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 Pvt 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
   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 AUDITime Information Systems (I) Ltd.**

   A-504, Kailash Esplanade,
   L B S Marg, Ghatkopar (West),
   Mumbai – 400086
   Ph: 022 40508210
   Fax: 022 40508230
   Contact Person :Mr. Madhav Bhadra, Director
   Mobile : +91 9320253902
   E-mail: mmb[at]auditimeindia.com

3. **M/s AKS Information Technology Services Pvt Ltd**

   E-52, Sector-3,
   Noida – 201301.
   Website URL : http://www.aksitservices.co.in
   Ph: 0120-4545911, 0120-2542253
   Fax : 0120-4243669
   Contact Person : Mr. Ashish Kumar Saxena, Managing Director
   Mobile : +91 7290058951
   E-mail : info.cert[at]aksitservices.co.in

4. **M/s Aujas Networks Pvt Ltd**

   #595, 4th floor, 15th Cross, 24th Main, 1st Phase,
   JP nagar,
   Bangalore, Karnataka- 560078.
   Website URL : http://www.aujas.com/
   Ph : 080-26087878
   Fax: 080-26087816
   Contact Person : Mr. Jaykishan Nirmal, Vice President
   Mobile : +91 9980238005
   E-mail : Jaykishan.Nirmal[at]aujas.com

5. **M/s AGC Networks**

2nd Floor, Equinox Business Park,
Tower 1, (Peninsula Techno Park),
Off Bandra Kurla Complex, LBS Marg,
Kurla (West), Mumbai – 400070, INDIA
Ph : +91 2266617490 Ext. 490
Fax: +91 22 6704 5888
Contact person : Mr. Pravin Shinde (VP-Service Delivery)
Mobile: +91 9930132092
E-mail: pravin.shinde[at]agcnetworks.com

6. **M/s ANB Solutions Pvt. Ltd**

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

7. **M/s ALLIED BOSTON CONSULTANTS INDIA PVT. LTD.**

2205, Express Trade Towers 2,
Sector 132, Noida - 201301, INDIA
Ph : +91-120-4113528 / 4113529
Contact Person : Mr. T. GANGULY
E-mail : t.ganguly[at]abcipl.co.in

8. **M/s AQM Technologies PvtLtd.**

A 401, Raheja Plaza, LBS Rd, Nityanand Nagar,
Ghatkopar West, Mumbai, Maharashtra 400086.
Phone number :022 4050 8200
Contact Person: Sanjay PARIKH
E-mail:sanjay.parikh[at]aqmtechnologies.com
Contact No : +91-8291858027
Contact Person:Madhav Bhadra
E-mail:madhav.bhadra[at]aqmtechnologies.com
Contact No : +91-9320253902

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

The Ruby, Level 9,, 29, Senapati Bapat Marg,
Dadar West, Dadar, Mumbai, Maharashtra 400028
Ph :022 3332 1600 , +91 9819024009
Fax:24393700
Contact Person : Ashish Gangrade
E-mail : ashishgangrade[at]bdo.in

10. **M/s Briskinfosec Technology and Consulting Pvt. Ltd.**

No.21,2nd Floor, Krishnamachari Rd, Tirumurthy Nagar,
Nungambakkam, Chennai, Tamil Nadu 600034
Ph: +91 860 863 4123 044 4352 4537
Contact Person: Mr.Arulselvar Thomas, Director
Email: arul[at]briskinfosec.com

11. **M/s BHARAT ELECTRONICS LIMITED**

Office of the GM/Software,
BEL Software Technology Centre
Bharat Electronics Limited
Jalahalli, Bengaluru - 560013, Karnataka
Ph :080-22197197, or 080-28383120
Fax:080-28380100
Contact Person : Mrs. Anna Peter, Sr.DGM (Software), BSTC
E-mail : annapeter[at]bel.co.in
Mobile : +91 9844296344
Ph :080-22195563

12. **M/s CMS IT Services Pvt. Ltd.**

No. 236, Venkatadri IT Park,
Konappana Agrahara, Electronic City Phase-1,
Bangalore, Karnataka – 560100
Ph : +91-80-30430300/400
Fax: +91-80-30430488
Mob: +91-7259621296
Contact Person : Ms. Amulya Shetty
E-mail : inquiry[at]cmsitservices.com

13. **M/s Cyber Q Consulting Pvt Ltd.**

622 DLF Tower A,Jasola
New Delhi-110044
Website URL: http://www.cyberqindia.com
Ph : 011-41077560
Fax : 011-41077561
Contact Person : Mr. Debopriyo Kar, Head-Information Security
Mobile: +91 9810033205 / 9968846947
E-mail : debopriyo[dot]kar[at]cyberqindia.com

14. **M/s Control Case International Pvt Ltd**

203, Town Center-1, Andheri-Kurla Road,
Saki Naka, Andheri(E)
Mumbai-400059
Ph: 91-22-66471800
Fax: 91-22-66471810
Contact Person :Mr. Satyashil Rane
Mobile : +91 919769812324
E-mail : srane[at]controlcase.com

15. **M/s Centre for Development of Advance Computing (C-DAC),**

Plot No. 6 & 7, Hardware Park,
Sy No. 1/1, Srisailam Highway,
Pahadi Shareef Via Keshavagiri (Post)
Hyderabad - 500005
Ph: 040-23737124
Fax: 040-23738131
Mobile : 9248920122
Contact Person: Shri Ch.A.S. Murthy, Principal Technical Officer
Email: cswan [at]cdac.in

16. **M/s Cyber Security Works Pvt. Ltd.**

Shri M.Ram Swaroop , President
No.3, III – Floor, E- Block,
599, Anna Salai,
Chennai – 600 006
Email:info[at]cybersecurityworks.com
Mobile:9790702222

17. **M/s Cigital Asia Pvt Ltd**

Prestige Blue Chip TechPark,
3rd block 4th floor, No.9 Hosur Road,
Bangalore – 560 029
Contact Person: Mr. Amarnadh Kolli (Director Operations).
Mobile : +91 99001 92727
E-mail : akolli[at]cigital.com
           appsecindia[at]cigital.com

18. **M/s CyberRoot Risk Advisory Pvt. Ltd.**

023, 5th Floor, Tower A, Emaar Digital Greens,
Sector 61, Gurugram - 122102, Haryana
Contact Person: Mr. Chiranshu Ahuja
Email: cert[at]crgrp.co
Phone : +91 124 4960229/30/31

19. **M/s Code Decode Labs Pvt. Ltd.**

A - 02, 'Cassiopeia Classic',
Opp. Pancard Clubs Baner,
Pune - 411045, (MAH) India.
Contact Person: Mr. Sachin Singhai,
Email: sachin[at]codedecodelabs.com
Website: www.codedecodelabs.com
Mobile: +91 9545852578 / +91 7887801188
Tel:(020) 20251477

20. M/s Crossbow Labs LLP

Head Office: #146, Level-5, Gopal Towers,
Ramaiah St, ISRO Colony, Domlur, Bengaluru,
Karnataka 560008

Registered address: 143/A/12, E-ward,
15 Shivneri Behind Mahavir Garden,
Assembly Road, Kolhapur
Maharashtra - 416001
Ph: +91-7259385006
Contact Person: Rosan Thomas, Sr. Consultant
E-mail :rosan.thomas[at]crossbowlabs.com

21. M/s CyRAAC Services Private Limited

Postal address:73/3, 2nd Floor, Brigade Corner,
S.Kariyappa Road, Yediyur, Jayanagar,
Bangalore, Karnataka, India, 560082
Ph : +919886210050
Contact Person : Murari Shanker
E-mail :ms[at]cyraacs.com

22. M/s Deccan Infotech Pvt. Ltd.

Shree Dilip H Ayyar , Director
13 J, Jakkasandra Block.
7th Cross ,
Koramangala ,
Bangalore - 560 034
Email:dilip[at]deccaninfotech.in
Mobile:096864-55399
Tel: 080 - 2553 0819
Fax:080 - 2553 0947

23. M/s Digital Age Strategies Pvt. Ltd.

Shri Dinesh S Shastri , Director
No. 28 , Om Arcade "3"rd Floor,
Thimmappa Reddy Layout,
Hilimuavu Gate,
Bannerghatta Road ,
Banglore-560076
Email: audit[at]digitalage.co.in, dinesh.shastri[at]digitalage.co.in
Mobile: 9448088666 , 9448055711

24. M/s Deloitte Touche Tohmatsu India Limited Liability Partnership*

Address: 12, Annie Besant Road,
Opposite Shiv Sagar Estate,
Worli, Mumbai - 400018
Contact Person: Srivatsan Parthasarathy
Designation: Partner (National Leader – Cyber Risk Services)
Mobile No.: +91-9871722243
Email ID: sparthasarathy[at]deloitte.com

25. M/s Ernst & Young Pvt Ltd

Tidel Park, 6th floor (601), A block, 4, Rajiv Gandhi Salai,
Taramani Chennai- 600113, Tamil Nadu
Website URL: www.ey.com/india
Ph : +91 124 6121380
Contact Person: Mr. Vidur Gupta, Director – Advisory Services
Mobile : +91-9650711300
E-mail : Vidur.Gupta[at]in.ey.com

26. M/s Esec Forte Technologies Pvt Ltd

Corporate Office (Mailing Address): Level 2, Enkay Centre, Vanijya Kunj,
Udyog Vihar, Phase - V, Gurgaon -122016 (Opp. Cyber Hub)
Tel: +91 124 4264666, +91 9871699555
Contact Person: Mr. Kunal Bajaj, Chief Business Officer
Mobile : +91- 9871699555
E-mail :   kunal[at]esecforte.com

27. M/s e.com Infotech I Ltd

Level 3 Neo Vikram, New Link Road,
Andheri West Mumbai 400058
Ph :9004031956
Contact Person : Ashwin Chaudhary CEO
E-mail : info[at]ecominfotech.biz

28. M/s Finest Minds Infotech Pvt Ltd

#90, 2nd floor, 17th cross, 14th Main,
HSR Layout, Bangalore-560102
Ph :9886546262
Fax:
Contact Person : Akshat Kumar Jain
E-mail :jainakshat[at]gmail.com

29. M/s Grant Thornton India 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 Advisory
Mobile:+91 9820208515
E-mail : Akshay.Garkel[at]IN.GT.COM

30. M/s HCL Comnet Ltd

A-104, Sector 58, Noida - 201301
Ph: 0120-4362800
Fax: 0120-2539799
Contact person : Mr. Sreekumar KU, AVP
Mobile : +91 9650263646
E-mail : sreekumarku[at]hcl.com

31. M/s Haribhakti & Company LLP, Chartered Accountants

701, Leela Business Park, Andheri Kurla Road,
Andheri (E), Maharashtra India 400059
Contact Person:Rhucha Vartak,Director, Risk and Advisory Services
Email:Rhucha.vartak[at]haribhakti.co.in
Phone: 9821472740, 022 - 66729686

32. M/s HKIT Security Solutions

#36, 1st floor, Corner Stone Building,
Jeevanahalli main road, Sanjeevappa Layout,
Bangalore-33
Ph : 9845568869 / 9980906440
Contact Person : Dr. Harsha
E-mail : Harsha[at]hkit.in

33. M/s isec Services Pvt. Ltd

607-608 Reliable Business Center, Near Heera Panna Mall,
Anand nagar, Oshiwara, Jogeshwari (West) - 400102
Contact Person: Mr. Naman Chaturvedi, Information Security Analyst
Mobile: 9167188483
Email: contactus[at]isec.co.in

34. M/s Indusface Pvt. Ltd

A-2/3, 3rd Floor, Status Plaza,
Opp. Relish Resort, Atladara Old Padra Road,
Vadodara - 390020, Gujarat, India
Contact Person: Harsh Malkan
Mobile No.: +91 265 6133000
Email ID: sales[at]indusface.com

35. M/s Imperium Solutions

B4 Laxmi Niwas, Opp Gokhale Hall (Bedekar School), BPD Road, Naupada, Thane (W)
400602, Maharashtra, India
Ph : +91-9870484240 / +91-9324210232
Fax: Not available
Contact Person : Ms Tasneam V / Mr Murtuza Laheri
E-mail : tasneam[at]imperiumsolution.com / murtuza[at]imperiumsolution.com

36. M/s IBM India Pvt. Ltd

EMBASSY LINKS, EMBASSY CYPRESS PT , IBM D Block
INDIRANAGAR-KORAMANGALA, INTERMEDIATE RING RD
BANGALORE, KA 560071, INDIA
Fax:Fax: +91-80-4068 4225
Contact Person : Aloke Kumar Dani
Ph :+91-9740688488
E-mail :aloke.dani[at]in.ibm.com
Contact Person : Mreetyunjaya Daas
Ph :+91-9902484206
E-mail :mreetyunjaya.daas[at]in.ibm.com

37. M/s Kochar Consultants Private Limited

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

38. M/s KPMG

8th floor, Tower B, DLF Cyber City,Phase-II, Gurgaon- 122002
Website URL: www.kpmg.com
Ph : 0124-3074134
Fax: 0124-2549101
Contact Person: Mr. Atul Gupta, Director
Mobile : +91 09810081050
E-mail : atulgupta[at]kpmg.com

39. M/s LTI (A Larsen & Toubro Group Company)

L&T House, Ballard Estate, Mumbai 400 001, India
Ph : 022 61687724/ 022 67767478
Fax: 022 28581130
Contact Person : Abhishek Kapoor- Head - Security Presales Lead
                Pradeep Mahangare - Project Manager
E-mail : Abhishek.Kapoor[at]lntinfotech.com
        pradeep.mahangare[at]lntinfotech.com
Mobile: +91 9819598227 , +91 9004855121

40. M/s Lucideus Tech Private Limited

NSIC Campus,
Software Technology Park Extn,
Okhla Phase III,
New Delhi - 110020
Contact person:Mr. Srivathsan Sridharan, Vice President- Sales
Mobile: 9599057764
Email: sri.s[at] lucideustech.com

41. M/s Locuz Enterprise Solutions Ltd

401, Krishe Sapphire, Main Road,
Madhapur, Hyderabad – 500081.
Phone: +91-40-45004600
Fax: +91-40-45004601.
Contact person: Mr. M Srikanth, Vice President
Mobile:- +91 9246599600
Email:-Srikanth.m[at]locuz.com

42. M/s Mahindra Special Services Group

212, 2nd Floor, Rectangle One, Commercial Complex D4,
Saket, New Delhi-110017
Ph: 022-24984213
Fax: 022-24916869
Contact person :Mr. Dinesh K Pillai, Chief Executive Officer
Mobile : +91 9769693764
E-mail : dinesh.pillai[at]mahindrassg.com

43. **Madhya Pradesh Agency for Promotion of Information Technology**

(A Regt. Society of Department of Science & Technology,
Government of Madhya Pradesh)

