & Aadhaar Pay Micro ATM Audit : | Yes |
| Supervisory Control & Data Acquisition (SCADA) Security Audit : | Yes |
| Cyber Forensics : | Yes |

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

| | |
|--|------------|
| Government | 128 |
| PSU | 14 |
| Private | 27 |
| Total Nos. of Information Security Audits done : | 169 |

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

| | |
|--|------------|
| Comprehensive IT Security Audit | 32 |
| Network Security Audit | 32 |
| Web-application & Mobile Application Security Audit | 130 |
| Source Code Review | 40 |
| Regulatory Compliance Audit (RBI, SEBI, NPCI, NABARD, IDRBT, IRDA, AUA/ KUA, SWIFT, GDPR etc.) | 11 |
| Wireless Security Audit | 25 |
| Formulation of IT Security Policies | 01 |
| Operational Technology (OT) Audit | 02 |
| Functional Audit | 02 |

6. Technical manpower deployed for informationsecurity audits :

| | |
|--|-----------|
| ISO/IEC27001:2013 Lead Auditor | 04 |
| Certified Ethical Hacker (CEH) from EC Council | 07 |
| CISA | 01 |
| Certified Internal Information Security Auditor (STQC-CIISA) | 03 |
| Certified Internal Information Security Auditor (STQC-CISP) | 01 |
| DISA/ ISA | 01 |

Any other Information Security Qualification:

| | |
|--|-----------|
| Diploma in Cyber Law | 06 |
| Certificate in International Law on E-Commerce | 01 |
| Masters in Cyber Security (M.Tech) | 01 |
| PhD | 02 |
| Masters in Computer Science (M.Tech) | 01 |
| MSc (IT) | 01 |
| MSc (Cyber Security) | 01 |
| Masters in Computer Applications (MCA) | 01 |
| MSc (Micro Electronics) | 01 |
| Bachelor of Technology (B.Tech-CSE/ ECE) | 05 |
| Bachelor in Law | 02 |
| Master of Laws | 01 |
| Total Nos. of Technical Personnel | 11 |

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 C B Sharma IPS (R) | 05 Years | 10+ Years | <ul style="list-style-type: none"> • Certified Lead Auditor ISMS (ISO/ IEC 27001:2013) from Indian Institute of Quality Management (IIQM) • Certified Internal Information Security Auditor (STQC-CIISA) • Diploma in Cyber Law • MSc Physics (Microwave Electronics) • LL.B • MA Philosophy • PhD |

| | | | | |
|----|--------------------------------|-----------|-----------|--|
| 2 | Dr. Swati Vashisth | 05 Years | 06+ Years | <ul style="list-style-type: none"> • B.Tech (CSE) • Certified information Systems Auditor (CISA) from ISACA • Certified Lead Auditor ISMS (ISO/IEC 27001:2013) from Indian Institute of Quality Management (IIQM) • Certified Information Security Professional (STQC-CISP) • Certified Internal Information Security Auditor (STQC-CIISA) • Diploma in Information System Audit (DISA) from IIBF • Certified Ethical Hacker (CEH) from EC Council • Diploma in Cyber Law • MBA(PGDRM) from IRMA • PhD |
| 3 | Mr. Sachin Kumar Sharma | 05 Years | 10+ Years | <ul style="list-style-type: none"> • B.Tech (CSE) • M.Tech(CSE) • Certified Lead Auditor ISMS (ISO/IEC 27001:2013) from Indian Institute of Quality Management (IIQM) • Certified Internal Information Security Auditor (STQC-CIISA) • Certified Ethical Hacker (CEH) from EC Council • Diploma in Cyber Law • Certificate in International Law on E-Commerce |
| 4 | Mr. Satyendra Singh | 05 years | 10+ Years | <ul style="list-style-type: none"> • M.Sc (IT) • Certified Lead Auditor ISMS (ISO/IEC 27001:2013) from Indian Institute of Quality Management (IIQM) • Diploma in Cyber Law • Certified Ethical Hacker (CEH) from EC Council |
| 5. | Mr. Vishrant Ojha | 03 Years | 03+ Years | <ul style="list-style-type: none"> • B.Tech (ECE) • M.Tech (Cyber Security) from Sardar Patel Police University, Jodhpur • Diploma in Cyber Law • Certified Ethical Hacker (CEH) from EC Council • Various Cyber Security Certificates from Code Red- EC Council |
| 6. | Mr. Balkrishan Sharma | 03 Years | 03+ Years | <ul style="list-style-type: none"> • B.Tech (CSE) • CCNA • MCITP from Microsoft • Certified Ethical Hacker (CEH) from EC Council |
| 7. | Mr. Niladri Dalal | 01 Year | 01 Year | <ul style="list-style-type: none"> • MSc (Cyber Security) • BSc (Hardware & Networking) • Certified Ethical Hacker (CEH) from EC Council |
| 8. | Mr. Akansh Sharma | 01 Year | 02 Years | <ul style="list-style-type: none"> • Bachelor in Computer Application (BCA) • Master in Computer Application (MCA) • Certified Ethical Hacker (CEH) from EC Council |
| 9. | Mr. Vishal Soni | 06 Months | _____ | <ul style="list-style-type: none"> • B.Tech. (CSE) |

| | | | | |
|-----|--------------------------|-----------|-----------|---|
| 10. | Mrs. Manju Sharma | 05 years | 05+ Years | <ul style="list-style-type: none"> • Diploma in Cyber Law • BSc • MA • Diploma in Textile Designing |
| 11. | Ms. Alka Takhar | 06 Months | ----- | <ul style="list-style-type: none"> • B.A. • LL.B • LLM • NET Qualified |

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. | One of the leading textile & garment manufacturer company of India | 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. 6. Web Application Software Security 7. Physical Control and Security 8. Conceptual Guidance 9. Operational Technology (OT) Audit 9. Information Security Training and Awareness. | Documented Audit Report as per Scope of work of : Computers: 1103 , Servers: 12 , Firewall: 16 , Switches: 110 , Wi-Fi: 22 , DVR: 28 , Cameras: 295 | Total 17 locations at Mumbai, Tarapur, Daman, Silvassa, Amravati, Hyderabad & Bhiwandi |
| 2. | One of the Indo-US Organization in field of Geosynthetic material | 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. 6. Web Application Security 7. Physical Security 8. Conceptual Guidance 9. Information Security Training and Awareness | Documented Audit Report as per Scope of work of : Computers: 121, Servers: 3, Firewall: 01, S/w application: 01, Wi-Fi: 07, DVR: 1, Cameras: 8 | Total 03 locations at Mumbai, Daheli, Daman |
| 3. | One of the growing tyre firm in India | 1. Formulation of IT Security Policies 2. Vulnerability Assessment Penetration Testing 3. Exploitation of Vulnerabilities (In the System and Networks). 4. Web Application Security 5. Information Security Training and Awareness | Documented Audit Report as per Scope of work of : Computers: 128, Servers: 4, Firewall: 02, application: 01 | Total 2 Locations at Mumbai & Panoli |

| | | | | |
|----|---|---|--|--|
| 4. | One of Nationalize Bank in India | IT General security Control / Process audit of: 1. Data Center / Near Disaster Recovery Site / Disaster Recovery Site 2. Information Technology Department / Network Operations /in-house Development 3. Digital Banking Department and all e-banking channels (web based and mobile based) 4. Payment Gateway 5. CTS grids 6. ATM Switch /ATM Service Centre / Card Issue 7. Credit Card Department 8. Call Center 9. NEFT / RTGS Cell 10. International Division / SWIFT 11. Treasury Branch 12. Registration authority (RA) 13. CPPC/CDPC/FI/MIS/AML/eAudit/HR M Department | Documented Audit Report as per Scope of work of : 3 Data Centers, 1 corporate office, 1 Head office, 28 CBS Branches & various departments | Total 5 Locations at Chennai, Mumbai, Delhi, Jaipur, Sikar |
| 5. | One of Nationalize Bank in India | Scalability and Resiliency audit of UPI Infrastructure as Per NPCI Requirements | Scalability and Resiliency of IT infrastructure of the UPI (Data Centers, Redundancies of the IT infrastructure, Incident Management, Drills, Root cause analysis) | Chennai |
| 6. | Indian Ordnance Factories (8) | Comprehensive IT Security Audit | Network Architecture Review, Vulnerability assessment of IT Infrastructure Penetration Testing of servers, Review of Cyber Security Policy and SOP, Mock drill analysis as per cyber security policy | Located at Jabalpur, Nagpur, Dehradun, Itarsi, Chennai, Kanpur, Ambarnath & Mumbai |
| 7. | Aeronautics firm in India | Vulnerability Assessment & Penetration Testing of firewall devices located at different 25 locations, End Point Computers, Servers, Web & Mail Applications | Firewall Rule Audit and Log Analysis, External & Internal Vulnerability Assessment for Web Server and Mail Server in Internet domain, VAPT of Endpoint computers & Network Devices | Bengaluru |
| 8. | Thermal Power Station in Rajasthan | Comprehensive IT Security Audit | IT Security Audit of End Point Computers, Servers, WI-FI & Network Devices | Suratgarh Rajasthan |

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|-----|--|--|--|---------|
| 9. | Rapid Transport Organization in Jaipur under Govt. of Rajasthan | Formulation of IT Security Policies | <p>Formulation of following IT Security Policies:</p> <ol style="list-style-type: none"> 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 | Jaipur |
| 10. | An Indian govt. owned oil and gas explorer and producer under the ownership of Ministry of Petroleum and Natural Gas, Government of India | Comprehensive IT Security Audit | IT Security Audit of End Point Computers, Servers, WI-FI & Network Devices | Jaipur |
| 11. | AUA/KUA Audit as per requirement of Unique Identification Authority of India (UIDAI) for Dept. of IT Gujarat | UIDAI's Compliance Audit of KYC User Agency (KUA) and Aadhaar Authentication Services (AUA). | Compliance Audit as per guidelines mentioned in Aadhaar (Authentication) Regulations, 2016 | Gujarat |

| | | | | |
|------------|---|--------------------------------|---|-------------------|
| 12. | A Public transport undertaking organization | Web Application Security Audit | Web Application Security Audit as per guidelines of Open Web Application Security Project (OWASP) Top 10 Web Risks, SANS Top 25 Software Errors, Common Weakness Enumeration(CWE), Common Vulnerabilities and Exposures (CVE) etc. The Web Application Security Consortium (W3C) and Web Content Accessibility Guidelines (WCAG). | Chandigarh |
| 13. | One of Central University | Web Application Security Audit | Web Application Security Audit as per guidelines of Open Web Application Security Project (OWASP) Top 10 Web Risks, SANS Top 25 Software Errors, Common Weakness Enumeration(CWE), Common Vulnerabilities and Exposures (CVE) etc. The Web Application Security Consortium (W3C) and Web Content Accessibility Guidelines (WCAG). | Punjab |
| 14. | An apex national sports body of India | Web Application Security Audit | Web Application Security Audit as per guidelines of Open Web Application Security Project (OWASP) Top 10 Web Risks, SANS Top 25 Software Errors, Common Weakness Enumeration(CWE), Common Vulnerabilities and Exposures (CVE) etc. The Web Application Security Consortium (W3C) and Web Content Accessibility Guidelines (WCAG). | Delhi |
| 15. | Online Citizen Services Portal of a union territory of India | Web Application Security Audit | Web Application Security Audit as per guidelines of Open Web Application Security Project (OWASP) Top 10 Web Risks, SANS Top 25 Software Errors, Common Weakness Enumeration(CWE), Common Vulnerabilities and Exposures (CVE) etc. The Web Application Security Consortium (W3C) and Web | Andaman & Nikobar |

| | | | | |
|-----|---|---|---|---|
| | | | Content Accessibility Guidelines (WCAG). | |
| 16. | A State Cooperative Bank of Rajasthan | Information Security Audit | Information Security Audit as per guidelines issued by NABARD, RBI and ISMS Standards ISO 27001:2013 | Jaipur |
| 17. | An Autonomous Scientific Society under the administrative control of Ministry of Electronics & Information Technology, Government of India | Web Application Security Audit | Web Application Security Audit as per guidelines of Open Web Application Security Project (OWASP) Top 10 Web Risks, SANS Top 25 Software Errors, Common Weakness Enumeration(CWE), Common Vulnerabilities and Exposures (CVE) etc. The Web Application Security Consortium (W3C) and Web Content Accessibility Guidelines (WCAG). | Delhi |
| 18. | An autonomous body in housing of Government of Rajasthan | Comprehensive IT Security Audit | IT Security Audit of End Point Computers, Servers, WI-FI & Network Devices | Jaipur |
| 19. | Hydroelectric Power Stations in Madhya Pradesh (PSU) | Comprehensive IT Security Audit | IT Security Audit of End Point Computers, Servers, WI-FI & Network Devices | Bhopal, Narmada Nagar, Omkareshwar, Khandva |
| 20. | Department of IT, Gujarat | Web Application & Mobile Applications Audit | Web Application Security Audit as per guidelines of Open Web Application Security Project (OWASP) Top 10 Web Risks, SANS Top 25 Software Errors, Common Weakness Enumeration(CWE), Common Vulnerabilities and Exposures (CVE) etc. The Web Application Security Consortium (W3C) and Web Content Accessibility Guidelines (WCAG). | Gujarat |
| 21. | Department of IT, Telangana | Web Application & Mobile Applications Audit | Web Application Security Audit as per guidelines of Open Web Application Security Project (OWASP) Top 10 Web Risks, SANS Top 25 Software Errors, Common Weakness Enumeration(CWE), Common Vulnerabilities and Exposures (CVE) etc. | Telangana |

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|-----|--|--|--|-----------------|
| | | | The Web Application Security Consortium (W3C) and Web Content Accessibility Guidelines(WCAG) | |
| 22. | A Central Cooperative Bank | Web Application Audit | Web Application Security Audit for safe to host certificate | Churu Rajasthan |
| 23. | India's largest power utility under Ministry of Power, Govt. of India (PSU) | Comprehensive IT Security Audit | IT Security Audit of End Point Computers, Servers, WI-FI & Network Devices | Ranchi |
| 24. | A smart City Project under Govt. of Uttar Pradesh | Functional Audit of Public Addressing System, Body Worn Camera System and Mobile Surveillance System | Audit of Public Addressing System at 206 Locations, Mobile Surveillance System of 43 Vehicles, 300 Body Worn Camera System & 2 Control Centers | Prayagraj |
| 25. | An Education, Training, and Research in Aviation under Govt. of India | Web Application & Portal Audit | Web Application Security Audit as per guidelines of Open Web Application Security Project (OWASP) Top 10 Web Risks, SANS Top 25 Software Errors, Common Weakness Enumeration(CWE), Common Vulnerabilities and Exposures (CVE) etc. The Web Application Security Consortium (W3C) and Web Content Accessibility Guidelines (WCAG). | New Delhi |
| 26. | Internet Banking & Mobile Banking platform Audit of one of Nationalized Bank in India | Web Application & Mobile Application Audit | Web Application & Mobile Application Security Audit as per guidelines of Open Web Application Security Project (OWASP) Top 10 Web Risks, SANS Top 25 Software Errors, Common Weakness Enumeration(CWE), Common Vulnerabilities and Exposures (CVE) etc. The Web Application Security Consortium (W3C) and Web Content Accessibility Guidelines (WCAG). | Chennai |

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|-----|---|---|--|-----------|
| 27. | Asia's largest tier-4 data center in India | IT Security Audit of Data Center 1. Logical Security 2. Physical Security | Audit of Physical Security controls & logical security. Audit of the procedures and technology are in place to avoid downtime, disasters, unauthorized access, DR Drills and breaches. | Hyderabad |
| 28. | Tier-4 data center in India | IT Security Audit of Data Center 1. Logical Security 2. Physical Security | Audit of Physical Security controls & logical security. Audit of the procedures and technology are in place to avoid downtime, disasters, unauthorized access, DR Drills and breaches. | Mumbai |
| 29. | Online Examination Security Audit | 1. Physical / Logical Security of the online examination system 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.) 3. Exploitation of Vulnerabilities In the System and Networks. | Documented Audit Report as per Scope of work of : Total no. of End Point Computers : 5270 | Jaipur |
| 30. | Online Examination & Evalution Cyber Security Audit of Public Service Commission | Cyber Security Audit of Evaluation Centers | Documented Audit Report as per Scope of work of : Total no. of End Point Computers : 120 Servers: 04 | Jaipur |

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

| S.No | Name of Tool | Purpose of Tool |
|------|--------------------------------|---|
| 1. | Nessus Professional | A remote security scanning tool |
| 2. | Burp Suite Professional | Web Vulnerability Scanner |
| 3. | Acunetix | Web application security Tool |
| 1. | Free PC Audit | System, hardware and software information tool. |
| 5. | Kali Linux | 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. | Backtrack 5 R3 | Old Distribution of Kali Linux |
| 7. | Backbox Linux | Ubuntu based Operating Systems developed for penetration testing and security assessment |
| 8. | DEFT Linux | Light weighted Linux Operating System for Digital Evidence & Forensics |
| 9. | Nmap | Network Security Scanner, Port Scanner & Network Exploration Tool |
| 10. | Wireshark | Network Packet Analyzer used for network troubleshooting, packet capturing and analysis |

| | | |
|-----|--|---|
| 11. | Microsoft Security Baseline Analyzer (MBSA) | Used to verify necessary security checks patch compliance for Windows operating system, Internet Information System (IIS) and SQL Server |
| 12. | Super Scan | Network Port Scanning Tool |
| 13. | OWASP- ZAP | Web application security scanner |
| 14. | OWASP Mantra Security Framework | a collection of hacking tools, add-ons and scripts based on Firefox |
| 15. | Metasploit | Penetration testing tool to find, exploit, and validate vulnerabilities |
| 16. | Aircrack-ng | A complete suite of tools to assess Wi-Fi network security |
| 17. | Ettercap | Tool for man in the middle attacks |
| 18. | Cisco OCS Mass Scanner | scanning, fingerprinting and exploitation tool |
| 19. | W3af | web application security scanner |
| 20. | Wikto | web server scanner |
| 21. | Airmagnet | Wireless Network Monitoring and WiFi Troubleshooting |
| 22. | Paros | web proxy to web application vulnerability |
| 23. | Nipper | Audits the security of network devices such as switches, routers, and firewalls |
| 24. | Netcat | A computer networking utility for reading from and writing to network connections using TCP or UDP |
| 25. | Cain & Abel | A password recovery tool |
| 26. | Mobisec | Mobile Application Security framework |
| 27. | SQLMAP | SQL injection Vulnerability exploiting tool |
| 28. | DNSenum | DNS enumeration tool |
| 29. | Knockpy | Subdomain enumeration tool |
| 30. | whatweb | Web technologies including content management systems (CMS) identification tool |
| 31. | Subbrute | A DNS meta-query spider that enumerates DNS records, and sub domains |
| 32. | Recon-ng | Web Reconnaissance framework |
| 33. | enum4linux | Enumerating information from Windows and Samba systems. |
| 34. | Bowser Add-ons / extensions | Mozilla Firefox and Google chrome browser based add-on |
| 35. | Social Engineering Tool Kit | Tools for Social-Engineering attacks |
| 36. | WinHEX | Universal hex editor for forensics & data recovery applications |
| 37. | Android Emulator | Android devices Simulation |
| 38. | Java De-compiler | Decompiler for the Java programming language |
| 39. | APK Inspector | Android applications analysis tool |
| 40. | APK Analyzer | Android applications analysis tool |
| 41. | Cydia impactor | iOS applications analysis tool |
| 42. | Brutus | Password Cracking tool |
| 43. | Fiddler | HTTP debugging proxy server application |
| 44. | Skipfish | web application security reconnaissance tool |
| 45. | Cmsexplorer | Web Security Testing |
| 46. | Joomscan | Joomla Vulnerability Scanner |
| 47. | Openssl | Software library for the Transport Layer Security (TLS) and Secure Sockets Layer (SSL) protocol |
| 48. | Dirbuster | multi threaded java application to brute force directories and files names on web/application servers |
| 49. | Curl | 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. | Tcpdump | command-line packet analyzer |
| 51. | Fimap | Local file inclusion (LFI) and Remote file inclusion (RFI) exploitation tool |
| 52. | SwfScan | Vulnerability scanner for flash file based application |
| 54. | Ssltest | SSL/TLS and PKI testing tool |
| 55. | Hping | a command-line oriented TCP/IP packet assembler/analyzer |
| 56. | Scapy | a packet manipulation tool for computer networks |
| 57. | Loki | digital forensics, intrusion detection or security monitoring tool |
| 58. | Wsfuzzer | a fuzzing penetration testing tool for HTTP SOAP(Simple Object Access Protocol) based web services |
| 59. | App Scan | web security testing and monitoring tool |
| 60. | Pwdump | Password cracking tool |
| 61. | Snort | Network intrusion detection system (NIDS) software for Linux and Windows |
| 62. | WebScarab | Web application security testing tool |

| | | |
|-----|---|---|
| 63. | Whisker | CGI scanner |
| 64. | Helix (Forensics) | Digital forensics tool |
| 65. | FireBug | Browser extension for Mozilla Firefox that facilitated the live debugging, editing, and monitoring of any website's CSS, HTML, DOM, XHR, and JavaScript |
| 66. | NStalker | Web Application Security Scanner |
| 67. | Snmp Walk | A command-line tool to collect SNMP data |
| 68. | Santoku | Linux based Mobile Forensics tool |
| 69. | IronWASP | Web application vulnerability testing tool |
| 70. | Bile-Suite | Bi-directional Link Extractor |
| 71. | Maltego | Information gathering tool |
| 72. | SEAT | Search Engine Assessment Tool |
| 73. | Achilles | web application security testing tool |
| 74. | Sandcat | Penetration Testing Browser |
| 75. | Pixy | Vulnerability Scanner for PHP Applications |
| 76. | OWASP CLASP | Principle or a set of principles for application level security project |
| 77. | Firecat | A network penetration testing tool for reverse TCP tunnels |
| 78. | SAINT | Penetration Testing tools |
| 79. | Inguma | Penetration Testing & vulnerability discovery toolkit |
| 80. | SARA | Microsoft Support and Recovery Assistant (SaRA) |
| 81. | SQL Ninja | A SQL Server Injection & takeover tool |
| 82. | Fgdump | a newer version of the pwdump tool for extracting NTLM and LM password hashes from Windows. |
| 83. | Medusa | Password cracking tool |
| 84. | Wapiti | Web Vulnerability Scanner |
| 85. | Havij | SQL Injection Vulnerability tool |
| 86. | Hydra | Password Cracking Tool, a parallelized login cracker which supports numerous protocols |
| 87. | Httrprint | Web server fingerprinting tool |
| 88. | GrendelScan | web application security testing tool |
| 89. | Nemesis | a command-line network packet crafting and injection utility for UNIX-like and Windows systems |
| 90. | Crowbar | Password Cracking (Brute force) tool |
| 91. | OpenVAS (Open Vulnerability Assessment System) | A full-featured vulnerability scanner |
| 92. | Armitage | a graphical cyber attack management tool for the Metasploit Project that visualizes targets and recommends exploit |
| 93. | Dirb | For directory listing |
| 94. | Temper Data Extension | Browser Extension for temper data |
| 95. | Wafwoof | For firewall detection |
| 96. | Vega | Web vulnerability scanner |
| 97. | DR CBS In-house tools & Scripts | Tools & scripts for vulnerability assessment and penetration testing |
| 98. | LanSweeper | 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? : No
 If yes, give details

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

Information as provided by Dr CBS Cyber Security Services LLP on 27 June 2022

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 | YES |
| • Web-application security audit | YES |
| • Wireless security audit | YES |
| • Compliance audits (ISO 27001, PCI, etc.) | NO |
| • Red Teaming | YES |
| • Mobile application security | YES |
| • Cloud security | YES |
| • Penetration Testing and Vulnerability Assessment | YES |

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

| | | |
|--|---|----------------|
| Govt. | : | - Nil - |
| PSU | : | - Nil - |
| 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 | : | 100+ |
| Mobile Security Testing | : | 10+ |
| Wireless security audit | : | -Nil- |
| Compliance audits (ISO 27001, PCI, etc.) | : | -Nil- |

6. Technical manpower deployed for informationsecurity audits :

| | | |
|-----------------------|---|----------|
| CISSPs | : | 0 |
| BS7799 / ISO27001 LAs | : | 5 |
| CISAs | : | 0 |
| DISAs / ISAs | : | 0 |

Any other information security qualification:

| | |
|--------------------|-----------|
| OSCP | 2 |
| ECSA | 1 |
| OSWP | 1 |
| CPTE | 1 |
| CEH | 9 |
| CHFI | 1 |
| GPEN | 1 |
| Fortify SCA | 1 |
| CPISI | 1 |
| eCPPT | 7 |
| eWAPTX | 2 |
| eMAPT | 1 |
| eWPT | 13 |
| eJPT | 5 |
| RHCE | 1 |
| RHSA | 1 |

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 FIS | 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
- Proccess 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, 2nd 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. | : | NIL |
| PSU | : | 2 |
| Private | : | 20 |
| 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 | : | 16+ |
| Web-application security audit | : | 45+ |
| Mobile-application Security audit | : | 24+ |
| Wireless security audit | : | 12+ |
| Application Threat Modeling | : | 2 |
| Compliance audits (ISO 27001, PCI, SOC 2 etc.) | : | 8+ |