State IT Center, 47-A Arera Hills,
Bhopal 462021 (M.P.)
Contact person : Mr. Vinay Pandey
Mobile: +91-0755-2518710
Email: security [dot] audit [at] mapit [dot] gov [dot] in
Website: http://www.mapit.gov.in

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

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

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

4th Floor, Nila , Technopark Trivandrum 695581
Kerala India
Ph : +91-471-4016888
Fax: +91-471-4000545
Contact Person : Rajesh Babu
E-mail : rb[at]miroxindia.com

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

Lighthall 'C' Wing, Hiranandani Business Park,
Saki Vihar Road, Chandivali, Andheri (East)
Mumbai 400 072
Website URL: www.netmagicsolutions.com Ph : 022-40099099
Fax: 022-40099101
Contact Person: Mr. Yadavendra Awasthi, Chief Information Security Officer
Mobile: +91 09987172584
E-mail : yadu[at]netmagicsolutions.com

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

204-Ecospace IT park, Off old Nagardas road,
Near Andheri Sub-way, Andheri East, Mumbai- 400069
Website URL: www.niiconsulting.com/
Ph : 1800 2700 374 (Toll Free)
Fax: 022-40052628
Contact Person: Mr. K K Mookhey, Director
Mobile: 1800 2700 374 (Toll Free)
E-mail : kkmookhey[at]niiconsulting.com

48. M/s Net-Square Solutions Pvt. Ltd.

1,Sanjibaug, Nr. Parimal Crossing
Paldi, Ahmedabad-380007 , India
http://www.net-square.com
Contact Person :
        1. Ms. Prerna Nikam
        Mobile : +91 79778 90081
        E-mail : prerna[at]net-squa re.com , Info[at]net-square.com
        2. Mr. Haresh Vanju
        Mobile : +91 99309 50045
        E-mail : haresh[at]net-square.com

49. M/s Netrika Consulting Pvt Ltd.

Postal address: Plot no.-2, Industrial Estate,
Udyog Vihar, Phase – IV, Gurugram – 122015, Haryana, India.
Ph : +91 124 2883000
Contact Person : Mr. Sanjay Kaushik, Managing Director
E-mail : sanjay[at]netrika.com ; vaibhav.pulekar[at]netrika.in

50. M/s NSEIT Ltd.

NSEIT Ltd, Trade Globe, Ground Floor,
Andheri-Kurla Road, Andheri (E), Mumbai - 400 059
Ph :Tel No. : +91 22 2827 7600 / 4254 7600
Fax:+91 22 2826 8855
Contact Person : Khushboo Sharma, Project Manager – Cyber Security
E-mail : khushboos[at]nseit.com

51. M/s Paladion Networks

Shilpa Vidya 49, 1st Main, 3rd Phase, JP Nagar, Bangalore- 560078
Website URL: www.paladion.net
Ph : 080-42543444
Fax: 080- 41208929
Contact Person: Mr. Amit Tewari, Sales Manager
Mobile: +91 09910301180
E-mail : amit.tewary[at]paladion.net

52. M/s PricewaterhouseCoopers Pvt Ltd

Building 8, 7th & 8th floor, Tower- C,
DLF Cyber city, Gurgaon- 122002
Website URL: www.pwc.com/in/en
Ph : 0124-4620000
Fax: 0124-4620620
Contact Person: Mr. Rahul Aggarwal,Director
Mobile : +91 09811299662
E-mail : Rahul2.aggarwal[at]in.pwc.com

53. M/s Payatu Technologies Pvt. Ltd.

Shree Murtuja Bharmal , Director
502,Tej House,
5 MG Road,Camp,
Pune-411001
Email: murtuja[at]payatu.com
Mobile:- 9850998411

54. M/s Panacea InfoSec Pvt Ltd.

226, Pocket A2, Pocket B, Sector 17 Dwarka,
Dwarka, Delhi, 110075
Mobile Number:
      1- +91-9650028323 (Prefered) - Apurva
      2- +91-9810944187 (Alternative) - Ajay
      3- +91-7007246077 (Alternative) - Chandani
Landline Number: +91 11 49403170 (Office)
Contact Person :
      1- Apurva Krishna Malviya
      2- Ajay Kaushik
      3- Chandani Gupta
E-mail :
      1- apurva[at]panaceainfosec.com
      2- ajay[at]panaceainfosec.com
      3- cg[at]panaceainfosec.com

55. M/s Protiviti India Member Private Limited

15th Floor, Tower A, Building No 5, DLF Phase III,
DLF Cyber City, Gurgaon-122002, Haryana, India
Ph: +91 9821229027
Contact Person: Nikhil Donde (Managing Director)
E-mail: nikhil.donde[at]protivitiglobal.in

56. M/s Pyramid Cyber Security & Forensic Pvt. Ltd.

FB-05, NSIC Software Technology Park Extension,
Okhla Industrial Estate, New Delhi-110020, India
Ph : +91-11-41078091, +91-9650894671
Fax: +91-11-26322980
Contact Person: Sunil Bhalla, Manager - Operations
E-mail : sunil.bhalla[at]pyramidcyber.com, sales[at]pyramidcyber.com

57. M/s ProgIST Solutions LLP

102, B3 Wing, Rosa Gardenia,
Kasarvadavli, Ghodbunder Road, Behind HyperCity,
Thane – West, 400615
Ph :9004947776
Contact Person :Mr. Bhavin Bhansali
E-mail : certin[at]progist.in, rohan.patil[at]progist.in
Mobile : +91 9004947776

58. M/s Qadit Systems & Solutions (P) Ltd.

1st Floor, Balammal Buildings, 33 Burkit Road,
T. Nagar, Chennai 600017
Ph: 4442791150
Fax: 4442791149
Contact Person : Mr. V Vijayakumar, Director
Mobile: 9444019232
Email : vijay[at]qadit.com

59. M/s Qseap InfoTech Pvt Ltd

Office No. 101, Building No. 06, Sector No. 03,
Millennium Business Park, Kopar Kharine, Navi Mumbai, Maharashtra 400710.
Contact Person: Mr. Praveen Singh,Chief Technical Officer
Email: praveen.singh[at]qseap.com
Mobile: 91-9923804245

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

3rd Floor, A Wing, Technopolis Knowledge Park,
Mahakali Caves Road, Andheri (East), Mumbai – 400093
Tel: 91-22- 6108 5555
Fax: 91-22-61085556
Contact Person :Mr. Iqbal Zafar, Associate Director
Mobile: 9867443769
Website : www.rsmindia.in
E-mail :iaras5.mumbai[at]astuteconsulting.com , anup.nair[at]rsmindia.in

61. M/s Recon Business Advisory Pvt. Ltd.

Shree Capt. Satya Yadav , CEO & MD
F-8, 3rd Floor,
Kalkaji Main Road, New Delhi - 110019.
Contact Person: Ankush Batra (Director)
Email: cert[at]reconglobal.in / accounts[at]reconglobal.in
Mob: 9205019013
Web: www.reconglobal.in

62. M/s Robert Bosch Engineering and Business Solutions Private Limited

Electronic City Phase 1, Bangalore - 560100
Contact Person: Rency Abrahan, Sr. Program Manager- Cyber Security Center
Email - Rency.Abraham[at]in.bosch.com
Telephone - +91(80)679-91235

63. M/s Sumeru Software Solutions Pvt Ltd

1st Floor, SAMVIT",.
Near Art of Living International Center
Next to Udayapura Bus Stop,
Behind Sri Anjeneya Temple / Anganawadi School,
21st KM Kanakapura Main Raod,
Udayapura, Bangalore – 560082
Website URL: http:// www.sumerusolutions.com
Mobile:+91 9739255055
E-mail : certin[at]sumerusolutions.com

64. **M/s Sysman Computers Pvt Ltd**

312, Sundram, Rani Laxmi Chowk,
Sion Circle, Mumbai- 400022
Website URL: www.sysman.in
Ph : 022-24073814
Contact Person: Dr. Rakesh M Goyal, Managing Director
Mobile: 91-99672-48000 / 99672-47000
E-mail : rakesh[at]sysman.in सिसमैन@सिसमैन.भारत

65. **M/s SISA Information Security Pvt Ltd**

SISA House, No. 3029B, Sri Sai Darshan Marg
13th Main Road,HAL II Stage, Indiranagar,
Bangalore - 560008,India
Ph: 91-80-4910 4100
Fax: 91-80-4910 4125
Contact Person : Mr. Abhijeet Singh
Mobile : 91-99000 62038
E-mail : Sales[at]sisainfosec.com

66. **M/s STQC Directorate**

Electronics Niketan, 6 CGO Complex,
Lodhi Road, New Delhi- 110003
Website URL: www.stqc.gov.in
Ph : 011 24301361
Contact Person: Mr. Gautam Prasad, Scientist 'B',
E-mail : gprasad[at]stqc.gov.in

67. **M/s Suma Soft Pvt. Ltd.**

Shri Milind Dharmadhikari , Practice Head - IT Risk & Security Management Services
2nd Floor, SumaCenter,
Opposite Himali Society,
Erandwane,
Near Mangeshkar Hospital ,
Pune, Maharashtra 411004
Email: infosec[at]sumasoft.net
Mobile: 9870006480 , 9822600489

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

Shri Yash Kadakia , Chief Technology Officer
165 A to Z Industrial Estate,
Ganpatrao kadam marg,
Lower Parel(W), Mumbai,
Maharashtra 400013
Email: yash[at]securitybrigade.com , certin[at]securitybrigade.com
Mobile: 9833375290

69. M/s Sify Technologies Limited

II Floor, Tidel Park, No 4 Canal Bank Road,
Taramani, Chennai - 600113
Contact Person:Mr Palaniraja muthukumarasamy, Associate General Manager
Mobile: 9677083666
Email: palani.raja[at]sifycorp.com

70. M/s Sandrock eSecurities Pvt Ltd

E-46, Rani Garden Extension,
Shastri Nagar, Delhi - 110031
Contact Person: Rachna Agarwal, Head – Business Operations
Mobile: 9560211616
Email: pentest[at]sandrock.in

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

#3S, 3rd Floor, Swamy Towers,
Chinapanahalli, Marathahalli,
Outer Ring Road,
Bangalore - 560037
Ph : +91- 9449035102,080-69999107
Contact Person : Ms. Uma P,Head, Business Operations
E-mail :umap[at]secureyes.net

72. M/s SecureLayer7 Technologies Private Limited

104, Suratwala mark plazzo, Hinjewadi - wakad road,
Hinjewadi, Pune - 411057, Maharashtra, India
Ph : +91-9762001337
Contact Person : Sandeep Kamble
E-mail : sandeep[at]securelayer7.net

73. M/s Sonata Software limited

1/4, APS trust Building, NR Colony,
Bull Temple Rd, Bangalore 560019.
Ph :91-80-6778 1999
Fax:08026610972
Contact Person : Balaji Veeraragavan K
E-mail :balaji.vk[at]sonata-software.com

74. M/s Torrid Networks Pvt. Ltd.

M/s Torrid Networks Private Limited
C-171, 2nd Floor, Sector-63
Noida-201301 Uttar Pradesh
Ph: +91-120-4270305, +91-120-4216622
Fax: 012-04235064
Contact Person :Mr. Salil Kapoor
Mobile : + 91 92 666 666 91
E-mail : apac[at]torridnetworks.com

75. M/s TAC InfoSec Private Limited

E190, 4th Floor, Quark City, Industrial Area
Phase-8B, Mohali-160055
Ph :9876200821, 9988850821
Contact Person : Trishneet Arora,Founder and CEO
E-mail :ceo[at]tacsecurity.co.in

76. M/s TATA Communications Ltd

C-21 and C-36, G Block,
Bandra Kurla Complex
Mumbai 400098
Ph :91-9845289021
Contact Person : Avinash Prasad – VP Managed Security Services
E-mail :Avinash.Prasad[at]tatacommunications.com

77. M/s TÜV SÜD South Asia Private Limited

Shiv Ashish, 2nd Floor,
Andheri - Kurla Road, Behind Lathia Rubber Factory,
Saki Naka. Andheri (East),Mumbai - 400 072, Maharashtra, India.
Ph :+91 (22) 4903 5555
Fax:+91 (22) 4903 5599
Contact Person : Mr. Anand Trivedi
E-mail :Anand.Trivedi[at]tuv-sud.in

78. M/s TCG Digital Solutions Private Limited

Bengal Intelligent Parks, Omega Building, 16th Floor
Block EP & GP, Sector V, Salt Lake Electronics Complex,
Kolkata – 700 091
Contact Person: Mr. Joydeep Bhattacharya, Chief Operating Officer
Email: joydeep.bhattacharya[at]tcg-digital.com
Website: www.tcg-digital.com
Mobile: +91 9830184530

79. M/s Tech Mahindra Ltd.

Sharda Centre, Off Karve Road
Pune - 411004 (Maharashtra) India
Ph : +91 20 66018100
Contact Person : Rajiv Singh
E-mail :Rajiv[at]TechMahindra.com

80. M/s Talakunchi Networks Pvt. Ltd.

505, Topiwala Center, Off S.V. Road,
Goregaon West Mumbai 400104
Ph : +91-9920099782
Contact Person : Vishal Shah
E-mail : vishal[at]talakunchi.com

81. M/s Trusted Info Systems Private Ltd.

B-4, GF, Kailash Apartment,
(Near Kailash Colony Metro station, Opp Metro Pillar 71)
Lala Lajpat Rai Marg, New Delhi - 110048
Ph: 91-011-29248058
Contact Person : Vijender Kaushik
Mobile : +91-9810259365
E-mail : vijender.kaushik[at]trustedinfo.com

82. M/s Varutra Consulting Private Ltd.

Corporate Office :A-302 & A-303, Oxy Primo, Gate No. 599, Bakori Phata,
Pune-Nagar Highway,Opp. Jain College, Wagholi, Pune-412207, Maharashtra, India.
Ph: 2040222891
Fax: 2040222891
Contact Person : Shrushti Sarode
Email : shrushti[at]varutra.com
Mobile: 840 8891 911

83. M/s ValueMentor Consulting LLP

'Chandanam' Infopark Thrissur
Koratty,
Kerala- 680308
Ph No: 4872970700
Contact Person : Mr. Binoy Koonammavu, CEO & Principal Consultant
Email : cert[at]valuementor.com
Mobile :91 974 5767 949

84. M/s Vista Infosec Pvt. Ltd.

VISTA InfoSec, 001, North Wing, 2nd Floor, Neoshine House,
 Opp. Monginis Factory, Link Road, Andheri (West), Mumbai,
 Maharashtra, India.
Contact person :Mr. Narendra S Sahoo, Director
Mobile : +91 9820223497
E-mail : narendra.sahoo[at]vistainfosec.com

85. M/s Wipro Ltd

Wipro Infotech,
480-481, Udyog Vihar, Phase-III,
Gurgaon, Haryana
Ph No: 0124-3084000
Fax : 0124-3084269
Contact Person : Mr. Prabir Kumar Chaudhuri
Mobile : +91 9818600990
Fax: 0124-3084269
E-mail : prabir.chaudhuri [at]wipro.com