6. Technical manpower deployed for informationsecurity audits:

| | | |
|------------------------------|---|----------|
| CISSPs | : | 1 |
| BS7799 / ISO27001 LAs | : | 8 |
| CISAs | : | 5 |
| MTech (Information Security) | : | 1 |
| M.Sc. (Information Security) | : | 2 |
| CEH's | : | 4 |
| OSCP | : | 2 |
| CISM | : | 1 |
| CDPSE | : | 1 |
| CRISC | : | 1 |

| | | |
|-----------------------------------|---|-----------|
| CHFI | : | 2 |
| ECSA | : | 2 |
| PCIDSS | : | 1 |
| GDPR | : | 4 |
| CSA | : | 3 |
| 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 GRM Technologies | 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,CCCP 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 | AmbikaG | 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.

| | | |
|--|--|-------------------------|
| 1. Leading Supply Chain Management Service Provider 2. Leading Mobility Platform to support retail execution, direct store delivery and distribution management in a unified system 3. A world leader in | 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. Control areas covered are 1. Design, Implementation and Operating Effectiveness of ISO 27001, PCI-DSS, SSAE 18 SOC 2, GDPR 2. Quarterly Internal Audit 3. Internal Vulnerability Assessment and | Project Value <80 Lakhs |
|--|--|-------------------------|

| | | |
|-------------------|---|--|
| 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 Eminders 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 | |
|-------------------|---|--|

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 |

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 **29th 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. | : | 5 |
| PSU | : | 1 |
| 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 | : 1 |
| BS7799 / ISO27001 Las | : 20 |
| CISAs | : 17 |
| DISAs / ISAs | : 2 |
| CEH | : 9 |
| ISO22301 IA | : 9 |
| Total Nos. of Technical Personnel | : more than 30 |

7. Details of technical manpower deployed for information security audaits 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"> • CISA • CDPSE • BS7799LA |
| 2 | PreetiRaut | 11 years | Yes | <ul style="list-style-type: none"> • CISA • CDPSE • ISO 27001 LA |
| 3 | VasudhaSawant | 13.7 years | Yes | <ul style="list-style-type: none"> • ISO 22301 IA • CISA • CDPSE |
| 4 | RashmiMaydeo | 14.8 years | Yes | <ul style="list-style-type: none"> • ISO 22301 IA • CISA • CDPSE • CISSP |
| | | | | <ul style="list-style-type: none"> • ISO 27001 LA • ISO 22301 IA |
| 5 | Pradeep Patil | 5 years | Yes | <ul style="list-style-type: none"> • CISA |
| 6 | Vinit Shah | 6 years | Yes | <ul style="list-style-type: none"> • ISO 27001 LA • CISA (Associate) • DISA • CISM |
| | | | | <ul style="list-style-type: none"> • CDPSE • ISO 27001 LA • CRISC |
| 7 | Pranay Shah | 6 years | Yes | <ul style="list-style-type: none"> • ITIL v4_2212 • CISA (Associate) • ISO 22301 IA • ISO 27001 LA |
| 8 | Vaibhav Gandhi | 2.5 Years | Yes | <ul style="list-style-type: none"> • CISA • DISA • ISO 27001 LA |
| | | | | <ul style="list-style-type: none"> • CEH • CISA |
| 9 | Kunal Mehta | 3 Years | Yes | <ul style="list-style-type: none"> • ISO 27001 LA |
| | | | | <ul style="list-style-type: none"> • CDPSE |
| 10 | Kapil Shah | 2.2 Years | Yes | <ul style="list-style-type: none"> • CEH • CDPSE • ISO 27001 |
| 11 | NehaChandak | 2 Years | Yes | <ul style="list-style-type: none"> • ISO27001:2013 LA • CISA |
| 12 | Aditeekarnik | 2 Years | Yes | <ul style="list-style-type: none"> • ISO 22301:2012 • ISO 27001:2013 |
| 13 | Amit Mittal | 2.3 Years | Yes | <ul style="list-style-type: none"> • CISA • ISO27001:2013 LA • ISO22301:2012 LA |
| | | | | <ul style="list-style-type: none"> • CDPSE |
| 14 | PriyankaPurecha | 2.5 Years | Yes | <ul style="list-style-type: none"> • CISA • ISO 27001 LA |
| | | | | <ul style="list-style-type: none"> • CCNA |
| 15 | RemellaSuman | 9 years | Yes | <ul style="list-style-type: none"> • ISO 27001:2013 LA • ISO 22301 : 2012 |
| 16 | SafinaShaikh | 1.11 Years | Yes | <ul style="list-style-type: none"> • CISA |
| 17 | SampoornaNagamalli | 15 years | Yes | <ul style="list-style-type: none"> • ISO27001:2013 LA • ISO 27001 LA |
| 18 | HarshadMahajan | 9.1 years | Yes | |
| 19 | GauravPandey | 6 years | Yes | <ul style="list-style-type: none"> • ISO27001:2013 LA |
| 20 | Rutulbagadia | 6 Months | Yes | <ul style="list-style-type: none"> • CISA • CEH |
| 21 | TusharMuralidharKajale | 2 Years | Yes | |
| 22 | Halashankara k | 1.3 Years | Yes | <ul style="list-style-type: none"> • 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 • ISO 22301:2012 BCMS |
| 27 | Pooja Vijay Goshimath | 2 years | Yes | • ISO 27001:2013 • ISO 22301:2012 |
| 28 | SwapnilBhide | | Yes | • CEH |
| 29 | RiteshChandraprakashAsthana | | Yes | • CEH • ISO 27001 LA |
| 30 | Ashish Gupta | 3.4 Years | Yes | • CDPSE |
| | | | | • CISA |
| 31 | Dunger Singh Rajpurohit | 3.4 Years | Yes | • CISA • ECSA v10 |
| 32 | TejasNimavat | 2 year | Yes | • ECSA |
| 33 | SreekanthAbburi | 1.5 Years | Yes | • CCNA |
| | | | | |
| | | | | |
| | | | | |

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

1. 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
2. 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
3. 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
4. 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
5. 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"> • Nmap • Snmp Walk • Metasploit • Cookie Editor • Echo Mirage • Winhex • Kali Linux Framework • Wireshark • APK Analyser • SQLMAP • Dirbuster • OWASPZAP • W3AF • MobSF |
| 2 | Commercial | <ul style="list-style-type: none"> • Nessus Professional • Burp Suite Professional • ARSIM • Lansweeper - License Compliance Auditing Software |
| 3 | Proprietary | <ul style="list-style-type: none"> • Scripts for Oracle, Linux, AIX, Solaris, Windows |

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 : No

*Information as provided by **ANB Solutions Pvt. Ltd.** on 28th 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. : **15+**
- PSU : **10+**
- Private : **50+**
- 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 : **22**
- Web-application security audit : **41**
- Wireless security audit : **10**
- Compliance audits (ISO 27001, PCI, etc.) : **26**
- IT General controls and Application controls audit : **14**
- Mobile security audit : **15**
- Secure SDLC review : **03**
- Secure Code review : **05**
- Vulnerability Assessment and Penetration Testing (VAPT) : **30**
- Business Continuity Planning / Disaster Recovery Audit : **04**
- Cloud security and application audits : **08**
- Red Teaming : **05**
- Social Engineering Assessment / Phishing Simulation : **04**
- Operational Technology (OT) [SCADA] Audits : **02**
- Cyber Forensics : **07**

6. Technical manpower deployed for informationsecurity audits :

- CISSPs : **2**
- BS7799 / ISO27001 LAs : **22**
- CISAs : **4**

- DISAs / ISAs
- Any other information security qualification:

3

| | |
|-----------|-----------|
| ○ 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 : **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 : **No**

*Information as provided by **BDO INDIA LLP** on **8th 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 informationsecurity audits :

| | | |
|--|---|------|
| CISSPs | : | 5+ |
| BS7799 / ISO27001 LAs | : | 50+ |
| CISAs | : | 10+ |
| DISAs / ISAs | : | NA |
| Any other information security qualification | : | 100+ |

(OSCP, CEH, CISM, DCPP,SANS, OSWP 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 | Rajesh Kumar D | 14+ | 20+ | CRTP (Pentester Academy) |
| 5 | Navin Kaul | 10+ | 14+ | CISA, ISO 27001 LA, BS25999, CEH, SABSA, TOGAF 9.0 |
| 6 | Dhairya Giri | 6+ | 10+ | CISA, ISO 27001 LA, ISO20000 LI, CIPR, ISO 9000 |
| 7 | Vadivelan Sankar | 2+ | 15+ | CPenT, LPT Masters, CEH Masters, CHFI, ECSA, CTIA, ECIH, CASE, CND, Rapid7 Certified Nmap Administrator, Certified Secure Programmer (.net & Java) , ISO 27001:2013 Lead Auditor, |
| 8 | Girish Nemade | 6+ | 10+ | OSCP, OSWP ,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 24th 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 (Annual Compliance System Audit, etc.) | : | 25+ |
| 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 : 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 < **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,
OppositeHimali 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 | : | Yes |
| • Information Security Assessments | : | Yes |
| • Web Application Security Testing | : | Yes |
| • Mobile Application Security Testing | : | Yes |
| • API Security Testing | : | Yes |
| • Vulnerability Assessment/Penetration Testing of IT Infrastructure | : | Yes |
| • Network Security Audits | : | Yes |
| • Wireless Security Testing | : | Yes |
| • Compliance Audits (ISO 27001, PCI, BCMS etc) | : | Yes |
| • Software License Compliance Audits | : | Yes |
| • Compliance - IT Audits | : | Yes |
| (Based on guidelines issued by RBI, IRDA, SEBI, Stock Exchanges) | : | Yes |
| • Digital Forensic Investigations | : | Yes |
| • Secure Source Code Analysis as a Service | : | Yes |
| • Security Monitoring as a Service | : | Yes |
| • Third Party Security Assessments / Information Security Due Diligence : | : | Yes |
| • Cloud Security &Compliance Assessment | : | Yes |
| • Digital Risk / Dark Web Assessment | : | Yes |
| • Breach & Attack Simulation as a Service | : | Yes |

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

| | | |
|--|---|----|
| Govt. | : | 0 |
| PSU | : | 0 |
| Private | : | 24 |
| Total Nos. of Information Security Audits done | : | 24 |

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

| | | |
|---|---|----|
| Network Security Audit | : | 04 |
| Web Application Security Testing | : | 17 |
| Android Mobile Application Security Testing | : | 11 |
| iOS Mobile Application Security Testing | : | 06 |
| Digital Forensic Investigation | : | 01 |
| IRDA Compliance audits | : | 01 |
| Cloud Security Compliance Assessments | : | 09 |
| Secure Source Code Reviews | : | 01 |

6. Technical manpower deployed for informationsecurity audits:

| | | |
|-----------------------|---|---|
| CISSPs :- | | |
| BS7799 / ISO27001 Las | : | 3 |
| CISAs | : | 4 |
| DISAs / ISAs | : | 1 |
| CEH | : | 9 |
| CEH, ECSA | : | 2 |
| OSCP | : | 2 |
| OSWP | : | 1 |

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, OSWP, CEH |
| 06 | Sumit Ingole | 7 | 8 | OSCP, CEH, ECSA, IBM Certified Specialist - Rational AppScan |
| 07 | Suraj Waghmare | 1.10 | 5 | CEH, ECSA, 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 7th 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 | : | (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) |
| • Secure Code Audit | : | (Y) |
| • Network Architecture Review | : | (Y) |
| • Secure Design Audit | : | (Y) |
| • IOT Security Audit | : | (Y) |
| • Red Team Audit | : | (Y) |
| • Mobile Application Security Audit | : | (Y) |
| • Real time Security Assessment | : | (Y) |

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

| | | |
|--|---|-----------|
| Govt. | : | 1 |
| PSU | : | NA |
| Private | : | 10 |
| Total Nos. of Information Security Audits done | : | 11 |

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

| | | |
|--|---|-----------|
| Network Security Audit | : | 5 |
| Network Infrastructure Audit | : | 2 |
| Web-application security audit | : | 11 |
| Mobile Application Security Audit | : | 3 |
| Wireless security audit | : | 1 |
| Compliance audits (ISO 27001, IEC 62443, IEC 27019, PCI, etc.) | : | 7 |
| Cloud security Audits | : | 1 |

6. Technical manpower deployed for informationsecurity audits:

| | | |
|--|---|-----------|
| CISSPs | : | 1 |
| BS7799 / ISO27001 LAs | : | 4 |
| CISAs | : | 3, |
| DISAs / ISAs | : | NA |
| Any other information security qualification: CEH(8), ECIH(3), CHFI(1), CISM(2) | : | |
| 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)

| Sr. No. | Name of Employee | Duration with <AGC Networks Ltd> | 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, Sophos edr 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? If yes, give details : **No**
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, 3rdFloor, 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 | Yes |
| Web-application security Assessment / Audit (Y/N) | Yes |
| Wireless security audit (Y/N) | Yes |
| Compliance audits (ISO 27001, PCI, etc.) (Y/N) | Yes |
| SDLC Review and Code Security Review | Yes |
| Application Penetration Testing | Yes |
| Network Penetration Testing | Yes |
| Information Security policy review, development and assessment | Yes |
| Mobile Application Security Assessment and Penetration Testing | Yes |
| Data Mining for Vulnerable Patterns from Complex and Large-Scale Networks | Yes |
| Ransomware Assessments | Yes |
| Red Team Assessments | Yes |
| IoT Security Assessments | Yes |
| SCADA and Critical Infrastructure Assessments | Yes |
| Social Engineering Assessments | Yes |
| Cloud and Virtual Security Assessment | Yes |
| Electronic Discovery and Digital Forensics | Yes |
| Malware Synthesis and Analytics | Yes |
| Incident Response | Yes |
| AUA/KUA Compliance audit | Yes |
| e-Sign Compliance audit | Yes |

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 Periyanayagam | 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 singed 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 16th April 2021

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**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 7TH 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 informationsecurity 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 <Deccan Infotech (P) Ltd> | 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?
If yes, give details : No
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. | : | None |
| PSU | : | 10+ |
| Private | : | 350+ |
| 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 | : | 200+ |
| Web-application security audit | : | 200+ |
| Wireless security audit | : | 5+ |
| Compliance audits (ISO 27001, PCI, etc.) | : | 300+ |
| Forensics Audit | : | 25+ |

6. Technical manpower deployed for informationsecurity audits :

| | | |
|--|---|------------|
| CISSPs | : | 4 |
| BS7799 / ISO27001 LAs | : | 21 |
| CISAs | : | 3 |
| DISAs / ISAs | : | 1 |
| Any other information security qualification | : | 32 |
| Total Nos. of Technical Personnel | : | 120 |

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, IS027001 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, CERFITIFIED PROFESSIONAL HACKER - IIS, CERFITIFIED PROFESSIONAL FORENSICS ANALYST - IIS, CERFITIFIED INFORMATION SECURITY CONSULTANT- IIS, DEGITAL 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):

| Commercial Tools | Port Scanning | Network & System Vulnerability Assessment | Social Engineering |
|---|---|---|--|
| <ul style="list-style-type: none"> • Nessus Commercial • Burp Suite Professional • Microfocus Fortify • Quays Guard | <ul style="list-style-type: none"> - Nmap - Hping3 | <ul style="list-style-type: none"> - Metasploit - Nessus - Nipper | <ul style="list-style-type: none"> - Social-Engineering Toolkit (SET) |
| Privilege Escalation | Exploitation | Application Security Assessment | Threat Profiling & Risk Identification |
| <ul style="list-style-type: none"> - Cain & Abel - Nipper | <ul style="list-style-type: none"> - SQL Map - Metasploit | <ul style="list-style-type: none"> • Burp Suite Professional • OWASP ZAP • Nikto • SQLMap • SSL Scan • Directory Buster • MobSF • Drozer • Frida • Objection • Echo Mirage • Fiddler • TCP Relay • Microsoft Sysinternal Tools • Wireshark • Hopper • Microsoft Devskim • Brakeman • Graudit • GoSec • DevAudit • Bandit • Application Inspector | <ul style="list-style-type: none"> - Risk Assessment (RA) |
| Data Discovery | MDR | Red Team | Wireless Penetration Testing |
| - SISA Radar | - ProACT | <ul style="list-style-type: none"> - OSINT Tools - Harvester - DNSrecon | <ul style="list-style-type: none"> - Wapiti - 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 : Yes

| | |
|-------------------------------|--|
| AMERICAS | SISA Information Security Inc. Las Colinas The Urban Towers, 222 West Las Colinas Boulevard, Suite 1650, Irving, Texas 75039, USA Tel: +1 (214) 308-2146 |
| MIDDLE EAST and AFRICA | SISA Information Security WLL Gulf Business Center, Suite #1119, Al Salam Tower, 11th Floor, Building 722, Road 1708, Block 317, Kingdom of Bahrain. Tel: +973 32 333 856 |
| | SISA Information Security Novotel Business Park, Tower 2, 1st Floor, Unit No. 43, Dammam – 32232-6140, Saudi Arabia. Tel: +973 32 333 856 |
| | SISA Information Security FZE P.O.Box 37495, Ras Al Khaimah, United Arab Emirates. Tel: +973 32 333 856 Mobile: +91 98458 54094 |
| EUROPE | SISA Information Security Ltd. 81 Bellegrave Road, Welling, Kent – DA16 3PG, United Kingdom. Tel: +44 20 3874 1591 |
| ASIA PACIFIC | SISA Information Security Pte. Ltd. 101 Cecil Street, #17-09, Tong Eng Building, Singapore – 069533. Tel: +65 3163 1024 |
| | SISA Information Security Pty. Ltd. '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 <organization> | 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 | ECSA (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, 4th 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. | : 3 |
| PSU | : 3 |
| Private | : 500+ |
| Total Nos. of Information Security Audits done | : 500+ |

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 | : 400+ |
| Wireless security audit | : 10+ |
| Compliance audits (ISO 27001, IEC 62443, IEC 27019, PCI, etc.) | : 1000+ |
| Finance Sector Audits (Swift, ATMs, API, Payment Gateway etc.) | : 100+ |
| ICS/OT Audits | : 2 |
| Cloud security Audits | : 100+ |

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 ControlCase | 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 |
|----|--|--|--------------|

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

Commercial:

- Rapid 7 Nmap
- 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
- Charlse 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 :
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 | : 7 |
| Web-application security audit | : 25 |
| Wireless security audit | : 3 |
| Compliance audits (ISO 27001, IEC 62443, IEC 27019, PCI, etc.) | : 4 |
| Finance Sector Audits (Swift,ATMs, API, Payment Gateway etc.) | : 2 |
| ICS/OT Audits | : 0 |
| Cloud security Audits | : 1 |

6. Technical manpower deployed for informationsecurity audits:

| | |
|---|------------------------------------|
| CISSPs | : 1 |
| BS7799 / ISO27001 LAs | : 5 |
| CISAs | : 1 |
| DISAs /ISAs | : 0 |
| Any other information security qualification: | CEH/CISC/CPFA/eWPTX/OSCP: 5 |
| 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/Drozr/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 |
| 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 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,NBFCetc.): 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, GDPRetc.): 4
Finance Sector Audits (Swift,ATMs, API, Payment Gateway, SEBIetc.): 46

6. Technical manpower deployed for informationsecurity audits:

CISSPs: **1**

ISO27001 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 July2021

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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 Peneto Labs Pvt Ltd | 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. | https://nmap.org/ |
| Kali Linux | Linux distribution providing hacking tools. | www.kali.org |
| Tenable Nessus | Automated network vulnerability scanner for the fast detection of security issues. | https://www.tenable.com/products/nessus-vulnerability-scanne |
| Burp Suite Professional | Testing suite adopted for detecting issues affecting web application and web services. | https://portswigger.net/burp/ |
| Micro Focus Fortify | Fortify for code review projects | https://www.microfocus.com/ |
| Other Tools | Achilles, Hydra, OWASP, Mantra IronWASP, Paros Proxy , John the Ripper, Pwdump, Cain and Able, Maltego, w3af , Metasploit Community Edition Webinspect, Dsniff, MobSFWebScarab Firewalk ,NetCat ,Whisker Hping , Wikto HTTPPrint, Nikto, Wireshark HTTrack | 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. utsourcing 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**

**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. | : | 0 |
| PSU | : | 1 |
| Private | : | 15 |
| Total Nos. of Information Security Audits done | : | 16 |

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

| | | |
|--|---|-----------|
| Network security audit | : | 8 |
| Web-application security audit | : | 6 |
| Mobile-application security audit | : | 4 |
| Wireless security audit | : | 2 |
| Compliance audits (ISO 27001, IEC 62443, IEC 27019, PCI, etc.) | : | 2 |
| Finance Sector Audits (Swift,ATMs, API, Payment Gateway etc.) | : | 2 |
| ICS/OT Audits | : | NA |
| Cloud security Audits | : | 2 |

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"> • 18 Servers • 1 Firewall • 4 VPCs • 2 Bastion/Jump Host • 1 VPN Server |
| Cloud Services Audited | <ul style="list-style-type: none"> • EC2 • S3 Bucket • Key Management Solution • Active Directory • AWS Single Sign-On • O365 and Email Security • NACLs and Security Groups • AWS Cognito • Identity and Access Management |
| Cloud Architecture Review | <ul style="list-style-type: none"> • Current Architecture of Organization was audited for Security lapses |

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

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**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.

| IT Audit & Compliance Services | Assessment Services |
|--|--|
| <ul style="list-style-type: none">OWASP compliance Security audit of web applications and web servicesInfrastructure audit in compliance to Center for Internet Security (CIS), National Institute of Standards and Technology (NIST), ISMS etc.OWASP compliance security audit of mobile applications | <ul style="list-style-type: none">Web Apps Security Assessment & Vulnerability AssessmentPenetration TestingPerimeter Security TestingSystem hardeningWireless Network AssessmentHost configuration review (Window, Linux, Cisco, Juniper...)Network Product (Routers, Switches, Firewall etc.)Security AuditMalware AnalysisPolicy Gap Analysis |

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 informationsecurity 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"> • ISMS -LA • ISMS-CISP • Certified Network Security Manager |
| 2 | Mr. Jaya Prakash | May,2001 | 20+ | <ul style="list-style-type: none"> • ISMS -LA • ISMS-CISP • Certified Network Security Manager |
| 3 | Mr. N S Siddaiah | January, 2000 | 21+ | <ul style="list-style-type: none"> • ISMS Auditor/ Lead Auditor, • ISO/IEC 27001 Certified ISMS Professional (STQC-CISP), • Certified Network Security Manager (CNSM) • Certified ISO 20000-1:2018 Awareness & Implementation |
| 4 | Ms.Komala.C.N | September,2005 | 16+ | <ul style="list-style-type: none"> • Trained on Network Security and VAPT by Internet Society of India Bangalore Chapter • Certified Software Team Lead Program • Trained on the following <ul style="list-style-type: none"> ◦ IMS-ISO 27001 (ISMS) Implementation. ◦ IMS-ISO 27001 (ISMS) Internal Auditor. ◦ Integrated Management System Implementation ISO 9001:2008, ISO 27001:2005, ISO 20000:2011 |
| 5 | Mr.Jogender Singh | September,2006 | 15+ | <ul style="list-style-type: none"> • ISMS -LA • ISMS-CISP • Certified Network Security Manager • CEH • CCNA Security • Participation Certificate for <ul style="list-style-type: none"> ◦ SANOG 26 – Security/DNSSEC Workshop. ◦ Network Security VAPT Workshop – CSI Bangalore Chapter 2014. ◦ IPv6 Deployment Workshop by APNIC 2011 ◦ SANOG 30 – Network security workshop 2017 |

| | | | | |
|----|------------------------------------|----------------|-----|--|
| | | | | <ul style="list-style-type: none"> ◦ Network Security Workshop by INNOG – 2018. ◦ CDAC- Vulnerability Assessment and Prevention Training 2021. |
| 6 | Mr. Dipak Kumar | August,2008 | 12+ | <ul style="list-style-type: none"> • ISMS -LA • ISMS-CISP • Certified Network Security Manager |
| 7 | Mr.Sudhakar.T | September,2005 | 16+ | <ul style="list-style-type: none"> • ISMS -LA • ISMS-CISP • Certified Network Security Manager. |
| 8 | Mr.Jimnesh P | July,2006 | 15+ | <ul style="list-style-type: none"> • ISMS -LA • ISMS-CISP • Certified Network Security Manager. • MCP • LAN Implementation and Administration from NITC-IBM ACE Centre |
| 9 | Mr.Jayateerth R Joshi | November,2007 | 14+ | <ul style="list-style-type: none"> • CCNA • Participation Certificate for the following. <ul style="list-style-type: none"> ◦ Red Hat Enterprise Virtualization. ◦ IPV6 Deployment workshop. |
| 10 | Mr.Suresh Kumar J | March,2008 | 13+ | <ul style="list-style-type: none"> • Participation Certificate for the following. <ul style="list-style-type: none"> ◦ Red Hat Enterprise Virtualization. ◦ IPV6 Deployment workshop. ◦ BigData and Cyber Security ◦ Domain Name System (DNS) Security |
| 11 | Mr. Achyut Dutta | December,2005 | 20+ | <ul style="list-style-type: none"> • ISMS -LA • ISMS-CISP • Certified Network Security Manager. |
| 12 | Mr. Ajay S Bhosle | October,2000 | 21+ | <ul style="list-style-type: none"> • ISMS -LA • ISMS-CISP • Certified Network Security Manager |
| 13 | Mr. Ashish | May, 1998 | 23+ | <ul style="list-style-type: none"> • ISMS -LA • ISMS-CISP • Certified Network Security Manager |
| 14 | Mr.Umanath.G.B | October, 2006 | 18+ | <ul style="list-style-type: none"> • ISMS -LA • ISMS-CISP • Certified Network Security Manager |
| 15 | Mr. G Senthil | August,2006 | 15+ | <ul style="list-style-type: none"> • ISMS-CISP • Certified Network Security Manager |
| 16 | Mr. Jitendra Kumar | March,2001 | 21+ | <ul style="list-style-type: none"> • ISMS -LA • ISMS-CISP • Certified Network Security Manager |
| 17 | Mr. K Kuppuraj | July,2000 | 21+ | <ul style="list-style-type: none"> • ISMS -LA • ISMS-CISP • Certified Network Security Manager |
| 18 | Mr. KalidindiVenkata Chandra Varma | December,2005 | 16+ | <ul style="list-style-type: none"> • ISMS-CISP • Certified Network Security Manager |
| 19 | Mr. M Madhan | September,2005 | 19+ | <ul style="list-style-type: none"> • ISMS -LA • ISMS-CISP • Certified Network Security Manager |
| 20 | Mr.Mahesh M | May, 2001 | 20+ | <ul style="list-style-type: none"> • ISMS -LA • ISMS-CISP • Certified Network Security Manager |
| 21 | Mr. Maneesh Kumar | July,2008 | 13+ | <ul style="list-style-type: none"> • ISMS -LA • ISMS-CISP • Certified Network Security Manager |
| 22 | Mr. MayankShrivastava | April,2006 | 17+ | <ul style="list-style-type: none"> • ISMS -LA • ISMS-CISP • Certified Network Security Manager |
| 23 | Mr. Nikhil Kumar Rai | October,2008 | 17+ | <ul style="list-style-type: none"> • ISMS -LA • ISMS-CISP • Certified Network Security Manager |
| 24 | Mr. Nitin Kumar Rai | May,2011 | 10+ | <ul style="list-style-type: none"> • ISMS-CISP |