86. M/s Wings2i IT Solutions Pvt. Ltd.

Postal address: No 80, 3rd Floor, BOSS SQUARE, 1st Cross, 2nd Main, BTM 2nd Stage,
Bangalore, Karnataka, INDIA 560076
Ph : +91 80 50271700/01
Contact Person : Reena Ramachandran, Director
E-mail :info@wings2i.com

87. M/s Xiarch Solutions Pvt Ltd

352, 2nd Floor Tarun Enclave,
Pitampura, New Delhi-110034
Ph: 011-45510033
Fax:011-66173033
Contact Person:Utsav Mittal, Principal Consultant
Email: utsav[at]xiarch.com / cert[at]xiarch.com
Mobile :9810874431

88. M/s Xysec Labs Private Limited

Salarpuria Magnificia, WeWork,
78 Old Madras Road, 13th Floor KR Puram,
Bengaluru Karnataka 560016
Ph : +91-9739320700,
Landline - 080-370-125-38
Contact Person: Harshit Agarwal
E-mail: harhit[at]appknox.com

89. M/s Yoganandh & Ram LLP

G-1, SHREE VISHNU APARTMENTS,
#12, 12TH CROSS STREET,
DHANDEESWARAM NAGAR,
VELACHERY, CHENNAI – 600 042
Contact Person: T Manoj Kumar Jain,Partner; R. Chandrasekhar,Head-IS Audit
Email: manojkumarchajed[at]yandr.in
        sekhar[at]yandr.in
        isaudit[at]yandr.in
Mobile: 9940156515

90. M/s Zulon Consulting

2/203,Vahatuk Nagar, Amboli, Andheri(W) Mumbai- 400058.
Ph: 9987244769
Contact Person: Mr. Clarence Alvares, Account Manager
E-mail: sales[at]zulonconsulting.com

M/s AAA Technologies Pvt Ltd

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

    AAA Technologies Private Limited, Mumbai, Delhi, Bangalore, Lucknow

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.   :   ***160+***
    PSU   :   ***75+***
    Private   :   ***20+***
    Total Nos. of Information Security Audits done   :   ***255+***

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   :   ***25+***
    Compliance audits (ISO 27001, PCI, etc.)   :   ***25+***

6. Technical manpower deployed for information security audits :

    CISSPs   :   ***4+***
    BS7799 / ISO27001 LAs   :   ***25+***
    CISAs   :   ***12+***
    DISAs / ISAs   :   ***5+***
    Any other information security qualification   :   ***30+***
    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)	Anjay Agarwal	16	22	ISMS LA, CISA, ISA, CEH, ECSA, LPT, **COBIT Certified Assessor**
2)	Venugopal M. Dhoot	15	14	ISMS LA, ISA
3)	Ruchi Agarwal	12	12	ISMS LA
4)	Venugopal Iyengar	10	20	CISSP, ISMS LA, CISM, CISA
5)	D.K.Agarwal	13	14	CISA

6)	Vidhan Srivastav	12	12	CISSP, ISMS LA
7)	Sudhir Lad	5	15	CISA
8)	Supriya Moni	5	7	ISMS LA
9)	Rajesh Sharma	5	8	ISMS LA, CEH
10)	Ravi Naidu	6	9	ISMS LA, CEH
11)	Harpreet Singh Dhanjal	3	3	CEH
12)	Bharati Pawar	3	3	CEH
13)	Rahul Verma	3	4	ISMS LA
14)	Raja Yadav	1	3	ISMA LA, CEH
15)	Shailendra Rawat	1	3	ISMA LA, CEH
16)	Atul Raj	1	3	ISMS LA, CEH

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

   Information Security Audit including SAP Audit for a Municipal Corporation for above Rs. 1 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. Acunetix
   - ii. Core Impact
   - iii. Nessus Pro
   - iv. Nipper
   - v. Burp Suite

   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 utilitiy
   - vi. Dsniff - Passively monitor a network for interesting data (passwords, e-mail, files, etc.). facilitate the interception of network traffic normally unavailable to an attacker
   - vii. HTTrack - Website Copier
   - viii. Tools from FoundStone - Variety of free security-tools
   - ix. SQL Tools - MS SQL related tools
   - x. John - John The Ripper, Password-cracking utility
   - xi. Paros - Web proxy for web application testing
   - xii. Wikto - Web server vulnerability assessment tool
   - xiii. Back Track
   - xiv. Meta Sploit
   - xv. Ethereal - GUI for packet sniffing. Can analyse tcpdump-compatible logs
   - xvi. NetCat - Swiss Army-knife, very useful
   - xvii. Hping2 - TCP/IP packet analyzer/assembler, packet forgery, useful for ACL inspection

xviii.   Brutus – password cracking for web applications, telnet, etc.
xix.   WebSleuth - web-app auditing tool
xx.   HTTPrint – 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 and Database Audit

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

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

 *Information as provided by < **AAA Technologies Private Limited**> on <**24/11/2016**>

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

M/s AUDITime Information Systems (India) Limited

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

   AUDITime Information Systems (India) Limited
   Registered Address:
   A-504, Kailash Esplanade,
   LBS Marg, Ghatkopar (W)
   Mumbai 400 086
   Tel: 022 40508210
   Fax: 022 40508230

   Communication & Correspondence Address:
   A-101, Kailash Industrial Complex,
   Park Site, New Hiranandani Road
   Vikhroli (West), Mumbai 400079)
   Tel.: (022) 40508200
   Fax: (022) 40508230

2. Carrying out Information Security Audits since :   12 Years

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 (ISO27001, PCI, etc.)   :   Yes
   - IT Policy Drafting   :   Yes
   - IT Risk Assessment   :   Yes

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

   Govt.   :   6
   PSU   :   2
   Private   :   33
   Total Nos. of Information Security Audits done :   41

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

Network Security Audit	6
Web-Application Security Audit	3
Compliance Audits - ISO 27001	1
Compliance Audits - SOX IT General Control Testing	1
Regulatory Compliance Audits - Exchange Members Annual Compliance System Audit, etc.	22
Regulatory Compliance Audits - CVC Guidelines Compliance Audit	1
Application Audit	2
Billing Audit	1
IT Consultancy Projects - Consultancy for CBS, Data Migration and Load Testing	1

Pre & Post Migration Audit of Core Banking Solution	1
Payment Gateway Audit	1
Third Party Security Audit	1
Wireless Security Audit	Nil
Total	41

6. Technical manpower deployed for information security audits : Refer **Annexure I**

    Total Nos. of Technical Personnel: 18 Nos.

7. Details of technical manpower deployed for information security audits in Government and Critical sector organizations Refer **Annexure II**

8. Specify Largest Project handled in terms of scope (in terms of volume, complexity, locations etc.) Along with project value. Refer Annexure_III & Purchase order copies attached.

S. No.	Client Name	Scope Title	PO Value
1	Federal Bank	IS Audit of Branches	Rs.33,25,000/
2	Infocepts Technologies Pvt. Ltd.	• ISO 27001 & SAS 70 controls Preparation • Training one batch of ISMS Internal Audit	Rs.6,00,000/
3	Hindustan Petroleum Corporation Limited. (IBM)	• ISO 27001 Implementation • Quarterly vulnerability Assessment & Penetration Testing • Security Operation Centre Management • ISMS and Information Security Awareness Training	Rs.64,00,000/-
4	Bayer Business Services	IBM Rational Appscan & Consultancy Services of Intranet Web Application Vulnerability Assessment	Rs.17,38,810/-
5	Vijaya Bank	IS Audit of Core Banking Solution	Rs.7,90,000/-
6	Andhra Bank	IS Audit of Critical Areas in CBS	Rs.3,00,000/-
7	Andhra Bank	IS Audit of Smart Card Project for Government Benefit Distribution	Rs.4,50,000/-
8	The Oriental Insurance Co. Ltd.	Comprehensive Audit of CBS Application and Data Migration Audit	Rs.99,27,000/-

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

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

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

    Information as provided by **AUDITime Information Systems India Limited** on 22nd May 2013

S. No.	Employee Name	Designation	Certification
1.	Mr. Paresh Desai	Managing Director	CA, CISA, CISM, CGEIT
2.	Mr. Madhav Bhadra	Director	CA, CISA, CISM
3.	Mr. Chetan Maheshwari	Director	CA, CISA, CISM, CRISC
4.	Mr. Deepesh Chitroda	Asst. Vice President	CEH, CHFI, ECSA, CCISO, CCSECA, IBM
5.	Ms. Dhruti Patel	Asst. Vice President	CISA
6.	Mr. Narendra Singh Badwal	Asst. Vice President	CISA, LA27001
7.	Mr. Ritesh Kotecha	Asst. Vice President	CA, CISA
8.	Mr. Deval Kapadia	Asst. Vice President	CISA
9.	Ms. Jayabharthi M.	Sr. Manager	CISA, CISM, CISSP, LA27001,CEH
10.	Mr. Hiren Shah	Sr. Manager	LA27001
11.	Mr. Shomiron Dasgupta	Sr. Manager	CISA, CISSP, LA27001, CEH
12.	Mr. Balamurugan	Sr. Manager	CISA, CISM, CISSP, LA27001, CEH
13.	Mr. Deepak Yadav	Manager	CISA,CS-MARS,CSM, CEISB, CCSA, CCNA
14.	Ms. Swati Dhamale	Audit Executive	GNIT
15.	Mr. Adish Karkare	Audit Executive	CISA, LA27001, CEH, SWAT, RHCE, JNCIA-SEC, CCSA
16.	Mr. Nikhil Parashar	Audit Executive	CEH
17.	Mr. Satyasandeep	Audit Executive	JNCIA-SEC, CCNA, MCSA
18.	Mr. Laxmi Narayan	Audit Executive	CEH,CCNA

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

S. No	Name of Employee	Duration with *<organization>*	Experience in Information Security	Qualifications related to Information security
1	Deepesh Chitroda	+7.5 Years	Yes. + 13 years	• Certified Ethical Hacker (CEH) • Computer Hacking Forensic Investigator (CHFI) • Eccouncil Certified Security Analyst (ECSA) • Certified Chief Information Security Officer (CCISO) • Cambridge Certified Security Associate (CCSECA) • IBM Technical Professional • Jetking Certified Hardware & Networking Professional
2	Jaya Bharathi M.	+5 years	Yes. + 24 years	• MCA • Post Graduate Diploma in Computer Applications (PGDCA) • ISO 27001 implementer and lead auditor • CEH • CISA • CISM • CISSP
3	Hiren L Shah	+6 years	Yes. + 9 years	• ISO27001 Implementer
4	Deepak Yadav	+2.5 years	Yes.	• MCA • CISA • ITIL V3 Foundation Certification • CCSA • CCNA • CEISB • CSM • CS-MARS
5	N Lakshmi Narayana	+1.5 years	Yes.	• CCNA • CEH • Post Graduate Diploma in • Networking & Telecommunications • Bachelor of Technology in • Electronics & Communications
6	Swati Prakash Dhamale	+1.5 years	Yes. +3.5 years	• GNIIT
7	S. Satyasandeep	+1.5 years	Yes.	• B.Tech • CCNA • JNCIA • MCSA
8	Adish Karkera	+1 years	Yes. +7 years	• B.E., • CISA • LA 27001 Implementer • Certified Ethical Hacker • Star Web Application Security • Red Had Certified Engineer • Juniper Networks Certified Internet Specialist • Check Point Certified Security Administrator
9	Nikhil Parasher	+0.5 years	Yes. +2.5 years	• B. Tech - IT

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

Sr. No.	Client Name	Project Title	Particulars of Projects
1.	Federal Bank	Branch IS Audit	IS Audit of Branches • Finacle and related applications such as ATM and other payment systems, interfaces to CBS etc. • Internet Banking • Mobile / Tele Banking • HR software (peoplesoft) • Email • Treasury - LaserTX • We covered all the key applications under IS Audit • Finacle and related applications such as ATM and other payment systems, interfaces to CBS etc. • Internet Banking • Mobile / Tele Banking • HR software (peoplesoft) • Email • Treasury - LaserTX Scope includes 1. IS Audit of Application Controls - Evaluating the adequacy and effectiveness of controls in a particular application 2. IT Environment Review - Evaluation of controls addressing the general risks associated with the operation of information technology viz. change control, disaster recovery, physical upkeep of the surroundings such as cleanliness, physical access to the computers, fire-fighting readiness, etc.; 3. IT Technical Review - Evaluation of the network architecture and the vulnerability of the IS environment to the risks such as unethical hacking, etc. a) Information System Security Policy (ISSP) b) Implementation of ISSP c) Physical Access Controls d) Operating System Controls e) Database controls f) Network Management g) IS Audit Guidelines

Sr. No.	Client Name	Project Title	Particulars of Projects
2.	Infocepts Technologies Pvt. Ltd.	• ISO 27001 & SAS 70 controls Preparation • Training one batch of ISMS Internal Audit	I. PREPARATION FOR ISO 27001 ISMS 1. Ascertaining structure of organization and scope of Information Security (IS) requirement 2. Establishing the extent of compliance with the mandatory requirements of ISO/IEC 27001 3. Using 133 controls listed in ISO/IEC 27002 (the Code of Practice) as a framework, Identifying preliminary GAPs in Information Security controls in place within the organization 4. ISMS Over Training and IS Security Awareness Training 5. Assessing Policy / Procedures / Technical IS improvements that would be necessary to achieve compliance with the ISO/IEC 27001 standard 6. Report on findings of GAP Analysis and make recommendations for remedial action / strategy to achieve compliance requirements of ISO/IEC 27001 7. Assistance in Stage I & II Audit II. SECURITY AWARENESS TRAINING FOR 300 EMPLOYEES 1. **Information Security and its Concepts** 2. **Company's IT Security Policies** 3. **Countermeasures against IT Risks and Threats** III. PERIODIC AUDIT – 6 AUDITS Covering Core Three IT Domains: • IT Management Controls • Certification, Accreditation and Security Assessment • Planning • Risk Assessment • System and Services Acquisition • IT Operations Controls • Awareness and Training • Configuration Management • Contingency Planning • Incident Response • Maintenance • Media Protection • Physical and Environmental Protection • Personnel Security • System and Information Integrity

Sr. No.	Client Name	Project Title	Particulars of Projects
			• IT Technical Controls • Access Controls • Audit and Accountability • Identification and Authentication • System and Communications Protection IV. SAS 70 TYPE II AUDIT PREPARATION Analysis of existing control structure Gap identification. Documentation and training on SAS 70 controls Internal audit of SAS 70 requirements Support during SAS 70 Type 2 Audit

3.	Hindustan Petroleum Corporation Limited	• ISO 27001 Implementation
		• Quarterly vulnerability Assessment & Penetration Testing
		• Security Operation Centre Management
		• ISMS and Information Security Awareness Training
			Security assessment of HPCL's web site jobs.hpcl.co.in as per the following vulnerabilities indicated by open web application security project (OWASP).
			  a. Cross site scripting (XSS).
			  b. Broken authentication and session management.
			  c. Insecure direct object references.
			  d. Cross site request forgery.
			  e. Security misconfiguration.
			  f. Failure to restrict URL access
			  g. Invalidated redirects and forwards.
			  h. Injection flaws.
			  i. Insufficient transport layer protection.
			