| | | | | |
|----|-----------------------------|----------------|-----|---|
| | | | | <ul style="list-style-type: none"> • Certified Network Security Manager • ISMS -LA • ISMS-CISP • Certified Network Security Manager |
| 25 | Mr.Pramodsa.MM | November,2011 | 10+ | <ul style="list-style-type: none"> • ISMS -LA • ISMS-CISP • Certified Network Security Manager |
| 26 | Mr. Prafull D Patinge | August,2008 | 13+ | <ul style="list-style-type: none"> • ISMS -LA • ISMS-CISP • Certified Network Security Manager |
| 27 | Mr. Praveen Kumar Dwivedi | August,2008 | 12+ | <ul style="list-style-type: none"> • ISMS -LA • ISMS-CISP • Certified Network Security Manager |
| 28 | Mr. R Pattabiraman | November,2005 | 16+ | <ul style="list-style-type: none"> • ISMS -LA • ISMS-CISP • Certified Network Security Manager |
| 29 | Mr. Rahul Singh | March,2011 | 12+ | <ul style="list-style-type: none"> • ISMS -LA • ISMS-CISP • Certified Network Security Manager |
| 30 | Mr. Rajeeva Kumar | September,2006 | 15+ | <ul style="list-style-type: none"> • ISMS-CISP • Certified Network Security Manager |
| 31 | Mr. Rajesh Behl | April,1998 | 25+ | <ul style="list-style-type: none"> • ISMS -LA • ISMS-CISP • Certified Network Security Manager |
| 32 | Mr. Rajib Kr. Das | September,2005 | 15+ | <ul style="list-style-type: none"> • ISMS-CISP • Certified Network Security Manager |
| 33 | Mr. Rakesh Dubey | October,2008 | 21+ | <ul style="list-style-type: none"> • ISMS -LA • ISMS-CISP • Certified Network Security Manager |
| 34 | Mr. Rakesh Kumar Verma | September,2006 | 15+ | <ul style="list-style-type: none"> • ISMS -LA • ISMS-CISP • Certified Network Security Manager |
| 35 | Mr. Ramesh Yerukula | November,2006 | 19+ | <ul style="list-style-type: none"> • ISMS -LA • ISMS-CISP • Certified Network Security Manager |
| 36 | Mr. S Govindarajan | February,1999 | 22+ | <ul style="list-style-type: none"> • ISMS-CISP • Certified Network Security Manager |
| 37 | Mr. SachinVishwanathPurnale | November,2006 | 18+ | <ul style="list-style-type: none"> • ISMS -LA • ISMS-CISP • Certified Network Security Manager |
| 38 | Ms. Sangeeta Hemrajani | October,2006 | 14+ | <ul style="list-style-type: none"> • ISMS -LA • ISMS-CISP • Certified Network Security Manager |
| 39 | Mr. SoumyaRanjanMohanty | December,2008 | 15+ | <ul style="list-style-type: none"> • ISMS -LA • ISMS-CISP • Certified Network Security Manager |
| 40 | Mr. Tapas RanjanBarik | July,2005 | 16+ | <ul style="list-style-type: none"> • ISMS-CISP • Certified Network Security Manager |
| 41 | Mr. V Ganapathieswaran | May,2008 | 20+ | <ul style="list-style-type: none"> • ISMS-CISP • Certified Network Security Manager |
| 42 | Mr. V Viswa Sai | July,2006 | 16+ | <ul style="list-style-type: none"> • ISMS -LA • ISMS-CISP • Certified Network Security Manager |
| 43 | Mr. Veerabhadra | September,2005 | 16+ | <ul style="list-style-type: none"> • ISMS-CISP • Certified Network Security Manager |
| 44 | Mr. VIRENDRA SINGH | March, 1998 | 23 | <ul style="list-style-type: none"> • ISMS-CISP • Certified Network Security Manager |

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. Ssllscan 7. Arachni 8. Dirbuster 9. Fimap 10. Cain and Abel 11. Hydra 12. Htpprint 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. | <ul style="list-style-type: none"> • 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

| Name of Jurisdiction | Address for Communication | Contact Number |
|-----------------------------|---|---|
| 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 th 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 |
|--------|------------------|---|------------------------------------|--|
|--------|------------------|---|------------------------------------|--|

| | | | | |
|----|-----------------------|------------|------------|---|
| 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"> Nmap Nikto Netcat Metasploit Sqlmap Kali Linux Dirbuster Wireshark John the Ripper Visualcodegrepper Bandit Apktool | <ul style="list-style-type: none"> Nessus Burpsuite |

| Freeware | Commercial |
|---|------------|
| <ul style="list-style-type: none"> • dex2jar | |

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 05/07/2022

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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. | : | Nil |
| PSU | : | 4 |
| Private | : | 30 |
| Total Nos. of Information Security Audits done | : | 34 |

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+ |
| Wireless security audit | : | 2+ |
| Compliance audits (ISO 27001, IEC 62443, IEC 27019, PCI, etc.) | : | 4+ |
| Finance Sector Audits (Swift,ATMs, API, Payment Gateway etc.) | : | 5+ |
| ICS/OT Audits | : | 2+ |
| Cloud security Audits | : | 8+ |
| Secure Source Code Review | : | 10+ |

6. Technical manpower deployed for informationsecurity audits :

| | | |
|--|---|------------|
| CISSPs | : | 2 |
| BS7799 / ISO27001 LAs | : | 2 |
| CISAs | : | 2 |
| DISAs / ISAs : <number of> | | |
| Any other information security qualification: CEH, PenTest+, CISC and CISIM, CREST-CPSA, OSCP and ECSA. | | |
| 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 | 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 | |
| Financial Services | 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 |

| | | |
|-----------|-----------------------------------|-------------|
| 8 | Wireshark | Open Source |
| 9 | Cain & Able | Open Source |
| 10 | SQL Map | Open Source |
| 11 | Prowler – AWS Security Audit tool | Open Source |
| 12 | Metasploit | Open Source |
| 13 | Vooki DAST | Open Source |
| 14 | Exploit DB | |
| 15 | Customized Scripts | |
| 16 | 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 <organization> | 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, CISM, ISO 27001 LA |
| 8 | Rachit Shukla | 0.2 Years | 10 Years | |

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 & its 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 **26thJuly 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. | : | 12 |
| PSU | : | 5 |
| Private | : | 400+ |
| Total Nos. of Information Security Audits done | : | 3000+ |

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 | : | 1 |
| BS7799 / ISO27001 LAs | : | 9 |
| CISAs/CISM | : | 4 |
| DISAs / ISAs | : | 0 |
| CEH/OSCP/ECSA/CCNA | : | 20 |
| Any other information security qualification | : | 25 |
| Total Nos. of Technical Personnel | : | 65+ |

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 | Pariskhit 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.

1. **One of overseas Leading Public/Private-Sector Banks** - PCIDSS Compliance, Managed Services (Quarterly, Annual), Secure Code Review, Application Security Assessment
2. **One of Largest BPO (Global)** - PCIDSS Compliance, Managed Services (Quarterly, Annual)
3. **One of India's Leading Aviation Companies** – PCIDSS Compliance, Application Security Assessment, Infrastructure Security Assessment
4. **One of India's Leading FMCG Companies** – PCIDSS Compliance, Application Security Assessment, Infrastructure Security Assessment, Consulting for ISO 27001 Implementation
5. **One of Leading Telecom Service Provider** – PCIDSS Compliance, Application Security Assessment, Infrastructure Security Assessment, Consulting for ISO 27001 Implementation
6. **One of India's Leading Payment-Switch Companies** – PCIDSS Compliance, RBIPSS Audit, Application Security Assessment, Infrastructure Security Assessment
7. **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
8. **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. | : | <number of> 20+ |
| PSU | : | <number of> NA |
| Private | : | <number of> 460+ |
| Total Nos. of Information Security Audits done | : | 480+ |

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

| | | |
|---|---|-------------|
| Network security audit | : | 107+ |
| Web-application security audit | : | 210+ |
| Source Code Review | : | 20+ |
| Network Devices/Firewall Secure Configuration Audit | : | 40+ |
| Mobile Application Penetration Testing | : | 40+ |
| API PenTesting | : | 20+ |
| Compliance audits (ISO 27001, RBI SAR Audits, etc.) | : | 7+ |
| Other(Server Technical Audits, Application & Network Security Architecture Review, Secure SSDLC Consulting) | : | 20+ |
| Red Team Assessment | : | 2 |
| Skill Staff Augmentation | : | 6+ |

6. Technical manpower deployed for information security audits :

| | | |
|-----------------------|---|----------|
| CISSPs | : | 0 |
| BS7799 / ISO27001 LAs | : | 6 |

| | | |
|--|---|------------|
| CISAs | : | 3 |
| DISAs / ISAs | : | NA |
| Any other information security qualification | : | 20+ |
| Total Nos. of Technical Personnel | : | 45+ |

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 Varutra | 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**

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, PCI, etc.) (Y/N) : **Yes**
- Penetration Testing : **Yes**
- Vulnerability Assessment : **Yes**
- Information security policy review and assessment against best security practices : **Yes**

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

| | | |
|--|---|------------|
| Govt. | : | 72 |
| (Application under Security Audit at present | : | 34+ |
| PSU | : | 5 |
| Private | : | 0 |
| Total Nos. of Information Security Audits done | : | 77 |

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

| | | |
|--|---|-----------|
| Network security audit | : | 0 |
| Web-application security audit | : | 77 |
| Wireless security audit | : | 0 |
| Compliance audits (ISO 27001, PCI, etc.) | : | 0 |

6. Technical manpower deployed for informationsecurity audits :

| | | |
|--|---|-----------|
| CISSPs | : | 0 |
| BS7799 / ISO27001 LAs | : | 3 |
| CISAs | : | 0 |
| DISAs / ISAs | : | 0 |
| Any other information security qualification (CEH) | : | 06 |
| Total Nos. of Technical Personnel | : | 7 |

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-Uphaar' 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:

- | | |
|---|--|
| <ul style="list-style-type: none"> • Nikto • OWASP ZAP • DIRB • Wireshark • Metasploit • Toolsavailable with Kali Linux | <ul style="list-style-type: none"> • 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** 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.

Back

**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, 6th 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 | - | Yes |
| • Web-application security audit | - | Yes |
| • Wireless security audit | - | Yes |
| • Cloud Security Audit | - | Yes |
| • Mobile Application Security Audit | - | Yes |
| • Compliance audits (ISO 27001, IEC 27019 PCI, etc.) | - | Yes |
| • 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 | : | 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 | : | 25+ |
| Web-application security audit | : | 20+ |
| Wireless security audit | : | 1 |
| Compliance audits (ISO 27001, PCI, GDPR, ISO 27701, HIPPA etc.) | : | 25+ |
| Cloud Security Audit | : | 5+ |
| Mobile Application Security | : | 20+ |
| SOX & ITGC Testing | : | 5+ |
| System Audits | : | 5+ |
| External Threat Intelligence | : | 1 |

6. Technical manpower deployed for informationsecurity audits:

| | | |
|------------------------------------|---|-----------|
| BS7799 / ISO27001 LAs | : | 4 |
| CISAs | : | 1 |
| CEH/ CCNA/App Security/CNSS | : | 6 |
| Python Scripting& Tool development | : | 1 |
| Cloud Security | : | 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 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 stringentcyber & 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"> - Complex VAPT Testing environment for the following scope of work in multiple geographical locations: <ul style="list-style-type: none"> 1) Servers – 25+ 2) Laptops/Desktops- 500+ 3) Applications- 4+ (including ERP System) 4) Network devices – Firewalls/Switches/Router s – 15 - ISO 9001 consultancy and support for multiple location. | 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"> - VAPT & Security Assessment of IT Infrastructure and applications <ul style="list-style-type: none"> 1) Web and Mobile Applications – 3 2) Cloud Security Assessment (servers)- 100 3) Server Hardening check- 100+ - General Data Protection Act (GDPR) consultancy and implementation support for 600+ employees spanned in multiple geographical locations. - ISO 27001 Consultancy and advisory services with certification support for multiple year support deal | 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 & IT General controls for Test of design and effectiveness, supporting SOX compliances & audit with scope included in the testing is as following:</p> <ul style="list-style-type: none"> - Applications – 19 - Servers – 100+ - Controls- 54 - Test cases (Work papers) – 700+ | 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 & production site with scope of work included:</p> <ul style="list-style-type: none"> - VAPT & Security Assessment of IT Infrastructure and applications <ul style="list-style-type: none"> 1) Server- 25+ | 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 |
|---|--|---|
| Web: 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 Mobile: Mobsf, Drozer, Android Debug Bridge, apktool , cyndia , Frida and objection Network: Nmap, Wireshark, Metasploit, OpenVAS and nessus Cloud : AWS- Scoutsuite, PACU Azure - scoutsuite, azurcar, powerzure And other tools as per client environment | Web: Brupsuite professional and others, Network: Nessus And other tools as per client environment. | Threat Intelligence tool (Cybersrc-TI®) Vulnerability management system tool(Cybersrc-VMS®) Python based Scripts developed for auditing purposes. |

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**

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**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. | : | 6 |
| PSU | : | 2 |
| Private | : | 151 |
| Total Nos. of Information Security Audits done | : | 159 |

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 |
| Technical manpower deployed for informationsecurity 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 | - | 2 |
| CBCP | - | 1 |
| Total Nos. of Technical Personnel | : | 14 |

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 <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 |

| S. No. | Name of Employee | Duration with <i><organization></i> | 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: **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: **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 | jSQL | 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 |

| | | |
|----|----------------------|----------|
| 53 | Maltego | Freeware |
| 54 | Metasploit Framework | Freeware |
| 55 | RouterSploit | Freeware |
| 56 | Aircrack-ng Suite | Freeware |
| 57 | Bluetooth-arsenal | Freeware |
| 58 | Airgeddon | Freeware |
| 59 | kalibrate-rtl (GSM) | Freeware |
| 60 | KillerBee | Freeware |
| 61 | wpscan | Freeware |
| 62 | DirBuster | Freeware |
| 63 | fimap | Freeware |
| 64 | FunkLoad | Freeware |
| 65 | hURL | Freeware |
| 66 | w3af | Freeware |
| 67 | XSStrike | 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 < 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. | : 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 | : 10+ |
| Web-application security audit | : 70+ |
| Wireless security audit | : 5+ |
| Compliance audits (ISO 27001, IEC 62443, IEC 27019, PCI, SOC2, GDPR etc.) | : 10+ |
| Finance Sector Audits (Swift,ATMs, API, Payment Gateway etc.) | : 2+ |
| Cloud security Audits | : 3+ |
| Secure Code revie | : 2+ |
| Firewall Configuration review | : 10+ |
| IOT Security Testing | : 3+ |

6. Technical manpower deployed for informationsecurity audits :

| | |
|---|------------|
| CISSPs | : 0 |
| BS7799 / ISO27001 LAs | : 0 |
| CISAs | : 0 |
| DISAs / ISAs | : 0 |
| Any other information security qualification: CEH: 5, ISO 27001 LI:1 | |

| | |
|-----------------------------------|------------|
| 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 ISECURION | 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 | 3.4 Years | 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
- Prcoess 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) : **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. | : 50+ |
| PSU | : 100+ |
| Private | : 150+ |
| 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 | : 100+ |
| Web-application security audit | : 200+ |
| Wireless security audit | : 50+ |
| Compliance audits (ISO 27001, PCI, etc.) | : 10+ |

6. Technical manpower deployed for informationsecurity audits :

| | |
|--|--------------|
| CISSPs | : 1 |
| BS7799 / ISO27001 LAs | : 2 |
| CISAs | : NA |
| DISAs / ISAs | : NA |
| Any other information security qualification: (GCFA/CCISO/CEH/CHFI) | |
| Total Nos. of Technical Personnel | : 45+ |

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 | 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
- WebSecurity

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"> • Network Penetration testing • IOT/OT Security Assessments • SCADA/ICS Security Assessments |
| Application Security Assessment | <ul style="list-style-type: none"> • Web Application Security Assessment • Mobile Application Security Assessment • Application Source Code Reviews (SAST, IAST, SCA, DAST) • API Security Assessments |
| Digital Payment Systems Security Assessment | <ul style="list-style-type: none"> • Digital Wallets and Payment Systems Security Assessments (Apple Pay, Samsung pay etc) • Payment Aggregators and Payment Gateway Security Assessment |

| | |
|---|--|
| ATM/ITM, POS, Card Production Security Assessments | <ul style="list-style-type: none"> • POS terminals and POS preparation security assessments • ATM/CDM/ITM/BTM security assessments • Payment gateway security assessment and testing • Card production security assessment |
| Adversarial Simulations | <ul style="list-style-type: none"> • External Red teaming and spear phishing • Internal Red Teaming • Purple Teaming • Attack Surface discovery and reduction • Business Email Compromise Simulations |
| Security Operations Center (CSOC) Assessment | <ul style="list-style-type: none"> • SOC assessment with content and correlation review • Threat Simulations and SOC Cyber Drills |
| Enterprise Security & Critical Infrastructure Assessments | <ul style="list-style-type: none"> • Enterprise security architecture review • Security Engineering Reviews • Enterprise email system security assessment • Core Banking systems Security Assessments • Firewall segmentation testing • Security baselining and control validation |
| Other Advanced Security Assessments | <ul style="list-style-type: none"> • RPA and robotics security assessment • Cloud security assessment – (IAAS, PAAS, SAAS) • Blockchain, AI and ML Applications Security Assessments |
| GRC Enablement | <ul style="list-style-type: none"> • PCI DSS • SWIFT CSP • GDPR • ISO27K • NIST • RBI DPS |

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 | 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 | Sindhori 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

| | | | | |
|--|---|--|--|--|
| Tools from Penetration Testing Distribution S: <ul style="list-style-type: none"> Kali Linux Parrot OS BlackArch Kali Net Hunter Tails Qubes Whonix | Multi-paradigm Frameworks: <ul style="list-style-type: none"> Metasploit Armitage Faraday ExploitPack Pupy | Reverse Engineering Tools <ul style="list-style-type: none"> IDA Pro PEStudio PEView WDK/WinDBG OllyDbg X64dbg De4dot Radare2 Immunity Debugger Frida dnSpy binwalk PyREBBox Voltron Capstone Readelf | Web App Scanners: <ul style="list-style-type: none"> Qualys WAS Nikto Arachni W3af Wapiti WebReaver WPScan Cms-explorer Joomscan | Exploitation Frameworks: <ul style="list-style-type: none"> OWASP ZAP Fiddler Burp Suite Pro OWASP-OWTF Wordpress Exploit Framework WPSploit Secaps Suite ACSTIS |
| Exploit Frameworks ctd: <ul style="list-style-type: none"> SQLmap Tplmap Weevely3 Wappalyzer WhatWeb Wafw00f Fimap Kadabra Kadimus Liffy Commix DVCS Ripper Sslstrip2 NoSQLmap VHostScan FuzzDB | Network Utilities: <ul style="list-style-type: none"> Nmap Scanless Tcpdump Wireshark/Tshark Pig Netsniff-NG Intercepter-NG SPARTA Dnsenum Dnsmap Dnsrecon DNSChef Dshell Mitmproxy Morpheys Mallory | Network Utilities Ctd. <ul style="list-style-type: none"> , SSH MITM Netzob Pwnat Smbmap Scapy Dripcap Printer Exploitation Toolkit Praeda Routersploit Evilgrade Xray Ettercap CrackMapExec zarp | Windows Utilities <ul style="list-style-type: none"> Sysinternals Suite Windows Credentials Editor Mimikatz PowerSploit Windows Exploit Suggester Responder Bloodhound Empire Fibratus wePWNise redsnarf Magic Unicorn DeathStar | Transport Layer Security Tools <ul style="list-style-type: none"> SSLyze Tls_prober Testssl.sh Infra and OS Vulnerability Scanners: <ul style="list-style-type: none"> Nexpose Nessus OpenVAS Vuls Qualys Guard |
| Security Control Evasion Tools <ul style="list-style-type: none"> Veil Shellsplt Hyperion AntiVirus Evasion Tool peCloak.py UniByAV | Hash Cracking Tools <ul style="list-style-type: none"> John the Ripper Hashcat CeWL JWT Cracker Rar Crack BruteForce Wallet | Wireless Security Assessment Tools: <ul style="list-style-type: none"> Aircrack-ng Kismet Reaver Wifite Fluxion | Anonymity Tools <ul style="list-style-type: none"> Tor Onion Scan I2P Nipe | Secure Code Review tools <ul style="list-style-type: none"> Veracode SonarQube Sourcemeter Checkmarx |

| | | | | |
|---|--|--|--|--|
| OSINT Tools | Social Engineering | Proprietary Tools | | |
| <ul style="list-style-type: none"> • Maltego • Harpoon • Google dorks • GHDB • Censys • Shodan • Recon-ng • SpiderFoot • ZoomEye • Intrigue | <ul style="list-style-type: none"> • Custom SMTP Servers & Phishing Frameworks • Custom Spearphishing Exploit Payloads | <ul style="list-style-type: none"> • NS-Segmentor - This is a segmentation penetration testing suite that assess effectiveness logical segmentation controls. • NS-Hawk - This is a OSINT and Darkweb threat intelligence harvesting tool • NS-TIP - This a Threat Intelligence Platform capable of IOC analysis and sharing • NS-ElastikTA - This a Threat Hunting and Security Analytics platform developed with ELK stack | | |

Custom Tools: In addition to the above listed tools, custom tools will be developed based on the context of the scoped asset.

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 26th July, 2021

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**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:504,5th Floor, 58, Sathyog 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 informationsecurity 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 | RoopaliJain | 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 | Ollydbg | 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

**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) | Y |
| • Web-application security audit (Y/N) | Y |
| • Wireless security audit (Y/N) | Y |
| • Compliance audits (ISO 27001) (Y/N) | Y |
| • Finance Sector Audits (Swift,ATMs, API, Payment Gateway etc.) (Y/N) | N |
| • ICS/OT Audits (Y/N) | Y |
| • Cloud security Audits (Y/N) | N |
| • IT Security policy and documentation (Y/N) | Y |
| • Phishing Campaign (Y/N) | Y |
| • Architecture Review (Y/N) | Y |
| • Source Code Review (Y/N) | Y |

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

| | |
|--|----|
| Govt. | 0 |
| PSU | 0 |
| Private | 62 |
| Total Nos. of Information Security Audits done | 62 |

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 |
| OT Security audit | 5 |
| Compliance audits (ISO 27001, PCI, etc.) | 14 |
| Information Security Incident Management | 14 |
| Business Continuity Planning | 16 |
| Risk Assessment | 2 |
| Information Security Awareness | 2 |
| Compliance audit as per statutory guidelines | 1 |

6. Technical manpower deployed for informationsecurity audits :

| | |
|---|-------------------------------------|
| CISSPs | 0 |
| BS7799 / ISO27001 LAs | 13 |
| CISAs | 1 |
| DISAs / ISAs | 0 |
| Any other information security qualification: | CISM:1, CEH:4, CASE:6, CND:3 |
| 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 TATA Power- DDL | Experience in Information Security | Qualifications related to Information security |
|--------|------------------|---|---------------------------------------|---|
| | | | | |

| | | | | |
|---|--------------------|----------|----------|--|
| 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.

| | | |
|--|--|--|
| Leading Power Sector Organization | 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: <ul style="list-style-type: none"> • 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) • Allocating suitable resources to undertake planned | No. of Teams audited- 13 Team Details- Delivery Excellence Enterprise Application Training Enterprise Application (SAP-ISU) Analytics & Insights Enterprise Application - SAP Infosec / CISO HR Legal and Compliance |
|--|--|--|

| | | |
|--|--|---|
| | <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"> 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 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). <p>Audit management activities include:</p> <ul style="list-style-type: none"> 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) Supervising, guiding, motivating and supporting auditors, ensuring they follow accepted audit practices, conducting file reviews and proofreading draft reports 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 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) Liaising with management, perhaps providing interim updates and setting expectations for the audit reporting phase. <p>Various checkpoints considered during the audit are as listed below:</p> <ul style="list-style-type: none"> Need, importance, expectations, awareness of ISMS Lists of procedures and policies Statement of Applicability (SoA) Risk assessment Metrics to track the performance of Information Security Objectives List of information assets Business Continuity Plan and Disaster Recovery (BCP-DR Plan) Incident Management | <p>SAP Basis IT Infrastructure Physical & e-Security Interaction with Secondary Data Centre team Top Management</p> |
|--|--|---|