			2. Gap analysis report of the application as compared to the Application Security best practices suggested by OWASP.
			3. Provide specific remediation / mitigation recommendations to the gaps identified. The recommendations would suggest implementable solutions, which would mitigate the application security risk. Remediation Recommendations will be implemented by HPCL.
			4. After implementing mitigation recommendation by HPCL, Vendor will again do the security assessment and provide the required compliance certificate to HPCL.
			5. During the remediation phase Vendor will provide support for implementing remediation measures suggested
			6.Information related to HPCL website will be provided by HPCL

4.	Bayer Business Services	IBM Rational	To provide Internal Vulnerability Assessment Service for Internal / Intranet Web Based Applications

5.	Vijaya Bank	IS Audit of Core Banking Solution	1. Introduction
			1.1. Core Banking Application Suite
			
			As on 31-12-2011 there are 1417 service outlets including branches, extension counters and offices on the Core Banking Platform using the 'Finacle' solution of M/s. Infosys Technologies Limited (and 669 networked ATM's). The following application packages have been covered under the Core Banking Solutions Project.
			  i. Core Banking Solution
			  ii. Trade Finance solution
			  iii. Internet Banking solution
			  iv. Government Business Module
			  v. New products and services such as

Sr. No.	Client Name	Project Title	Particulars of Projects

			Electronic Bill Payments, Pilgrimage services, Electronic Ticketing, Collection / Payment services, Utility Bill Payment etc as part of the Internet Banking Services.
			vi. Availability of interfaces of the following modules with the Core Banking Solutions:-
			    a. Anti-money laundering solution
			    b. Credit appraisal solution –RLOS & CLAPS
			    c. Customer Relationship Management Solution
			    d. Internally developed and outsourced /procured third party systems
			    e. ATM Interfaces
			    f. Mobile Banking – SMS / WAP
			    g. Tele Banking Solution
			
			1.2. Products and Services
			
			The Bank has a rich portfolio of Deposits, Loans, Remittances, Bills, Foreign Exchange Business and other fee based products. An illustrative list is given below.
			i. Demand deposits (Domestic as well as foreign currency)
			• Current Deposits
			• Savings Bank Deposits
			• Flexi deposits
			• Capital Gains Deposits
			• NRO/NRE Deposits
			
			ii. Time deposits
			• Fixed deposits
			• Simple interest
			• Cumulative interest
			• Units Based Deposits
			• FCNR/NRE/NRO
			• Capital Gains
			• Recurring deposits (Domestic)
			• Fixed installment
			• Variable installment
			• Daily Deposits
			
			iii. Working Capital Finance
			• Cash credit accounts against stocks and book debts (CCH)
			• Cash credit against Immovable Properties and Govt. Securities (CCM)
			• Packing Credit/Export Finance
			• Post Shipment Credit
			• iv. Term Lending (Domestic as well as foreign currency)
			
			• Short term
			• Medium Term
			• Long Term
			• Consortium/Syndicated Loans
			v. Trade Finance – non-fund based
			• Letter of credit
			• Bank Guarantee
			• Deferred Payment

Sr. No.	Client Name	Project Title	Particulars of Projects

			vi. Bills Business
			  • Collection of bills and cheques - Inward and outward
			  • Purchase/Discounting of sales/drawee bills (clean and documentary) / Cheques
			  • Bills Related Advances
			  • Retail Loans
			
			  • Vehicle loans – Simple Interest, Compound Interest & EMI Based facilities.
			  • Housing loans – Simple Interest, Compound Interest, & EMI Based facilities.
			  • Consumer loans - EMI Based facilities.
			  • Education loans–Simple Interest, Compound Interest & EMI Based facilities.
			  • Personal loans - EMI Based facilities.
			  • Schematic Lending Activities
			  • Product based loans like V-Equip, V-Cash, V-Rent – EMI Based etc.
			  • Commercial Loans to Trade/Industry/Service/Profession
			
			viii. Industrial/Corporate Loans
			ix Remittances
			  • Demand Draft – Issue/payment
			  • Banker's Cheque/Pay Orders – Issue/Payment
			  • Fund Transfer – NEFT/RTGS
			  • Inter-branch Transactions – originating/responding
			
			x. Government Business
			  • Pension payments (State / Central / Railways)
			  • Direct Tax collection
			  • RBI Relief Bonds
			  • Indirect Tax - Excise
			
			xii. Miscellaneous Services
			  • Locker Services
			  • Merchant Banking Services
			  • Dividend/Interest/Refund Warrants
			  • Agency Arrangement with other Banks
			
			1.3. Modules in core banking
			  • Savings Products
			  • Current Products
			  • Overdraft Products
			  • Cash Credit Products
			  • Term Deposits Products
			  • Term Loans Products
			  • Inland Bills Products
			  • Foreign Bills Products
			  • Trade Finance Activities
			  • Forward Contracts
			  • Remittance Products
			  • Packing Credit Products
			  • Service Branch Functions
			  • Government Business Products
			  • Various Office Accounts Functions
			2. AUDIT OBJECTIVE
			2.1. The Bank is presently using the 'Finacle' (Version 7.0.13) Core Banking Solution of M/s. Infosys

Sr. No.	Client Name	Project Title	Particulars of Projects
			Technologies which was earlier audited by one of the IS Auditors, during the year 2007-2008. The Bank proposes to migrate to Version 7.0.25 of Finacle Core banking Solution. The Bank wishes to appoint a competent Service Provider (SP) for conducting Information Systems (IS) Audit of the Core Banking application, as per the scope defined elsewhere, before moving this version to the production systems. IS audit shall, inter-alia, include the following activities:- a) Confidentiality, integrity and availability of the applications b) Perform required functionality test of the application to test the end-to-end functionality and its usage c) The security / controls are efficient and effective in the Core Banking application. d) To get independent assurance over effectiveness of controls exercised by out-sourced Service providers for technology services e) IT operations are carried out in a controlled environment 3. SCOPE OF IS AUDIT PROJECT: The Bank expressly stipulates that the SP's selection under this RFP is on the understanding that this RFP contains only the principal provisions for the entire assignment and that delivery of the deliverables and the services in connection therewith are only a part of the assignment. The SP shall be required to undertake to perform all such tasks, render requisite services and make available such resources as may be required for the successful completion of the entire assignment as per the fulfillments / deliverables required in the RFP. The SP's involvement is expected to be spread across a period of, at least, 60 days from the date of commencing the audit. **3.1.** Service Provider has to cover the following aspects while auditing the CBS application:- A. Functionality perspective: o Service provider shall take into account Final Audit Report of the earlier auditor for current version, who have conducted earlier IS audit, as one of the inputs. o Study the implemented functionality of the Core Banking Application as per the scope of this audit tender. o Perform Application Functionality & Controls Review o Development of suitable testing methodology / testing strategy document o Conduct various tests to verify existence and effectiveness of the controls for all functionalities, schemes and products supported by the applications under review o Perform a test of controls and functionality setup in the Finacle core banking application. o Identify ineffectiveness of the intended controls in the software and analyze the cause for its ineffectiveness

Sr. No.	Client Name	Project Title	Particulars of Projects
			o Controls over automated processing /updations of records, review or check of critical calculations such as interest rates, etc., review of the functioning of automated scheduled tasks, output reports design, reports distribution, etc. o Audit-ability both at client side and server side including sufficiency and accuracy of event logging, SQL prompt command usage, Database level logging etc. o Extent of parameterization. o Internal control built in at application software level, database level, server and client side o Backup/Fallback/Restoration procedures and contingency planning. o Suggestion on segregation of roles and responsibilities with respect to application software to improve internal controls. o Adequacy, Accuracy, Data Integrity of the MIS Reports and Audit Reports o Manageability with respect to ease of configuration, transaction roll backs, time taken for end of day, day begin operations and recovery procedures o Special focused audit is to be made on following items:- o Hard coded & Virtual user-id and password o Interfaces with CBS software of many other applications / services both in house and third party systems / solutions – security, confidentiality, integrity , accuracy and non-repudiation of the data between systems o Recovery and restart procedures o Review of customizations done to the software and the SDLC policy followed for such customizations. o Proposed change management procedure during conversion, migration of data, version control, application replication, etc. o Suggest any application specific Audit tools or programs o Adequacy of Audit trails and Logs o Adherence to Legal and Statutory Requirements. B. Controls perspective As part of the scope, following controls have to be thoroughly analyzed a. Input Controls b. Output Controls c. Processing Controls d. Interface controls e. Authorization controls f. Data integrity g. Database controls h. Volume Test i. Server Controls – Application, Web, Database, Firewall, etc. j. Backup/ Fall Back/Restoration Procedures

Sr. No.	Client Name	Project Title	Particulars of Projects
			k. Authentication mechanism
			l. Security checks/controls
			m. Access controls & Logical Access Controls
			n. Operating system controls
			o. Management controls
			p. Change Management
			i. Incident Management
			ii. Logs management
			q. Aspects related to Segregation of Duties
			r. Adequacy of audit trails
			s. Adherence to legal, statutory requirements
			1.20 Performance controls
			1.21 Controls on Parameter Setup /Verification/Testing, etc.,
			1.22 Regression Testing
			1.23 Prevalence of proper version controls
			C. Security Controls perspective:-
			Application Security Controls Review inter-alia, cover following:-
			a) Review the application security setup supported by the Finacle core banking solution to ensure :
			b) Access level controls are appropriately built into the application
			i. Only authorized users should be able to edit, input or update data in the application.
			i. Access on a 'need-to-know' and 'need to-do basis'
			i. Appropriate user maintenance and password policies being followed
			b. Benchmark the application security parameters and setup to the Bank's Security Policy and leading practices
			c. Identify gaps in the application security parameter setup in line with the bank's security policies and leading practices
			d. Provide a report highlighting gaps in application security controls with options for improving application security.
			e. Provide a report highlighting the gaps in the application security setting with respect to the security policy defined by the Bank
			3.2. Review:
			After first audit there may be some modifications required as per suggestions. Once these are implemented over a period of two months, auditor has to review the system again and give review audit report.
			3.3. General:
			No module or segment should be left out on the plea that it is not specifically mentioned under the scope.
			However, the Bank reserves its right to change the scope of the RFP considering the size and variety of the requirements and the changing business conditions
			4. Deliverables:
			• Audit Plan and procedure for each of the CBS application packages as per the scope.
			• Interim report covering all the points as mentioned under the Scope of Work including specific observations on the previous IS Audit Report. All observations will be thoroughly discussed with the process owners before the finalization of the report
			• Final Audit reports with sign off by the Bank and the Service Provider IS Auditor. (To be submitted within 6 working days of completion of audit and the report should be submitted in soft copy as word document and pdf format document besides a signed hardcopy). This should also include report on the regression test. The Final report shall , inter-alia, contain:-

Sr. No.	Client Name	Project Title	Particulars of Projects
			o Present status of the pending observations of the previous audit. o List of bugs found and key functionalities not supported, as per the current audit assignment, segregating them as 'Critical', 'Medium' and 'Minor'. o List of enhancements required & feasibility analysis of these requirements in the CBS. o Suggestions for improvement in the performance of the software audited. o Report highlighting gaps in input, processing and output controls with recommendations to remedy the gaps. o Screen Dumps of testing and testing reports o Security Process Audit Report and recommendations against best practices • Report on Risk Analysis and Risk Mitigation Methodologies • Review Audit Report – covering the latest status at the time of review, of all the observations made in the Final Audit Report.
6.	Andhra Bank	IS Audit of Critical Areas in CBS	Sl. No Audit Points 1 Proper maintenance of Visitor Register at the DIT Main Entrance 2 The Data Center is installed with Surveillance System to monitor the movement of the Personnel and activities in and out of the data center. The continuity of the recording is ensured at periodic intervals. 3 Maintenance of Access Permissions and Register for entry into Data Center. 4 Access to Internet, Limited access vs Unlimited access etc., 5 Whether users with administrative privileges are forced to change password at periodical interval . 6 Whether user management standard operating procedure are in place and the same are being followed 7 Maintenance of Users List (Active Directotry), disabling redundant users, periodical review of Users etc., 8 Periodical review of activities of privileged users. 9 Adequacy of procedures followed at the time of providing access to Data Center and other sensitive areas. 10 IT Asset Management - Maintenance and Review of IT Assets database. 11 Maintenance of documents and records with respect to Hardware. 12 Comprehensive Insurance covering for critical IT Assets 13 UPS for backup supply of electricity including batteries. 14 Whether Air-conditioning, ventilation and humidity control was found adequate and the same is monitored and reviewed on a regular intervals. 15 Installation of Smoke Detector / Heat rise / hot spots detectors. 16 Whether the installation of Hub / Switches in the Data Center are

Sr. No.	Client Name	Project Title	Particulars of Projects
			adequately secured
			17 Maintenance of Backup Media, Safe Keeping, Proper Indexing and Storage,
			18 Logs and Audit Trails in Finacle
			19 Whether VAPT is conducted periodically on various surrounding applications
			20 Service Level defined for Helpdesk Management as well as for Call Center Management was reviewed and where details pertaining to average time of resolution, abandon calls, first call resolution, cycle time rate, etc. was recorded.
			21 Carrying electronic devices in to the Data Centre.
			22 Whether patches issued by OEM are analysed and same is applied after satisfactory test are conducted before entering into production.
			23 Assets Management, Configuration Management, Problem Management and Change Management using HP OVSC
			24 Whether DR drills are conducted periodically
			25 Whether the change management processes are in place and the same are being followed
			26 Whether proper approvals are in place for emergency / show-stopper changes
			27 System event logs of the application server logs monitoring using log logic;
			28 Use of IBM ISS Internet Scanner for the vulnerabilities
			29 Vulnerability scanning
			30 Working of CSA (HIDS) in the servers
			31 Maintenance and periodical updation of network design, security controls etc.,
			32 Application of patches in accordance with the defined change management process
			33 Verification of loading of latest Service Packs on Critical Servers.
			34 Existence of default OS Accounts
			35 Whether audit trail policy is enabled with Success and Failure for Account Logon Event, Directory Services Access and System Events., Account Management, Object Access and Policy Change.
			36 Whether the shared folders are permitted with Everyone - Full Control,Access to the shared folders should be granted only to the authorized users and necessary procedures for sharing of folders on the network are properly documented.
			37 Whether USB Drive, Floppy Drive and CD-ROM are disabled on Admin Nodes.
			38 Loading of unauthorised applications on the systems.

Sr. No.	Client Name	Project Title	Particulars of Projects
			39 Loading of Antivirus Software, periodical updating of versions, sample checking etc.,
			40 Enabling IPSec is which is used for data transmission through remotely.
			41 Whether the Backupof router as wellas firewall (Core Switch) configuration is taken on a weekly basisand the same in not stored at offsite location,
			42 Whether all Access Control Entries (ACEs) should be configured to log..
			43 Periodical review of Access Lists configured in the Firewall
			44 Internet Banking - Segregation of duty between Information Security (IS) team and Implementation team
			45 Appointment of network and database administrator and clear allocation of roles and responsibilities.
			46 Web application errors justification for any critical information being exposed to external world.
			Interest and Charges Verification
			47 Verification of charges on a random sample basis
			Charges on cheque book issue
			Cheque return charges
			Account closure with in 12 months
			Account closure after 12 months
			Stop Payment charges
			Inward / outward clearing reject charges
			Charges for violating Minimum Balances for Metro and Rural Branches
			Cash Remittance Charges
			DD cancellation charges
			Duplicate statement charges
			ABB Charges
			Cash handling charges
			Speed clearing Charges
			48 Term Deposits - verification on a random sample basis
			Interest Application
			Charges Application
			49 Advances - verification on random sample basis
			Monthy and Quarterly interest calculation on advances
			Appraising Charges for gold loans
			Processing charges for housing loans, mortgage loans, kisan sampatti loans etc.
			Upfront fee for Term Loans
			Upfront fee for Agriculture Term Loan
			Administrative charges for consumer loans
			50 Trade Finance - verification on random sample basis
			Interest on Inaland bills for various tenors
			Export bills against undrawn balance

Sr. No.	Client Name	Project Title	Particulars of Projects
			Interest on overdue bills etc
			Collection charges for Local cheque collection, Out station cheques collection
			Collection of bills with or without LC for sight and Usance
			Commitment charges for Inland LC
			Amendment charges for LC amount wise, period wise
7.	Andhra Bank	IS Audit of Smart Card Project for Government Benefit Distribution	SCOPE Security & Control Audit of: 1) Equipments used of capturing of Bio-metric details, capturing of Personal data of customer and also the process of linking them, 2) Equipments capable of reading & writing the data to smart cards duly capturing the data on Samrat card & validating with the central server data. 3) Mobile equipments for capturing the finger prints of customers, data from smart cards, encapsulating them, communicating with the central data (or) validating with off-line data on smartcard, authenticating & recording the transaction etc. 4) Mobile communication with data encryption/ decryptions as per standards etc. 5) Servers, access control, software's controls security t\etc. at the Data Centre of the service provides. 6) Network, Network equipments, interface between the mobile equipments and servers at the data centre of the service provide. 7) Accounting, reconciliation, data verifications & integrity checks. 8) Communication with the Bank' DC and interface etc., at the Bank DC. Operational control Audit like. 1. Software controls & Interfaces Controls. 2. Reconciliation Process. 3. Data Synchronization, Integrity Check etc at DC of the Bank/Service Provider
8.	The Oriental Insurance Co. Ltd.	Comprehensive Audit of CBS Application and Data Migration Audit	Functional Test Audit A comprehensive functional test of applications to ensure that all the functionality implemented are functioning accurately as per the current business requirements of OICL. Interact and collect all necessary inputs, clarification and confirmations regarding business requirements/processes from respective user departments of OICL. The bidder is expected to perform the following minimum set of activities related to testing for all the modules, applications, delivery channels, products, processes: • Development of suitable testing methodology with supporting processes and templates and develop test data. • Develop testing strategy document • Development of test calendars • Development of business test case scenarios with related test cases, and test data to execute • Conduct individual application testing for the core

Sr. No.	Client Name	Project Title	Particulars of Projects
			insurance solution, modules, products, processes, interfaces • Daily, weekly status reporting. • Train the OICL's team in test script development and testing methodology. • Correctness of data being presented in the reports • Point out gaps, errors, bugs. • Explain the bugs, errors and gaps to OICL and System Integrator. • Provide Application Audit reports • Submit all documents on methodology, strategy, test cases, test documentation, customization requests, solution etc. to OICL. • Testing will have to be in conformity of Requirements of OICL, OICL's existing product and processes Application Security and Governance The Bidder is required validate whether the application is functioning as per standard security and governance procedures with following minimum activities : • Authorization, authentication and access control review • Review of privileges assigned to users/ user groups/ DBAs • Control procedures on various database operations • Vulnerability and Penetration Testing • Application controls review – covering various inputs, processing and output controls Available across INLIAS application • Controls for application usage – covering segregation of responsibility • Controls for master data updation • Availability of appropriate audit logs • Batch processing procedures and controls • Availability of required reports • Availability of alerts etc. for relevant business cases such as high value underwriting Compliance Test One round of defect correction testing after the corrections or implementation of recommendations is done by the system integrator (3i-Infotech). The compliance test will be executed either on implementation of corrections by system integrator or after 90 days of submission of final report whichever is earlier. Automated Tool to be used The auditor will use Quick Test Pro (QTP) for the purpose of auditing the application Data Migration Audit *Scope of work* The scope for data migration validation would cover the following: To tabulate from INLIAS the number and amount of claims migrated to INLIAS (line of business wise) for each office. This would include the number and Outstanding amount for each class of business, office-wise, available in INLIAS. This figure (number and amount)

Sr. No.	Client Name	Project Title	Particulars of Projects
			would be required for each deptt. as under: a. Fire b. Engineering c. Marine Cargo d. Marine Hull e. Motor f. RID g. Aviation h. Workmen Compensation i. Miscellaneous To confirm from INLIAS the total number and amount of unexpired policies migrated to INLIAS (line of business wise) for each office. This would be for each class of business, Office-wise, available in INLIAS. This figure (number and amount) would be required for each deptt. as under: a. Fire b. Engineering c. Marine Cargo d. Marine Hull e. Motor f. RID g. Aviation h. Workmen Compensation i. Miscellaneous To confirm from INLIAS that relevant Masters had been migrated to INLIAS like : a. Agent Master b. Development Officer Master c. Employee Master d. Office Master, etc.

Details of the Audit Tools
Freeware

S. No.	Tool Name	Description
1.	Achilles	A tool designed for testing the security of Web Applications.
2.	Brutus	A Windows GUI brute-force tool for FTP, Telnet, POP3, SMB, HTTP, etc.
3.	CrypTool	A Cyptanlaysis Utility
4.	cURL	Curl is a tool for transferring files with URL syntax, supporting FTP, FTPS, HTTP, HTTPS, GOPHER, TELNET, DICT, FILE and LDAP
5.	Exploits	Publicly available and home made exploit code for the different vulnerabilities around
6.	Fscan	A command-line port scanner, supporting TCP and UDP
7.	Elza	A family of tools for arbitrary HTTP communication with picky web sites for the purpose of penetration testing and information gathering
8.	Fragrouter	Utility that allows to fragment packets in funny ways
9.	HPing	A command-line oriented TCP/IP packet assembler/analyzer. It supports TCP, UDP, ICMP and RAW-IP protocols, has a traceroute mode, the ability to send files between a covered channel, and many other features.
10.	ISNprober	Check an IP address for load-balancing.
11.	ICMPush	A tool that sends ICMP packets fully customized from command line
12.	John The Ripper	A password cracker
13.	L0phtcrack	NTLM/Lanman password auditing and recovery application
14.	Tenable Nessus	A free, powerful, up-to-date and easy to use remote security scanner. This tool could be used when scanning a large range of IP addresses, or to verify the results of manual work.
15.	Netcat	The swiss army knife of network tools. A simple utility which reads and writes data across network connections, using TCP or UDP protocol
16.	NMAP	The best known port scanner around
17.	p0f	Passive OS Fingerprinting: A tool that listens on the network and tries to identify the OS versions from the information in the packets.
18.	Pwdump	Tools that grab the hashes out of the SAM database, to use with a brute-forcer like L0phtcrack or John
19.	SamSpade and Dnsstuff	Graphical tool that allows to perform different network queries: ping, nslookup, whois, IP block whois, dig, traceroute, finger, SMTP VRFY, web browser keep-alive, DNS zone transfer, SMTP relay check,etc.

S. No.	Tool Name	Description
20.	ScanDNS	Script that scans a range of IP addresses to find DNS names
21.	Sing	Send ICMP Nasty Garbage. A little tool that sends ICMP packets fully customized from command line
22.	SSLProxy, STunnel	Tools that allow to run non SSL-aware tools/programs over SSL
23.	Strobe	A command-line port scanner that also performs banner grabbing
24.	Telesweep Secure	A commercial wardialer that also does fingerprinting and brute-forcing
25.	THC	A freeware wardialer
26.	TCPdump	A packet sniffer
27.	TCPtraceroute	Traceroute over TCP
28.	UCD-Snmp - (aka NET-Snmp)	Various tools relating to the Simple Network Management Protocol including snmpget, snmpwalk and snmpset.
29.	Webinspect	CGI scanning, web crawling, etc
30.	Webreaper, wget	Software that mirrors websites to your hard disk
31.	Whisker	The most famous CGI scanner. has updated the scanning databases with checks for the latest vulnerabilities
32.	Acuentix Free Web Vulnerability Scanner	Web Vulnerability Scanner and Exploit Tool
33.	Auditor, Pentoo, BackTrack and Phalak	Penetration Live Distort
34.	NetTools V 5.0	Various bundle pack Network Hacking, Penetration, Tracing and information gathering Tool
35.	Rainbow Password Cracker	Tool containing pre-hashed computed password list.
36.	Cain & Able	Freeware, Multi-purpose hacking tool

**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., E-52, Sector-3, Noida-201301 (UP)

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, ISO 22301 etc.) (Y/N)   :   **YES**
   - Telecom Security Audit (Y/N)   :   **YES**
   - Industrial Control System Audit (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
     (IT Act, CVC, RBI, SBI etc.) (Y/N)   :   **YES**

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

   Govt.   :   ***794***
   PSU   :   ***60***
   Private   :   **18*0***
   Total Nos. of Information Security Audits done   :   **1034**

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

   Network security audit   :   **85**
   Web-application security audit   :   **845**
   Wireless security audit   :   **20**
   Compliance audits (ISO 27001, PCI, etc.)   :   **06**
   ERP Audit   :   **05**
   Telecom Security Audit   :   **03**
   External Penetration Testing   :   **35**
   Industrial Control System Audit   :   **10**
   Compliance audit with Government Guidelines (IT Act, CVC, RBI, SBI etc.) :   **25**

6. Technical manpower deployed for information security audits :

   CISSPs   :   ***02***
   BS7799 / ISO27001 LAs   :   **06**
   CISAs   :   ***02***
   DISAs / ISAs   :   ***00***
   CEH/OSCP/CCNA/CASP/MBCI   :   ***28***
   Total Nos. of Technical Personnel   :   **40**

M/s AKS Information Technology Services Pvt Ltd

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 Since	Experience in Information Security (Years)	Qualifications related to Information security
1.	Ashish Kumar Saxena	Sep 2006	17	CISSP, CISA, MBCI, ISO 27001 LA
2.	Anil Malik	Feb 2016	16	BS 7799 LA, ISO 27001 (Implementer – Trained)
3.	Anshul Saxena	Nov 2014	4	MS (Information Security), CASP
4	Rohit Srivastava	June 2011	5.5	ISO 27001 LA, ISO 20000, BS 25999
5.	Ravi Mohan Chaubey	May 2013	15	ISO 27001 LA, CEH
6.	Neha Rani Srivastava	June 2012	4.5	ISO 27001, CEH
7.	Areeb Naqi	June 2013	3.5	CEH, OSCP, ISO 27001 LA
8.	Anshul Jain	June 2014	2.5	CEH
9.	Nidhi Singh	June 2014	2.5	CASP
10.	Jatin Kumar	June 2014	2.5	CEH
11.	MK Prasad	Nov 2014	2.7	CEH,CPISI
12.	Ather Ali	Aug 2015	1.5	CEH
13.	Rahul Yadav	Aug 2015	1.5	CASP
14.	Rishabh Pandey	Nov 2015	1	CEH
15.	V. Balaji	Dec 2015	2	CEH
16.	Devesh Rawat	Dec 2015	1	CEH
17.	Surej Sekhar	Jan 2016	1	CEH
18.	Nikhit Kumar	June 2016	1.5	CASP
19.	Yogendra Singh	May 2016	2.5	CASP
20.	Ravi Ranjan	April 2016	4	CEH
21	Sarthak Chaudhary	April 2016	1	CEH
22	Siddharth Shukla	Jan 2015	2	CASP
23	Raghwendra Kumar	Sep 2016	1	CASP
24	Jakkamsetti Madhuri	Sep 2016	1	CASP
25	Arya Anindyaratna Bal	Sep 2016	1	CASP
26	Aniket Prasad	Oct 2016	1	CEH & ISO 27001
27	Rashmi Rani	April 2016	1	CASP
28	Anil K. Murkha	Mar 2016	1	CEH
29	Samaksh Kaushik	Oct 2016	1.5	CEH
30	Saurabh Koshti	May 2016	1	CEH
31	Shivangi Srivastava	Feb 2016	1	CEH
32	Pragya Varshney	June 2016	1	CASP
33	Pankaj Badera	Nov 2016	1	CASP
34	Ruchika Berry	June 2016	1	CASP
35	Vinod Prakash Chandra	May 2016	1	ISO 27001
36	Shiva Sunar	June 2016	0.6	CEH
37	Onkar Babbar	Sep 2013	1	CEH
38	Dilpreet Kohli	July 2015	1	CASP
39	Shreya Goyal	July 2016	0.5	CASP
40	Karan Tanwar	July 2015	1	CASP

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

- Carried out Infrastructure, Process & Security Audit of one of the competition exam conducted online. Total Number of Nodes were approx. 2,00,000. 31 different cities with 276 locations. Project value was approx. 70 Lakh

- Carrying out Cyber Security Audit for one of the National Level Power Sector Project including audit of SCADA system, Project value is approx. 40 Lakh

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
- Social Engineering ToolKit – Social Engineering testing
- Wireshark – Packet Analyser

Commercial Tools

- Nessus, Nexpose – Vulnerability Scanner
- Burp Suite, Acunetix - Web application auditing
- Passware: Password Cracking
- Mange Engine, Solarwind – Network Performance Testing
- Sawmill: Log Analysis
- Proprietary Tools
- ISA Log Analyzer

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

 *Information as provided by **AKS Information Technology Services Pvt. Ltd.** on **25th Nov 2016**

M/s Aujas Networks Pvt Ltd

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

    **Aujas Networks Pvt Ltd
    Locations: Bangalore (India), Mumbai (India), Delhi (India),
    Dubai (UAE), New Jersey (US), Cupertino (US)**

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, PCI, etc.)   :   (Y)

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

Govt.	:	*<4>*
PSU	:	*<0>*
Private	:	*<140>*
Total Nos. of Information Security Audits done	:	145

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	:	**<70>**
Wireless security audit	:	**<15>**
Compliance audits (ISO 27001, PCI, etc.)	:	**<10>**