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. | : 0 |
| PSU | : 0 |
| Private | : 234 |
| Total Nos. of Information Security Audits done | : 234 |

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

| | |
|--|--------------|
| Network security audit | : 102 |
| (Multiple IPs) | |
| External PT | : 2 |
| Internal VA | : 50 |
| Configuration Review | : 50 |
| Web-application security audit | : 68 |
| Wireless security audit | : 0 |
| Compliance audits (ISO 27001, IEC 62443, IEC 27019, PCI, etc.) | : 0 |
| Finance Sector Audits (Swift, ATMs, API, Payment Gateway etc.) | : 41 |
| ICS/OT Audits | : 0 |
| Cloud security Audits | : 0 |
| Mobile-application security audit | : 19 |
| Thick Client-application security audit | : 4 |

6. Technical manpower deployed for informationsecurity audits :

| | |
|--|------------|
| CISSPs | : 0 |
| BS7799 / ISO27001 LAs | : 1 |
| CISAs | : 0 |
| DISAs / ISAs | : 0 |
| Any other information security qualification | : 4 |
| Total Nos. of Technical Personnel | : 5 |

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 Amigosec Consulting Private Limited | 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 | Sidhwick 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)

NBFCC 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 |
|------------------------------------|--|-------------|
| Nessus Professional Scanner | For scanning vulnerabilities in server ports | Commercial |
| Burp-suite Professional | For Capturing Web Request & Response, and injecting attack payloads | Commercial |
| SynVM | For Centralized Vulnerability management | Proprietary |
| Owasp ZAP | For Capturing Web Request & Response, and injecting attack payloads | Freeware |
| NMAP | For Port Scanning | Freeware |
| SQLMap | For exploiting SQL injection parameters | Freeware |
| DirBuster | For identifying web directories present on the server | Freeware |
| Nikto | For scanning web server for security flaws related to configurations | Freeware |
| WinHex | For reading browser memory | Freeware |
| Wireshark | For network analysis | Freeware |
| POSTMAN | For Web services and API Testing | Freeware |
| JD-GUI / DEX2JAR/ APKTOOL | For Android Mobile App reverse engineering | Freeware |
| Drozer | For dynamic analysis of Mobile Application | Freeware |
| MOBSF | For static application security testing | Freeware |
| Metasploit Framework | For developing and executing exploit code for systematic vulnerabilities on networks and servers | Freeware |
| Hydra/John the Ripper | For password cracking | Freeware |
| Nipper-ng | For audits the security of network devices such as switches, routers, and firewalls | Freeware |
| Netcat | For reading from and writing to network connections using TCP or UDP | Freeware |
| Aircrack-Ng | 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?
If yes, give details : No

13. Locations of Overseas Headquarters/Offices, if any

: No

*Information as provided by **Amigosec Consulting Private Limited** on **30-July-2021**

Back

**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.anzentech.com

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, HIPAA, GDPR, PDPB and NIST etc.) : | : | Yes |
| • Compliance implementation end to end consultancy (ISO 27001, PCI, HIPAA, GDPR, PDPB and NIST etc.) | : | Yes |
| • Managed security services | : | Yes |
| • Risk assessment | : | Yes |
| • Mobile-application security audit | : | Yes |
| • Thick client-application security audit | : | Yes |
| • API security audit | : | Yes |
| • Micro service security audit | : | Yes |
| • Secure code review | : | Yes |
| • SAP security audit | : | Yes |
| • Red team assessment | : | Yes |
| • Firewall configuration audits | : | Yes |
| • Firewall rule review | : | Yes |
| • Network devices configuration audits (routers, switches) | : | Yes |
| • Server configuration audits | : | Yes |
| • Database configuration audits | : | Yes |
| • Cloud infrastructure security audits | : | Yes |
| • IOT device security audit | : | Yes |
| • AI/ML product security audit | : | Yes |
| • Reverse engineering | : | Yes |
| • Social engineering audits | : | Yes |
| • Phishing campaign | : | Yes |
| • Network architecture review | : | Yes |
| • Incident response | : | Yes |
| • Incident management | : | Yes |
| • Forensics investigation and analysis | : | Yes |
| • Threat hunting | : | Yes |
| • Defacement monitoring | : | Yes |
| • Network malware scan | : | Yes |
| • Information security trainings | : | Yes |
| • SOC consulting | : | Yes |
| • SIEM consulting | : | Yes |
| • Data Loss prevention implementation | : | Yes |
| • Firewall Implementation | : | Yes |
| • ATM Security solution | : | Yes |
| • Identity and access management | : | Yes |
| • MITRE ATT&CK Framework Implementation | : | Yes |
| • SSLDC Consulting | : | Yes |
| • Physical Security Audit | : | Yes |

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

| | | |
|-------|---|---|
| Govt. | : | 0 |
| PSU | : | 0 |

| | | |
|--|---|-------------|
| 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 informationsecurity 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 ANZEN Technologies | 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 28July 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. | : <number of> |
| PSU | : <number of> |
| Private | : <4> |
| Total Nos. of Information Security Audits done | : 4 |

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 | : <2> |
| Wireless security audit | : <None> |
| Mobile Application security audit | : <1> |
| Compliance audits (ISO 27001, PCI, etc.) | : <None> |

6. Technical manpower deployed for informationsecurity audits :

| | |
|-----------------------|-----------------------|
| CISSPs | : <1> |
| BS7799 / ISO27001 LAs | : <3> |
| CISAs | : <None> |
| DISAs / ISAs | : <None> |

| | |
|---|--------------------|
| Any other information security qualification: | |
| CPISI | : <3> |
| CEH | : <2> |
| 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 <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 | Riaz Kakroo | 2.9 | 20 | Certified Information Security Risk Assessor, Certified Payment Card Security Implementer, Certified Business Continuity Management Assessor, and Certified Data Security Control Assessor |
| 4 | Deepika Wadhwani | 10.6 | 10.6 | CPISI, ISO27001 LA, ISO31000 |
| 5 | Harish Eshwarappa | 6.4 | 6.4 | CPISI , Certified risk professional, Purusing ISO 27001 LA |
| 6 | Sabareesh VK | 2.7 | 2.7 | CEH, Nessus Certificate of Proficiency, Tenable.io Certificate of Proficiency, (OSCP) |
| 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"> • Rapid7 InsightVM • Nessus Professional • Burp Suite Professional • Nipper Studio • ManageEngine • Darktrace Antigena • Fortinet • McAfee • Symantec | <ul style="list-style-type: none"> • CyberSecurus • Phishing simulator • Custom scripts and codes developed on need basis | <ul style="list-style-type: none"> • Nmap • Sqlmap • OWASP Zed Attack Proxy • Nikto web scanner • Weevly • Dirbuster • Metasploit • NetCat • W3af • Wireshark • exploit-db • Aircrack-ng • Cain and Able • SSLstrip • MobSF • Wazuh • Suricata • Firewall • Httprecon • Curl • Kali Linux • Firefox browser and 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? : 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 |
|--------------------------|--|
| Open-Source Tools | |
| 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 |
| Commercial Tools | |
| Burp Suite Pro | Web Vulnerability Scanner & Interceptor |
| Acunetix | Web Scanner Tool |
| Nessus Professional | Vulnerability Assessment |
| Nipper | Firewall & Network Configuration Audit Tool |
| Proprietary Tool | |
| 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

| | |
|--|--|
| San Francisco Metro Area | 19925 Stevens Creek Blvd. Suite #100, Cupertino, CA 95014, United States of America. |
| New York Metro Area | 2500, Plaza 5, Harborside Financial Center, Jersey City, NJ 07311, United States of America. |
| Dallas Fort Worth Metro Area | 5700 Granite Pkwy, Suite 200, Plano, TX 75024, United States of America. |
| Ottawa Gatineau Cybersecurity Cluster | 400–1565 Carling Avenue, Ottawa, Ontario K1Z 8R1, Canada. |
| UAE | Saif Suite Z1-66, P.O. Box 121421, Sharjah, United Arab Emirates. |
| KSA | 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 **2nd 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. | : | 50 |
| PSU clients | : | 2 |
| Private clients | : | 47 |
| Total Nos. of Information Security Audits done | : | 99 |

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 | : | 58 |
| Wireless security audit | : | 0 |
| Compliance audits (IS Audit, etc.) | : | 11 |
| Mobile Application Audit | : | 17 |
| Thick/Thin Client Audit | : | 1 |
| API Testing | : | 2 |

6. Technical manpower deployed for informationsecurity audits:

| | | |
|--|---|-----------|
| CISSPs | : | 3 |
| BS7799 / ISO27001 LAs | : | 3 |
| CISAs | : | 5 |
| DISAs / ISAs | : | 0 |
| Any other information security qualification | : | 11 |
| Total Nos. of Technical Personnel | : | 11 |

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):

| Network security audit | Web-application security audit |
|--------------------------------|---------------------------------------|
| Nessus Professional | Accunetix Vulnerability Scanner |
| Kali Linux tools | Burp Professional Scanner |
| Metasploit Framework | Browser Addons |
| WireShark | BruteSpray |
| Nipper | Dirbuster |
| Nmap | DNSRecon |
| Masscan | DotDotpwn |
| Bloodhound | Exploitdb |
| Hping2 Script | Gobuster |
| Ike - scan | Hashcat |
| Impacket Tools | In-house scripts |
| In-house scripts | John the Ripper |
| Nishang | Johnny |
| Nmap Script | Kali Linux tools |
| Nuclei | Metasploit Framework |
| OpenVAS | Nikto |
| PowerSploit | SecLists |
| PowerUp | SQLMap |
| PowerView | ssllscan |
| SMBClient | WP-Scanner |
| SMBMap | Zaproxy |
| SNMPWalk | Zed Attack Proxy (ZAP) |
| Wireless security audit | Mobile Application Audit |
| Aircrack | 3utools |
| AirSnort | Android Debug Bridge |
| Cain & Abel | APKTool |
| Fern Wifi | Burp Professional |
| Kali Linux tools | Cydia |
| | dex2jar |
| | Drozer |
| | Exposed Framework |
| | Frida |
| | GenyMotion |
| | Kali Linux tools |
| | Libertylite |
| | MobSF |

| | |
|---|--|
| | QARK RMS Framework RootCloak SSLBypass SSLKillSwitch SSLUnpinning |
| <u>Thick/Thin client Audit</u> Burp Professional CFF Explorer DIE Tool Echo Mirage IDA Debugger ITR Kali Linux tools Process 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 <organization> | Experience in Information Security | Qualifications related to Information security |
|--------|-----------------------|---|------------------------------------|--|
| 1 | Suhas Nayak | 3 | 9 years | CEH, pursuing CRTP |
| 2 | Malligarjunan Eswaran | 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 | Dhrumil 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. Metago
- 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**

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**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, Arjunganj, 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 | : | Yes |
| • Web-application/API security audit | : | Yes |
| • Wireless security audit | : | Yes |
| • Compliance audits (ISO 27001, PCI, etc.) | : | Yes |
| • IT Infrastructure Audits | : | Yes |
| • Mobile Application security audit | : | Yes |
| • Thick Client Application security audit | : | Yes |
| • Payment Gateway Audit | : | Yes |
| • IT Risk Assessment | : | Yes |
| • UIDAI AUA/KUA Audit | : | Yes |
| • Vulnerability Assessment and Management | : | Yes |
| • Penetration Testing (Web/Network/Infra) | : | Yes |
| • Cyber Crime Investigation | : | Yes |
| • Cyber Forensics Investigation (Mobile Forensics, Computer Forensics, Audio/Video Forensics, Network Forensics, CDR & IPDR Analysis, Email Forensics etc.): | : | Yes |
| • Credit/Debit Card Fraud Investigation | : | Yes |
| • VOIP Fraud Investigation | : | Yes |
| • IT Security Consulting Services | : | Yes |
| • Information Security Awareness / Cyber Crime Investigation Trainings: | : | Yes |
| • OWASP Top 10 Awareness Training | : | Yes |
| • Social Engineering | : | Yes |
| • Threat Modeling | : | Yes |
| • Operational Technology (OT) Audits | : | Yes |
| • SCADA & Critical IT Infrastructure Audits | : | Yes |

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

| | |
|---|------------|
| Govt.: | 10+ |
| PSU: | 0 |
| Private: | 50+ |
| Total Nos. of Information Security Audits done: | 60+ |