6. Technical manpower deployed for information security audits :

CISSPs	:	*<9>*
BS7799 / ISO27001 LAs	:	*<45>*
CISAs	:	*<15>*
DISAs / ISAs	:	*<2>*
Any other information security qualification: *<number of>*		
CEH	:	57
CISM	:	2
CHFI	:	2
CSSLP	:	3
CCNA	:	26
Total Nos. of Technical Personnel	:	**301**

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	Sohail N	1.56	10.23	OSCP, CEH

		1.54	3.04	CEH,ACSE,OSCP, IBM Appscan certified professional
2	Shaik D			
3	Dhruv S	1.56	6.08	CEH,ECSA,CISE
4	Avinash S	3.21	6.01	CEH; ITIL v3, CHFI, IBM Appscan Certified Professional, SANS GICSP, CCSA, CPISI
5	Reinal S	2.56	5.81	ISO 27001 LA, IBM Appscan certified professional, CEH, IBM Appscan certified professional
6	Amit R	8.07	9.82	SCJP, SCWCD, CSSLP, OSCP
7	Tom K	1.12	6.45	RHCE, CEH, OSCP
8	Prakash J	2.50	6.08	CEH
9	Amarpreet S	1.98	8.98	CISA

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

   One of the largest banks in Middle East (We cannot declare the name of banks we have NDA signed with them). Three Geographical Locations: India, SA, and London

   Complexity: Project involved Network Security Architecture Review, Wireless Security Audit, Internal Vulnerability Assessment and Penetration Testing, Social Engineering, Security Configuration Review, Phishing Diagnostics, Physical Security Review, Application Penetration Testing, Risk Assessment, Polices and Procedures Review

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

Name	Description
Open Source Tools	
Nmap	Port Scanner, Fingerprinting
Netcat	Network Utility
SuperScan	Port Scanner
Snmp Walk	SNMP Scanner
User2SID	Windows Service Identifier
Sid2User	Windows Service Identifier
John the Ripper	Unix and Windows Password Analyzer
Metasploit	Exploit Framework
Backtrack Live CD	Exploit Framework
Paros	HTTP/S Interception Proxy
Burp Suite	HTTP/S Interception Proxy
Brutus	Brute force password utility
Cookie Editor	Firefox Plug-in to Edit Cookies
Netstumbler	Wireless Network Detector / Sniffer
Kismet	802.11 Wireless Network Detector / Sniffer
MySQL Administration Tool	Administration tools for SQL Database
GoCR	OCR Reader
Commercial Tools	

Accunetix	Web Vulnerability Scanner
Burp Suite Pro	Web Vulnerability Scanner & Interceptor
Nessus	Network Vulnerability Scanner
CheckMarx	Source Code Review
Custom Tools	
PHP Security Audit Script	Web application configuration review tool

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

   We don't outsource information security audit to outside vendors. Aujas execute its entire project undertaken.

   *Information as provided by < **Aujas Networks Private Limited**> on <**24-Nov-16**>

M/s Cyber Q Consulting Pvt Ltd.

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

   **CyberQ Consulting Pvt. Ltd.
   #622, DLF Tower A, Jasola, New Delhi-110025**

2. Carrying out Information Security Audits since   :   **2002**

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**
   - Information Security Policy preparation, review and assessment against
     best security practices   :   **Yes**
   - Process Security Testing   :   **Yes**
   - Physical Access Controls & Security Testing   :   **Yes**
   - Penetration Testing   :   **Yes**
   - PKI Audit   :   **Yes**
   - Industrial Control System Security Audit   :   **Yes**

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

   Govt.   : 28+
   PSU   : 6+
   Private : 8+
   Total Nos. of Information Security Audits done : 42+

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

   Network security audit   : **16+**
   Web-application security audit : **28+**
   Wireless security audit   : **4+**
   Compliance audits (ISO 27001, PCI, etc.): **10+**

6. Technical manpower deployed for information security audits :

   CISSPs :   -
   BS7799 / ISO27001 LAs : 2
   CISAs : 3
   DISAs / ISAs : -
   Any other information security qualification: 7
   Total Nos. of Technical Personnel : 15+ Information Security Experts having an experience
   from 1 to 15+ years.

7. Details of technical manpower deployed for information security audits in Government and Critical
   sector organizations (indicative list only)

S. No.	Name of Employee	Duration with CyberQ	Experience in Information Security	Qualifications related to Information security
1	Debopriyo Kar	15+	16+ Years	- CISA - Technical Expert for JAS-ANZ (Australia) - IRCA Certified ISO 27001 - COBIT Foundation

				Certified
2	Mathew Verghese	02+	7+ Years	- CISA - ISO 27001 LA
3	Ram Chandak	06+	6+ Years	CISA
4	Abhishek Gaur	01	7+ Years	CCNA
5	Abhishek Tyagi	05+	8+ Years	CEH
6	And many more ….			

8. Specify Largest Project handled in terms of scope (in terms of volume, complexity, locations etc.) along with project value: CyberQ has executed a number of large projects:

   - Geographical locations – India, South-east Asia, SAARC, Middle East, Africa and Europe
   - Industry – Government, Telecom, BFI, IT, Power, BPO, Automotive
   - Services provided – IT Security Audit, ISMS Consultancy /Audit, Application Security audit, Performance audit, PKI audit, Industrial Control Systems security audit, etc.

9. List of Information Security Audit Tools used (commercial/ freeware/proprietary):
   - Nessus
   - Sam Spade
   - Solar Winds
   - IP Scanner
   - nmap
   - Brutus
   - Burp Proxy
   - Web Scarab
   - Echo Mirage
   - Ethereal
   - WebSphinx
   - Winhex
   - Tamper IE
   - Proprietary Tools etc

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

*Information as provided by **CyberQ Consulting Pvt. Ltd**. on **Nov 24, 2016.**

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

M/s Control case India Pvt. Ltd.

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

   ControlCase International Pvt. Ltd.
   203, Town Center I, Andheri-Kurla Road, Andheri East
   Mumbai - 400059

2. Carrying out Information Security Audits since :   2005

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

   - Network Security Audit
   - Web-application Security Audit
   - Web Application Source Code Review
   - Advanced Penetration Testing Training
   - Wireless Security Audit
   - Compliance Audits (ISO 27001, PCI DSS, PA DSS, HIPPA, EI3PA)
   - Virtualization Security Assessment
   - Mobile Application Security Audit

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

Govt.	:	*15*
PSU	:	*03*
Private	:	*500+*
Total Nos. of Information Security Audits done :		500+

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

Network Security Audit :	100+
Web-application Security Audit :	100+
Web Application Source Code Review :	15
Advanced Penetration Testing Training :	10
Wireless Security Audit :	10
Compliance Audits (ISO 27001, PCI DSS, PA DSS, HIPPA, EI3PA) :	400+
Virtualization Security Assessment :	5
Mobile Application Security Audit :	20

6. Technical manpower deployed for information security audits :

CISSPs	:	8
BS7799 / ISO27001 LAs	:	15
CISAs	:	10
CEH	:	8
PCI QSA	:	15
PA QSA	:	4
ASV	:	3
CISM	:	1
CRISC	:	1
CCNA	:	3
ITIL	:	3
PMP	:	2
Total Nos. of Technical Personnel	:	50 plus

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	5+ Years	10+ Years	PCI QSA, PA QSA, CISSP, CEH, ASV, ISO 27001 LA
2.	Pramod Deshmane	3+ Years	10+ Years	PCI QSA, PA QSA, CISA, CEH, ISO 27001 LI
3.	Nitin Patil	2+ Years	4+ Years	CEH
4.	Abhishek Roy	2+ Years	4+ Years	MS Cyber Law and Info Sec
4.	Rajesh Jayaswar	2+ Years	4+ Years	MS Cyber Law and Info Sec, CISA, CEH, ISO 27001 LA, ISO 20000, BS 25999
5.	Shashank Vaidya	2+ Years	3+ Years	CEH

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

S.No	Client	Description of services (Relevant to Scope of Work in this RFP, give reference number only)	Project Value
1.	One of the largest bank in Kuwait	Compliance as a Services – CAAS Which includes PCI certification, Fire wall rule set review, Configuration scanning of IT Assets, Application Security scanning, Log Monitoring 24 x 7, Internal vulnerability scan, External vulnerability scan, Internal and external penetration testing, Review and updating of policies, Annual security awareness trainings, Risk assessment	Rs. 40 lacs plus per year for 3 years
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	Rs. 35 lacs plus in one year
3.	One of the largest bank in Brunei	Application Security Review Code review	Rs. 12.5 lacs plus
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 24 x 7, Internal vulnerability scan, External vulnerability scan, Internal and external penetration testing, Review and updating of policies,	Rs. 10 lacs plus per year for two years

		Annual security awareness trainings, Risk assessment	
5.	One of the Top BPOs, with Global operations- multiple sites	Compliance as a Services – CAAS Which includes PCI certification, ISO Certification Configuration scanning of IT Assets, Application Security scanning, Internal vulnerability scan, External vulnerability scan, Internal and external penetration testing,	Rs. 30 lacs plus per year- Three years contracts

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

Commercial :

IBM Rational Appscan
Armorize Code Secure
Tenable Nessus
Beyond Trust Retina (Privously owned by eEye)
Burp Suite Professional
Nipper

Freeware / Open Source (Includes but not limited to below) :

Backtrack / Kali Linux Framework – Nmap, Netcat, cryptcat, Hping, Sqlmap, JTR, OpenVAS, SET, MSF, Aircrack suite, Dirbuster, Cain
Rapid 7 NExpose
Fiddler
Charlse Proxy
Eco Mirage
Proprietary :

ControlCase GRC - ControlCase GRC 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.

JDBF – Jet database Fuzzer, used to automate exploitation of discovered injection vulnerability in Jet Database to fuzz for databases, tables and associated columns.

NPTO – Network Penetration Testing Optimizer, focuses on elimination of the need to perform various analysis steps such as live IP identification, active information gathering using port scanners such as Nmap, optimizing security scanners such as Nessus / OpenVAS to perform vulnerability identification based on obtained results and providing verified results.

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

*Information as provided by **ControlCase International Pvt. Ltd.** on 23/May/2013

M/s Ernst & Young Pvt Ltd

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

   Ernst & Young LLP, Chennai

2. Carrying out Information Security Audits since   :   January 2001

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, PCI, etc.) (Y/N)

4. Information Security Audits carried out in last 12 Months   :
   Govt.   :   11
   PSU   :   15
   Private   :   90
   Total Nos. of Information Security Audits done   :   116

5. Number of audits in last 12 months , category-wise **(Organization can add categories based on project handled by them)**
   Network security audit   :   110
   Web-application security audit   :   > 80
   Wireless security audit   :   6
   Compliance audits (ISO 27001, PCI, etc.)   :   80

6. Technical manpower deployed for information security audits   :
   CISSPs   :   *9*
   BS7799 / ISO27001 LAs   :   *17*
   CISAs   :   *69*
   DISAs / ISAs   :   *2*
   Total Nos. of Technical Personnel   :   *145*

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	Ponkumar Venkatesh	12.10 years	12.5 years	CISM
2	Rajesh kumar D	6 years	13 years	CISSP
3	Vishal jain	12.7 years	12 years	CISSP
4	Mini Gupta	9.6 years	11years	CISM, Lead Auditor Course (BS25999)
5	Abhijit Kumar	6.5 years	14 Years	CISA, Lead Auditor Course (27001:2005)
6	Parab Ganesh	2 years	1.7 Years	CHFI (EC-Council), CEH, CIPP/IT
7	Rushit Choksey	10.6 years	8 Years	CISM, CISA, CIPP/IT, Diploma in Cyber Law, ISMS Implementation course (27001:2005)
8	Kartik Shinde	3.8 years	12 Years	CISSP, CEH, GCFW, MCSE, Certified BS7799 Implementer

9	Nikhil Wagholikar	3.4 years	7 Years	CISA, CEH, ISO 27001 Lead Auditor, CHFI, CPISI, CNSM
10	Vineet Shetty	2.10 years	2 Years	CEH
11	Rahul Rishi	14.5 years	14 Years	BS25999, CFE
12	Vibhor Jain	11.6 years	11 Years	CISA, CISSP
13	Munish Arora	2 .7years	2 Years	CDCP
14	Krunal Sidhpura	2.3 years	1.10 Years	CDCP, CDCS, CCNA
15	Jamaal Raazi	2.9 Years	2 Years	CDCP
16	Navin Kaul	5.4 years	4.9 Years	CISA, ISO 27001, BS25999
17	Arindam Mandal	4.1 years	3.7 Years	ITILv3
18	Pritam Patnaik	2.10 years	2 Years	ITILV3
19	Rahul Choudhary	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.

- **ERP application audit** (Application Security review - 500+ screens across various Roles)

- **State Wide Area Network (SWAN)** (Vulnerability Assessment - 500+node)

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

Freeware

1. Nmap -- Port scanner

2. Nessus -- Vulnerability scanner

3. Nikto -- Web server/application vulnerability scanner

4. Metasploit Framework – Exploit code development framework for penetration tests

5. Peach – Python based fuzzer framework

6. Libnet – High level API for construction & injection of network packets

7. WireShark – Network protocol analyzer

8. Ettercap - Terminal-based network sniffer / interceptor / logger for ethernet LANs

9. Somersoft -- Security configuration, registry entries and access control lists on systems running the Windows operating system.

Commercial

1. App Detective -- Vulnerability assessment and review of security configuration of MySQL, Oracle, Sybase, IBM DB2, MS SWQL Server, Lotus Notes/Domino, Oracle Application Server, Web Applications.

2. Bv-Control Suite -- Security assessment -Microsoft Windows, Active Directory, Microsoft Exchange, Microsoft SQL Server, UNIX (Sun Solaris, HP-UX, AIX, Red Hat and SUSe Linux), Internet Security, Check Point Firewall I

3. HP WebInspect – Web application security assessment

4. IPLocks VA – Database configuration and vulnerability assessment

5. Immunity Canvas – Vulnerability exploitation framework for penetration tests

6. eTrust -- Online vulnerability management framework.

7. Bv-Control -- Security and segregation of duty review for SAP

Proprietary

1. iNTerrogator -- Review of security configuration of systems running the windows operating system.

2. *nix scripts -- A collection of scripts to assess the security configuration including file level ACLs on *nix systems (SCO OpenServer, Linux, HP-Ux, AIX, Solaris, *BSD).

3. Spider -- Web application security assessment

4. FakeOra -- Security assessment of 2-tier applications that use Oracle 8i (and above) as the RDBMS).

5. S-SAT -- A traveling SAP Security tool.

6. Permit -- ERP risk assessment and control solution tool.

7. Assessor -- Configuration review of Oracle Financials system.

8. WebSmack – Web application inventory and vulnerability assessment

9. EY/Mercury – Web based technical work plan generator to perform security configuration review of IT infrastructure

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

*Information as provided by Ernst & Young LLP on 12/11/13

**napshot 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. :   *0*
   PSU :   *0*
   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: 4
   Web-application security audit: 13
   Wireless security audit: 0
   Compliance audits (ISO 27001, PCI, etc.):   3

6. Technical manpower deployed for information security audits :

   CISSPs   :   <1>
   BS7799 / ISO27001 LAs   :   15
   CISAs   :   NA
   DISAs / ISAs   :   NA
   Any other information security qualification :   10
   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 *<organization>*	Experience in Information Security	Qualifications related to Information security
1.	Srinivas Prasad	9 years	9 years	CISC, CPH, CPFA, ISO 27001 LA, CPISI
2.	Subramaniam Mariappan	2 years	7 years	CISSP, CCSP, CCNP
3.	Homesh Joshi	5 Years	11 Years	ISO 27001 LA

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

    Netmagic's one of the largest and complex project was to carry out Information Security Assessment / Audit for one of India's new age finance company which has recently acquired banking license. 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

    The project value was approximately 42+ Lacs and managed security services worth 1 Cr. INR.

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

    <u>Open Source</u>

    - Webscarab/Paros/Burp
    - Grendle scan/Nikto/w3af
    - KALI Linux
    - Dir buster
    - WebSecurify

    <u>Commercial</u>

    - 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.))   No

    *Information as provided by **Netmagic IT Services Pvt. Ltd.** on **24-11-2016**.

M/s Network Intelligence India Pvt. Ltd.

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

   Network Intelligence India Pvt. Ltd.,
   Mumbai

2. Carrying out Information Security Audits since :   2001

3. Capability to audits, 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
   - SCADA security audit: Yes
   - Telecom security audit: Yes

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

   Govt. :   25
   PSU :   3
   Private :   90
   Total Nos. of Information Security Audits done :   118

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

   Network security audit: 26
   Web-application security audit: 76
   Wireless security audit: 20
   Compliance audits (ISO 27001, PCI, etc.):   26

6. Technical manpower deployed for information security audits :

   CISSPs :   4
   BS7799 / ISO27001 LAs :   10
   CISAs :   3
   DISAs / ISAs :   *None*
   Any other information security qualification: 10
   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	Duration with *<organization>*	Experience in Information Security	Qualifications related to Information Security
1	TAS	5	5	CEH
2	VT	5	5	CCNA, RHCE, CPH, CPFA
3	WH	4	4	CPH
4	Omair	3	7	CEH, OSCP, Juniper Certified, RHCE, VMware Certified
5	SY	4	4	CWASP, CPH
6	DR	4	4	CWASP, CPH

7	ST	3	3	CPH, CPFA, CWASP, OSWP
8	RD	1	6	CISSP
9	DM	3	5	CISSP, CISA
10	KKM	11	11	CISSP, CISA, CISM, CRISC
11	DR	1	8	CISSP
12	JP	3	6	

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

    Powergrid Corporation of India Ltd.
    More than 50 network devices, 1000+ end-points, 50+ servers, SCADA systems
    Spread over 5 locations of the country
    Project value: approximately INR: 15 lakhs

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

    Proprietary: AuditPro, Firesec

    Commercial: Netsparker, Burp Suite Pro, Nessus, GFI, Havij, Appscan, Acunetix, Checkmarx, Veracode, Cenzic Hailstorm

    Freeware: Nmap, Backtrack, Metasploit, Browser Add-ons, Fiddler, .NET Reflector, Microsoft Threat Modeling Tool, Nikto, Wikto, FuzzDB, Cain & Able, BinScope, Numerous Malware Analysis Tools, JTR, Crack, ADInfo, Hyena, Wireshark, Sysinternals Tools, SNMPWalk, Hping, netcat, and many others too numerous to list all of them.

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

*Information as provided by **Network Intelligence India Pvt. Ltd**. on **14/09/2012**

M/s Net-Square Solutions Pvt. Ltd

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

   Net-Square Solutions Pvt. Ltd, Ahmedabad

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
Mobile application audit	:	Y
Application Code Reviews	:	Y
IT security design consulting	:	Y
Social Media Threat Evaluations	:	Y
Compliance audits (ISO 27001, PCI, etc.)	:	N

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

Govt.	:	2
PSU	:	1
Private	:	20
Total Nos. of Information Security Audits done	:	23

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 and mobile application security audit	:	17
Code reviews and secure coding training	:	4
Social Engineering and security process audits	:	2
Wireless security audit	:	3
Compliance audits (ISO 27001, PCI, etc.)	:	2

6. Technical manpower deployed for information security audits : CISSPs : 1 CISAs : 1 Any other information security qualification:

MCTS	:	1
CCNA Security	:	1
CEH	:	3
Cyber Security Specialists	:	2
Certified Forensics Professionals	:	2
Total Nos. of Technical Personnel	:	22

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

Sr No.	Name	Designation	Duration with Net-Square Solutions	Experience in Information Security	Technical Certifications
1.	Saumil Shah	CEO	13+ years	17+ years	Certified Information Systems Security Professional (CISSP)
2.	Hiren Shah	President	2.5 years	15+ years	a. Certified Information Security Auditor (CISA) b. Certified in the Governance of Enterprise IT (CGEIT)
3.	Aditya Modha	Team Lead - Consulting	2.5 years	4 years	Microsoft Certified Technology Specialist (MCTS) in .NET Framework 2.0 Web Applications

4.	Rohan Braganza	Security Analyst	1.5 years	2.5 years	a. Certified Ethical Hacker (CEH) b. Cisco Certified Network Associate (CCNA) c. Cisco Certified Network Associate(CCNA) – Security
5.	Yogesh Deshpande	Security Analyst	1 year	1 year	a. Certified Professional Hacker (CPH) b. Certified Information Security Consultant (CISC) c. Certified Professional Forensics Analyst (CPFA)
6.	Shyam Kumar	Security Analyst	6 months	1 year	a. Certified Ethical Hacker (CEH) b. Certified Cyber Security Expert c. L1 Ethical Hacking Expert
7.	Girish Shrimali	Security Analyst	6 months	2 years	a. Certified Ethical Hacking Expert b. Certified Cyber Security Expert
8.	KEP Vasudeva	Security Analyst	4 months	1.6 years	a. Certified Cyber Security Expert

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

- Annual Information Security project with client based out of multiple locations in India and USA. Project having work scope of 24 man months which includes testing of web applications, client server applications and network and security reviews of offshore sites. The total project value has been US $ 200,000.

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

Sr. No.	Name of Tool	What will it be used for	Commercial/freeware / proprietary
1	BURP Suite Professional (licensed to Net-Square)	HTTP request interception and modification	Commercial
2	BURP Extensions (custom developed)	Enhances burpsuite and makes it easier to work with it.	Proprietary
3	VMware Workstation/Player	Helps to install and run one or more os(s) virtually.	Commercial
4	Backtrack 5 R3 virtual machine image	Used to install backtrack os.	Freeware
5	DirBuster	Used to bruteforce the directories in a webapp.	Freeware
6	Tilde Scanner	Find the files on windows IIS server which	Freeware
7	NMap	Used to scan for the open ports and services on a webserver.	Freeware
8	W3af	Web Application audit and attack frameworkused for auditing and exploitating web apps.	Freeware
9	Metasploit framework	The framework enables us to run the exploits, create sessions and exploit vulnerable apps.	Freeware
10	Nikto	A Webapplication vulneribility scanner that can test all the posibile vulnerabilities in a webapplication.	Freeware
11	Nessus	A Webapplication vulnerablity/network scanner that can	Commercial

		be used in local machine to test the web	

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

*Information as provided by Net-Square Solutions Pvt. Ltd. on 22nd May 2013

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

M/s Paladion Networks Pvt Ltd

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

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

2. Carrying out Information Security Audits since : *<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, PCI, etc.) :*   *Yes*
    - *Source Code Review :*   *Yes*

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

    Govt. :   more than 5
    PSU :   more than 5
    Private :   more than 50
    Total Nos. of Information Security Audits done :   more than
    100

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

    Network security audit   : 1000+ IP addresses
    Web-application security audit   : 500+ applications
    Wireless security audit   : 20+ locations
    Compliance audits (ISO 27001, PCI, etc.) : 25+

6. Technical manpower deployed for information security audits :

    CISSPs   :   10+
    BS7799 / ISO27001 LAs   :   25+
    CISAs   :   10+
    DISAs / ISAs   :   5+
    Any other information security qualification :   50+ CEH
    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):

    We have 700+ technical personnel who are into information security projects. Here are a few of them-

S. No.	Name of Employee	Duration with *Paladion*	Experience in Information Security	Qualifications related to Information security
1.	Balaji V	10+ yrs	10+ yrs	CISSP

2.	Sanjeev Verma	9+ yrs	9+ yrs	CISSP
3.	Prashant Kumar Verma	9+ yrs	10+ yrs	CISSP, Digital Evidence Analyst, Cyber Crime Investigator, Qualys Certified Specialist
4.	Santosh Jadhav	5+ yrs	10+ yrs	CEH, CISSP
5.	Shahabuddin Siddiqui	6+ yrs	8+ yrs	Certified Web Hacking & Security, Professional, ITIL v3, Qualys Certified Professional
6.	Dawood Haddadi	6+ yrs	8+ yrs	Certified Web Hacking Security Professional, ISO 27001 Lead Auditor
7.	Hardik kumar Vashi	5+ yrs	8+ yrs	CISA (1297325), ISO27001 LEAD AUDITOR (ISM01MO913-0103), CCNA (CSCO11433404), QSA
8.	Hariharan Anantha Krishnan	5+ yrs	8+ yrs	ISO 27001, CEH, QSA

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	Global Bank with Delivery Centre in India	a) Secure configuration review b) Firewall rule base audit c) Internal penetration test d) External penetration test e) Host discovery f) Web application vulnerability scan	Rs. 5 crore+
2	A large PSU in Western India	a) Secure configuration review b) Source Code Review c) Internal penetration test d) External penetration test e) Policy and Procedures f) Web application penetration	Rs. 1 crore+
3	A large Private Bank in India	a) Security Testing	Rs. 3 crore+

		b) Security Monitoring c) Threat Advisory	
4	Large IT company in South India	25 Web Application Per quarter, 30IPs Per Quarter-Network Penetration Testing, 10 Applications Per Year-Code Review, 10 Mobile Application Testing	Rs. 1 crore+

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

S. No	Activities	Security Audit tools
1	Network Penetration Testing	KALI Linux, Nslookup, Dnsrecin, Dnsmap, Metagoofil, fragroute, whisker, Nmap, Firewalk, SNMPc, Hping, xprobe, Amap, Nessus, Nikto, L0phtcrack, John the ripper, Brutus and Sqldict.
2	Wireless Penetration Testing	AirSnort, WinDump, Ethereal, WEPCrack, NetStumbler, Kismet, AirTraf, WaveStumbler, Aircrack-ng Suite & Ettercap
3	Internal Vulnerability Scanning	Qualys Guard & Nessus Professional
4	Application Security Assessment	Burp Proxy and Scanner, Paros Proxy and Scanner, Wireshark, Winhex, , CSRF Tester, Elixan, OpenSSL, tHCSSLCheck, Firefox Extensions, NetSparker
5	Social Engineering	KALI Linux, Paladion tools
6	ASV Scans	Qualys professional
7	War Driving	Netstumbler, Kismac, or Kismet
8	Source Code Review	Checkmarx & Paladion Preparatory tool
9	Configuration Review	RISKVU IST, Tenable Nessus

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

*Information as provided by **Paladion Networks Pvt Ltd.** on **10/09/2012**

M/s PricewaterhouseCoopers Pvt. Ltd

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

    PricewaterhouseCoopers Pvt. Ltd.
    Building 8, 7th Floor, Tower C, Dlf Cyber City,
    Gurgaon, Haryana 122002

2. Carrying out Information Security Audits since: 1992

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   :   *32+*
    Private   :   *50+*
    Total Nos. of Information Security Audits done   :   *100+*

11. 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   :   300+
    - Wireless security audit   :   25+
    - Compliance audits (ISO 27001, PCI, etc.)   :   25+

12. Technical manpower deployed for information security audits :

    CISSPs   :   5+
    BS7799 / ISO27001 LAs   :   5+
    CISAs   :   5+
    DISAs / ISAs   :   -
    Any other information security qualification   : CEH – 20+
    Total Nos. of Technical Personnel   :   200+

13. 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.	Rahul Aggarwal	11 Years 8 months	16 years	CISSP, ISO 27001, BS25999
2.	Manish Kumar Gupta	4 Years 2 Months	6 Years	CEH
3.	Pravesh Janartha	1 Years 10 Months	5 Years	CEH, ISO 27001, ISO 31000
4.	Saurabh Srivastava	3 Years 4 Months	3 Years	CEH, ISO 27001
5.	Atiq Anwar	1 Year 10 Months	6 Years	CEH, ISO 27001

6.	Nagesh Gautam	1 Year 10 Moths	5 Years	CEH
7.	Rajinder Singh	2 Years 6 Months	6 Years	CISSP, CEH, CISRA, ISO 27001, CIPP, CCNA
8.	Debayan Mitra	6 Years 10 Months	8 Years	CEH, ISO 27001
9.	Anil Keshava Mallaya	4 Years	8 Years	CISM, ISO 27001, ISO 22301
10.	B. Ashish Kumar	2 Years 11 Months	8 Years	CEH, CISSP, CISA, CISM, ISO 27001

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

Design and monitor the Information Security and Performance as part of the Governance, Risk and Compliance (GRCP) initiative of the largest biometric service provider

M/s. PricewaterhoouseCoopers Pvt. Ltd. has been engaged to facilitate creation of a robust, comprehensive, secure environment for UIDAI ecosystem including setting up the GRCP framework for the organization, carrying out compliance assessment of more than 250+ ecosystem partners based on ISO standards and organization's information security policy, conducting vulnerability assessment, penetration testing and application assessment for the entire ecosystem based on OWASP guidelines.

Project Value: Approx. 2.5+ million USD

a **Implementation and Monitoring of GRC Framework for the IT consolidation Project for**

Department under Ministry of Finance (GoI)

PwC has been engaged with the client to assist in design, implementation and monitoring of framework aimed towards achieving secure virtualization of processes/ systems supporting generation, processing and creation of sensitive tax-payer data. Broadly our scope includes:
- Review of Security governance framework covering three data centers and select other locations
- Review of the security policy and procedures and assistance in ISMS implementation
- Performance measurement for all large vendors for SI, Data Centre, LAN, WAN and MPLS services
- Periodic Security audit for critical site locations including Data Centers, Custom and Excise Houses
- Application Audit and SDLC review for all the 5 business critical applications used by the department
- Periodic Vulnerability Assessment and Penetration Testing (both Internal and External) of the centralized IT Infrastructure.
- Periodic Configuration review of the supporting network devices at the Data Centres
- Periodic Security Assessments of the web applications

Project Value: Approx. 1+ million USD

15. list of Information Security Audit Tools used (commercial/ freeware/proprietary):

S. No.	Type of Tool	Tools
1.	Commercial	1. Webinspect 2. Nessus Professional Feed 3. Maltego 4. Accunetix 5. Burp Professional Suite 6. HPE Fortify 7. Others
2.	Open Source	1. Nmap 2. Metasploit

		3. Backtrack
		4. Nessus Home Feed
		5. Others
3.	Proprietary	1. Phish Pro
		2.PwC Windows Script
		3. PwC Unix Script
		4. PwC SQL/Oracle Script
		5. PwC Server Script
		6. Others

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

*Information as provided by **PricewaterhouseCoopers Pvt. Ltd.** on 17 January, 2017.