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 | : | 20+ |
| Wireless security audit | : | 2 |
| Mobile Application Security Assessment | : | 2 |
| Penetration Testing | : | 15+ |
| Cyber Crime Investigation | : | 20+ |
| Compliance audits (ISO 27001, PCI, etc.) | : | 2 |

| | | |
|---|---|----------|
| IT Infrastructure Audit | : | 1 |
| Web API Security Audit | : | 2 |
| UIDAI AUA/KUA Audit | : | 1 |
| SBI Vendor Site Compliance Certificate (SBI VSCC) | : | 1 |

6. Technical manpower deployed for informationsecurity audits:

| | |
|---|------------|
| OSCP: | 3 |
| BS7799 / ISO27001 LAs: | 1 |
| CEH: | 6 |
| Any other information security qualification: | 5 |
| 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 Innovador 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 leadingtechnical 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:
(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 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) | YES |
| • Vulnerability Assessment & Penetration Testing (Y/N) | YES |
| • Web-application security audit (Y/N) | YES |
| • Phishing Simulation Exercise (Y/N) | YES |
| • Wireless security audit (Y/N) | YES |
| • Source Code Review (Y/N) | YES |
| • Mobile Application Audit (Y/N) | YES |
| • Information Systems Audit (Y/N) | YES |
| • IT Risk Assessment (Y/N) | YES |
| • Formulation of IT policies & Procedures (Y/N) | YES |
| • ERP Audit (SAP, etc.) (Y/N) | YES |
| • Configuration Analysis and Auditing (Y/N) | YES |
| • API Security Audit (Y/N) | YES |
| • Thick Client Security Audit(Y/N) | YES |
| • Cloud Security Audit(Y/N) | YES |

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

| | | |
|--|---|------------|
| Govt. | : | 0 |
| PSU | : | 0 |
| Private | : | 63+ |
| Total Nos. of Information Security Audits done | : | 63+ |

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 | 130+ |
| Mobile Application Audit | 40+ |
| Phishing Simulation Exercise | 127+ |
| Wireless security audit | 1+ |
| Source Code Review | 11+ |
| ERP Audit (SAP, etc.) | 3+ |
| Configuration Analysis and Auditing | 31+ |
| Thick Client Security Audit | 4+ |
| API Security Testing | 5+ |
| Cloud Security Audit | 10+ |

6. Technical manpower deployed for informationsecurity audits:

| | | |
|--|---|-----------|
| CISSPs | : | 0 |
| BS7799 / ISO27001 LAs | : | 0 |
| CISAs | : | 0 |
| ISCP | : | 11 |
| CEH | : | 3 |
| DISAs / ISAs | : | 0 |
| Any other information security qualification | : | 2 |
| 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 | 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 | <p>Web application Security assessment, Internal and external Network Penetration Testing and Security configuration review for two of their Major infrastructure within the country.</p> <p>The scope of work includes security audit of Web applications, SOAP web services, IPs, devices configuration, Phishing Simulation Exercise, incident response service.</p> <p>The Project value was 30 Lacs Annually</p> |
| India's Leading Ecommerce Company | <p>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.</p> <p>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.</p> <p>The Project value was 40 Lacs Annually</p> |

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. Ssllscan | 5. OpenVas | 5. W3af |
| 6. Google Advanced search | 6. Netcat | 6. Nikto | 6. Sqlmap |
| 7. Shodan.io | 7. Jwtcat | 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. Mxtoolbox | 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 : (Y)
- 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) ² |
| 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.

| Sl 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"> • ISMS Audit and Consultancy • Web Application Security Audit • Infrastructure/Network Security Audit • Cloud Security Audit <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"> • External VA-PT • ISMS consultancy to ensure security maturity level as mandated by HIPAA <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 | G.D. Apte & Co. |
| 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) | Yes |
| | ICS/OT Audits(Y/N) | No |
| | Cloud security Audits (Y/N) | Yes |
| 4 | Information Security Audits carried out in last 12 Months : | |
| | Govt. | < - > |
| | PSU | 1 |
| | Private | < - > |
| | Co-Operative | 2 |
| | Total Nos. of Information Security Audits done | 3 |
| 5 | Number of audits in last 12 months , category-wise (Organization can add categories based on project handled by them) : | |
| | Network security audit | --- |
| | Web-application security audit | --- |
| | Wireless security audit | --- |
| | Compliance audits (ISO 27001, IEC 62443, IEC 27019, PCI, etc.) | 2 |
| | Finance Sector Audits (Swift, ATMs, API, Payment Gateway etc.) | --- |
| | ICS/OT Audits | --- |
| | Cloud security Audits | --- |
| | Systems Design Review | 1 |
| | Concurrent Audit Data Center | 1 |
| | Systems Audit | 2 |
| | Internal Financial Controls/ITGC | 1 |
| 6 | Technical manpower deployed for information security audits : | |
| | CISSPs | 1 |
| | BS7799 / ISO27001 LAs | 1 |
| | CISAs | 3 |
| | DISAs / ISAs | 5 |
| | Any other information security qualification | --- |
| | 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)

| 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?
If yes, give details : No
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 |
| • CRTP | : | 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 | Vudit 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.
- o Security assessment of 1400 applications for global largest media conglomerate
 - o Infrastructure Security Assessment of some of the largest banks In India
 - o Red Team Assessments of some largest private banks in India
9. List of Information Security Audit Tools used (commercial/ freeware/proprietary):
- o **Commercial:** Acunetix, Checkmarx, Cobalt Strike, Burp Suite, Nessus Professional
 - o **Proprietary:** SAFE
 - o **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**
- o 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 informationsecurity 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)

| . No. | Name of Employee | Duration with <organization> | Experience in Information Security | Qualifications related to Information security |
|--------------|-------------------------|---|---|---|
| 1 | Yogendra Rajput | 7 Years | 22 years | <ul style="list-style-type: none"> • CISM – Certified Information Security Manager CPISI – Certified Payment Card Industry Security Implementation ISO 27001 Implementation Certificate from BSI. Checkpoint Certified Security Administrator [CCSA]. • ITIL V2 and V3 & ISO 20000 Cisco Certified Network Associate [CCNA]. |
| 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 **23rd 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 |
| 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 MobiTrail | 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 Kochhar | 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 |

| Commercial |
|---------------------|
| Burp Suite |
| Nessus Professional |

| Proprietary |
|---|
| 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 : 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: No

*Information as provided by Mr. Vikas Kedia from MobiTrail on 2nd 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 informationsecurity 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.

| Sl | 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 | AndroDebugge r | 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 | XSSscrapy | | |
| | 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 **Sequretek 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 | : | 50+ |
| Web-application security audit | : | 100+ |
| Wireless security audit | : | 5+ |
| Compliance audits (ISO 27001, PCI, etc.) | : | 50+ |
| Block chain Security Assessment | : | 5+ |
| Platform Security (SAP/Oracle/Salesforce/workday) | : | 20+ |
| Application security architecture audits | : | 50+ |
| DevSecOps Assessments and Implementations | : | 20+ |
| Cloud Security Audits | : | 10+ |

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 Accenture | 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 SSLabs SSLstrip SSLyzed Nmap Wireshark Paros Ecomirage Fiddler |

| | |
|--|--|
| | Drozer Objection Burp suite Postman Metasploit Findsecbugs Security Code Scan Scoutsuite Git secrets |
|--|--|

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**

Back

**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) : **Yes**
- Web-application security audit (Y/N) : **Yes**
- Wireless security audit (Y/N) : **No**
- Compliance audits (ISO 27001, PCI, etc.) (Y/N) : **Yes**
- Cloud Security Audit and Configuration Review (Y/N) : **Yes**
- Mobile App Security Audit (Y/N) : **Yes**
- Vulnerability Assessment Penetration Testing (Y/N) : **Yes**
- Thick Client Application Security Testing (Y/N) : **Yes**
- IoT Security Audit (Y/N) : **Yes**
- DR, SCM, BCP and Due diligence Audits : **Yes**

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

| | | |
|--|---|-------------|
| Govt. | : | 20+ |
| PSU | : | 0 |
| Private | : | 90+ |
| Total Nos. of Information Security Audits done | : | 110+ |

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 | : | 80+ |
| Cloud Security Audit and Configuration Review | : | 10+ |
| Mobile App Security Audit | : | 20+ |
| DR, SCM, BCP and Due diligence Audits | : | 30+ |

6. Technical manpower deployed for informationsecurity audits :

| | | |
|---|---|----------|
| CISSPs | : | 0 |
| BS7799 / ISO27001 Las/ISO 27001 LIs | : | 2 |
| CISAs | : | 1 |
| OSCP | : | 1 |
| OSWP | : | 1 |
| ECSA | : | 1 |
| CHFI | : | 1 |
| CEH and Equivalent | : | 7 |
| ICSI CNSS Certified Network Security Specialist | : | 1 |
| CNSS Certified Network Security Specialist | : | 1 |
| Fortinet NSE 1 Network Security Associate | : | 1 |
| Fortinet NSE 2 Network Security Associate | : | 1 |
| API Security Test Architect | : | 2 |
| 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 <organization> | 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

***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) : **Y**
- Web-application security audit (Y/N) : **Y**
- Device Security Audit (Y/N) : **Y**
- Mobile Application Security Audit (Y/N) : **Y**
- Wireless security audit (Y/N) : **Y**
- ICS/ SCADA Security audit (Y/N) : **Y**
- Embedded System security audits (Y/N) : **Y**
- ISO 27001 Compliance audits (Y/N) : **Y**
- IEC 62443 Compliance audits (Y/N) : **Y**

4. Information Security Audits carried out in **last12 Months**:

| | | |
|--|---|------------|
| Govt | : | Nil |
| PSU | : | Nil |
| Private | : | 17 |
| Total Nos. of Information Security Audits done | : | 17 |

(Due to COVID pandemic few audits are deferred &overall audits performed have been limited during the period)

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

| | | |
|-----------------------------------|---|-----------|
| Network security audit | : | 4 |
| Web-application security audit | : | 21 |
| Device Security audit | : | 1 |
| Mobile Application Security audit | : | 2 |
| Wireless security audit | : | 3 |
| ISO 27001 Compliance audit | : | 4 |
| IEC 62443 Compliance audit | : | 4 |
| Total | : | 39 |

6. Technical manpower deployed for informationsecurity audits:

| | | |
|-------------------------------------|---|----------|
| ISO 27001 Lead assessors | : | 4 |
| ISA / IEC 62443 certified assessors | : | 6 |
| CEH | : | 3 |
| OSCP | : | 2 |
| CISSP | : | 1 |
| CISA | : | 1 |
| CISM | : | 1 |
| Cyber Forensics | : | 1 |
| Cyber Law | : | 1 |
| CISA-CIP | : | 1 |
| CISA-CSCM | : | 1 |
| DCPLA | : | 2 |
| DG-Guardian (DLP) | : | 1 |

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 Siemens Ltd | 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"> › Identify & critical infrastructure protection › Assessment & evaluation › Security program development › Upgradation of security posture including Industrial Control System (ICS) upgrades and implementation of security components for the ICS › Handholding in implementation of OT security | <ul style="list-style-type: none"> › Risk assessment › Scope definition for OT security program › Solution architecture & implementation › Approximate Project Value: ₹ 50 Mil |
| 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"> › Provide transparency on current OT cybersecurity status of individual plants › Integrate Heterogenous fleet of assets with multiple protocols and designs › OT security program development › Implementation of OT network monitoring › Remediate low hanging vulnerabilities | <ul style="list-style-type: none"> › High visibility on risks and vulnerabilities. › Cost effective and optimal strategy for a global roll out to achieve a higher maturity level for Industrial Security › Approximate Project Value: |

| | | | |
|-------------------------------|--|--|--|
| | | | ₹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"> > Identify & critical infrastructure protection > Assessment & evaluation > Security program development > Implementation of continuous threat detection system for the OT environment | <ul style="list-style-type: none"> > Establish better processes to manage OT security. > OT monitoring & matured incident / anomaly handling > Approximate Project Value: ₹3 Mil |
| Petrochemical Major, Malaysia | Multiple zones, largely distributed yet connected devices | <ul style="list-style-type: none"> > Protection of the Distributed Control Systems, Engineering & Client stations against incoming cyber threats > Harmonize distributed systems > Implement centralized monitoring & end point security solution > Whitelisting & WSUS implementation > Distributed systems demanding a central administration console for managed security | <ul style="list-style-type: none"> > Broader protection against malicious attacks > Centralized security patch management > Approximate Project Value: ₹3.2 Mil |
| Chemicals Major, Global | Lack of transparency on the asset vulnerabilities at multiple manufacturing facilities across the globe | <ul style="list-style-type: none"> > Asset data evaluation and asset management | <ul style="list-style-type: none"> > Higher transparency brings actionable insights to manage OT security > Approximate Project Value: ₹4 Mil |

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 Vermogensverwaltungs 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 **2nd 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 Bunglows, 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 informationsecurity 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 (Full Time) | : | 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 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.

| | |
|---|--|
| United States 999, 18th St, #3000, Denver, Colorado 80202 | UAE 70B, Building 280, Taweeyah, 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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