M/s STQC Directorate

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

    STQC Directorate,
    6 CGO Complex and STQC IT Centers at Delhi, Kolkata, Mohali, Pune, Bangalore, Hyderabad,
    Trivandrum, Chennai.

2. Carrying out Information Security Audits since   :   <2003>

3. Capability to audit , category wise (add more if required)
    *   Network security audit   :   Yes
    *   Web-application security audit   :   Yes
    *   Wireless security audit   :   No
    *   Compliance audits (ISO 27001, PCI, etc.) :   Yes

4. Information Security Audits carried out in last 12 Months :
    Govt.   :   57
    PSU   :   36
    Private   :   27
    Total Nos. of Information Security Audits done   :   119

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   :   90
    Wireless security audit   :   Nil
    Compliance audits (ISO 27001, PCI, etc.) :   12

6. Technical manpower deployed for information security audits :
    CISSPs   :   NIL
    BS7799 / ISO27001 LAs   :   17
    CISAs   :   NIL
    DISAs / ISAs   :   NIL
    Any other information security qualification:
    CEH   :   10
    Certified Professional for Secure software engineering :   6

7. Total Nos. of Technical Personnel   :   27

8. 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. Sanjeev Kumar	1993	Center Security, Appl. Security	2
2	Mr. Manoj Saxena	1985	Secure software development, ISMS LA, Master Trainer	2
3	B.K. Mondal	Jan-90	ISMS LA, CEH	13
4	Aloke Sain	Nov-91	ISMS LA, CEH	11

5	Subhendu Das	Jun-89	ISMS LA, CEH	13
6	Chittaranjan Das	Nov-86	ISMS LA, CEH	5
7	Tapas Bandyopadhyay	May-91	ISMS LA, CEH	9
8	Malabika Ghose	Jul-89	CEH	9
9	Manikanta Das	Mar-84	ISMS LA, CEH	9
10	Arpita Datta	Jun-95	CEH, Master Trainer (ISEA Project)	9
11	Debasis Jana	Sep-82	ISMS LA, CEH	13
12	Sanjay K. Prusty	Dec-95	CPSSE (Certified Professional for Secure Software Engineering)	9
13	Arup Datta	Apr-98	CNSM	3
14	Subrata Giri	Jan-13	CNSM	1
15	Himadri Roy	Feb,1989	ISMS LA	5
16	E.Kamalakar Rao	Oct-89	ISMS LA	7
17	S.P.Tharesh Kumar	Mar-00	CNSM	4
18	V P Yadav	January, 1984	--	4
19	S.Velmourougan	1990	ISMS -LA, STQC-CISP, CEH	
20	TV Subramanyam	Feb-87	ISMS LA, Wireless LAN Security, Secure Software Engineering	3
21	MV Padmanabhaiya	Sep-86	ISMS LA, STQC CISP, STQC CIISA	7
22	Sushil Kumar Nehra	Jun-93	ISMS LA, Master Trainer (ISEA Project), Secure Software Engineering,	13
23	Kamini Malik	May-86	ISMS LA	13
24	A K Sharma	Oct-89	ISMS LA, ITSM LA, ITIL Process Manager	13
25	Arvind Kumar	Sep-86	ISMS LA	13
26	Rakesh Maheshwari	Aug-87	ISMS LA, ITSM LA, ITIL Process Manager, Master Trainer (ISEA Project)	13
27	Dhawal Gupta	May-08	App Sec Training, Network Security, CC, ISEB Intermediate, CNSM	5

9. Specify Largest Project handled in terms of scope (in terms of volume, complexity, locations etc.) along with project value. **28 number of Important Government website hosted at various locations.**

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

 Appscan, Nessus, SAINT exploit, Acunetix wvs, Metasploit,Paros, Burp, Webscraber, Proprietary scripts, SSL Digger, whois, nmap etc

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

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

*Information as provided by **STQC Directorate as** on **07 January 2014**

M/s SUMERU SOFTWARE SOLUTIONS PVT LTD

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

        1st Floor, SAMVIT",
        Near Art of Living International Center,
        Next to Udayapura Bus Stop,
        Behind Sri Anjeneya Temple / Anganawadi School,
        21st KM Kanakapura Main Raod,
        Udayapura, Bangalore – 560082

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
    - Secure code review   :   Yes
    - Mobile application security audit   :   Yes
    - Security code training   :   Yes
    - Application security training   :   Yes
    - Hardening training   :   Yes
    - Forensic security audit   :   Yes

4. Information Security Audits carried out in last 12 Months :
    Govt.   :   42
    PSU   :   23
    Private   :   *20*
    Total Nos. of Information Security Audits done   :   85

5. Number of audits in last 12 months , category-wise **(Organization can add categories based on project handled by them)**
    Network security audit   :   28
    Web-application security audit   :   40
    Wireless security audit   :   10
    Compliance audits (ISO 27001, PCI, etc.)   :   7

6. Technical manpower deployed for information security audits :

    CISSPs   :   1
    BS7799 / ISO27001 LAs   :   17
    CISAs   :   *1*
    DISAs / ISAs   :   NIL
    Any other information security qualification   :   15
    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.	VASANTHANAG GB	Jan 2016	4 Years – ISMS 2 Years, 7 months – IT	ISMS LA, CWHH, CCNA, MCP
2.	Jitendra Kumar Sharma	Jan 2014	2+ years	CEH
3.	Ajan Kancharla	Dec 2015	2 Years, 5 months	ISMS Lead

				Implementer CEH v7 HP ArcSight ESM 6.5 Administration
4.	Ravikumara S D	July 2014	4 Years, 8 months	ISMS LA QMS LA
5.	ARUL P	Feb 2015	1 Year, 1 month	CEH ,EJPT
6.	Abhinav Rajput	Aug 2015	1 Year, I month(8 months in HCL as Network Engineer)	CCNA –(CISCO Certified Network associate)
7	Vyankatesh Paskanti	Feb 2015	1 year	Certified Ethical Hacker (CEH)
8	Sandeep V	Feb 2015	2+ Years	EC Council- Certified Ethical Hacker v8 – Cert No: ECC25199916210 Udemy- Basics Of Web Application Penetration Testing – UC-DJU4VFMX eLearnSecurity Junior Penetration Tester - EJPT-200191 eLearnSecurity Web application Penetration Tester – EWPT – 200 Offensive Security Certified Professional (OSCP)
9	Morsa Jagadeesh Babu	July 2014	1 Year, 8 months	EC Council- certified Ethical Hacker v8 (CEHv8) - Cert No: ECC56126713211, eLearn security Junior Penetration Tester (eJPT) - Cert No: EJPT-200245, Udemy Basics of Web Application Penetration Testing - Cert No: UC-WVFHUEM8
10	Sasikumar TM	Oct 2014	1 Year, 6 months	ISO 27001: 2013 LA, OCJP(Oracle Certified Java Programmer)
11	Siva T	Oct 2015	3+ Years	CEH
12	Sathish T	Aug 2016	1 Year	CEH
13	Ranjith R	Aug 2016	1 Year	CEH
14	Shivsankar B	Mar 2015	1+ Year	ISO 27001:2013 LA
15	Shashank Pramod Dixit	July 2008	7 Years, 5 months	OSCP, CISSP
16	Krishna Kumar Sengoda	Aug 2008	7 years 8 months	GREM, GMOB, GPEN, GWAPT, GWEB, eCPPT, eWPT
17	Rajesh M	Dec 2007	13+ (5 years of information security experience)	ISO 27001:2013 LA
18	Sandeep Erat	Jan 2003	13 +years	CISA, ISO 27001:2013 LA
19	V.Rajagopal	Jan 2010	7 Years	ISO 27001:2013 LA & ISO 9001 2008 LA

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

Large Global Presence Hotel- 95 hotels, both network and web applications, Across the globe.
Project value : RS 120,00,000.00 (1.2 Crores)

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

    Commercial – Burp Suit Professional, Nessus, Netsparker

    Freeware –

    Kali Linux Operation system
    Mallory
    Putty, Echomirage
    HPing2
    Dsniff
    GFI Languard
    Samspade
    Superscan
    Saint
    Sara
    Firewalk
    Xprobe2
    Toolsets
    Hunt
    Brutus
    Fragroute
    Shadow Security Scanner
    Nmap

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

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

    *Information as provided by < **organization**> on <**date**>

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

M/s. Sysman Computers Private Limited

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

   **Sysman Computers Private Limited
   312, Sundram, Rani Laxmi Chowk, Sion Circle, Mumbai 400022
   Contact : Dr. Rakesh M Goyal, Managing Director
   Phone – 99672-48000 / 99672-47000
   Email – rakesh@sysman.in / सिसमैन@सिसमैन.भारत**

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

3. Date of empanelment by CERT-In   : **Since 2005**

4. 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**
   - 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 ASA / KSA   - **YES**

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

Govt. : *<number of>*	*21*
PSU : *<number of>*	*10*
Private : *<number of>*	*17 (over 210 branches)*
Total Nos. of Information Security Audits done :	**48** organisations

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

Network security audit: **<number of>**	**16**
Web-application security audit: **<number of>**	**45**
Mobile-application security audit: **<number of>**	**06**
Wireless security audit: **<number of>**	**04**
Compliance audits (ISO 27001, PCI, RBI): **<number of>**	**240**
Cyber Forensics	**21**
IT GRC Consulting/Audit	**06**
Audit of Certifying Authorities/e-sign/RA/ASP	**05**
Audit of UIDAI ASA / KSA	**03**

7. 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**

8. 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	26 years	PhD, CISA, CISM, CCNA, CFE, CCCI
2	Vaibhav Banjan	May 2007	14 years	CISA, DISA
3	Anand Tanksali	April 2010	10 years	CCNA, CCSA
4	Winod P Karve	Sep 1999	18 years	CISA, ISO27001 LA
5	Mohammad Khalid	March 2011	7 years	CCNA, ISO27001 LA
6	Pallavi Goyal	April 2010	6 years	ISO27001 LA, CCNA,CEH
7	Ankur Goyal	March 2012	8 years	ISO27001 LA
8	Kiran Chugh	June 2015	9 years	CISA, CISSP, ISO27001 LA

9. 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**

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

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

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

   No. No outsourcing of assignment. But engagement of external known experts alongwith Sysman team is done, based on special skills required for the 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.

*Information as provided by Sysman Computers Private Limited on 24 November 2016

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

M/s SISA Information Security Pvt Ltd

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

    SISA Information Security Pvt Ltd
    SISA House, #3029, SISA House, 13th Main Road,
    HAL 2nd Stage, Indiranagar, Bangalore - 560 008. India

2. Carrying out Information Security Audits since :   2001

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
    - RBI PSS Audits   Yes
    - Forensic Investigation   Yes
    - Mobile Application security audit   Yes
    - Information Security Awareness and Trainings   Yes
    - **Secure Code review**   **Yes**

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

Govt.	:	*<0>*
PSU	:	*<2>*
Private	:	*<280+>*
Total Nos.nof Information Security Audits done	:	282

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	:	<35+>
Wireless security audit	:	<2+ >
Compliance audits (ISO 27001, PCI, etc.)	:	<156+>
Forensic Audit	:	<8+>
Secure Code Review	:	<6+>

6. Technical manpower deployed for information security audits :

CISSPs	:	*<3>*
BS7799 / ISO27001 LAs	:	*<7>*
CISAs	:	*<10>*
DISAs / ISAs	:	*<1>*
Any other information security qualification	:	*<26>*
Total Nos. of Technical Personnel	:	47+

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	Renju Varghese Jolly	October 2006	10 Years 1 month	CISA, CISSP, GCFA, PCI QSA, PA QSA
2	Vishnu Ganesh Kamat	October 2014	4 Years	M.Tech (Information Security and Management)
3	Girish Karehalli Venkatappa	February 2015	5 years 2 months	CISA, CRISC , PCI QSA, CEHv8, ISO 27001 LA
4	Lohith Narayana	January 2015	3 Years 6 months	M.B.A IT, MSc ISS and **Trained in:** CEH, ECSA, Sans IDS, Sans CF, Sans IHHT, BSI 27001

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

No. of Computer Systems :	Approx – 3600
No. of servers :	600 – 620
No. of switches :	75 – 80
No. of routers :	280 – 300
No. of firewalls :	21
No. of IDS' :	18

9. List of Information Security Audit Tools used (commercial/ freeware/proprietary):
Refer to Annexure 1

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

* Information as provided by **SISA Information Security Pvt Ltd** on **25/11/2016**

List of Tools SISA presents the most commonly used commercial and open source tools in a SISA Security Audit

Tool	License	Used
Nessus 6.3 Professional feed	Commercial	Vulnerability Assessment
Mobisec	Open Source	Mobil Application Pen Test
Burp Suite Professional	Commercial	Web Application Pen Test
Accuentix	Commercial	Web Application Pen Test
Retina	Commercial	Network Vulnerability Scan
NMAP	Open Source	Port Scanner
W3af	Open Source	Web Application Scanner
Wikto	Open Source	Web Application Scanner
Solarwind	Open Source	Network Pen Test
Back Track Tool Kit	Open Source	Network and Application Pen Test
Samurai Testing Tool Kit	Commercial	Web Application Pen Test
Encase	Commercial	Computer Forensics
Wireshark	Open Source	Network Sniffer
Netstumbler	Open Source	Wireless Scanning
Aircrack	Open Source	Wireless Pen Test
Airmagnet	Open Source	Wireless Pen Test
Paros	Open Source	Web Application Proxy
Nipper	Open Source	Network Configuration File
Qualys Guard	Commercial	Network and Application VA
SoapUI	Commercial	Web Services
Nikto	Open Source	Network Pen Test
Netcat	Open Source	Network Pen Test
Cain&Abel	Open Source	ARP Poisoning, DNS Poisoning
Nessus 6.3 Professional feed	Commercial	Vulnerability Assessment
Mobisec	Open Source	Mobil Application Pen Test
Burp Suite Professional	Commercial	Web Application Pen Test
Accuentix	Commercial	Web Application Pen Test
Retina	Commercial	Network Vulnerability Scan
NMAP	Open Source	Port Scanner
W3af	Open Source	Web Application Scanner
Wikto	Open Source	Web Application Scanner

M/s Torrid Networks Pvt. Ltd

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

   Torrid Networks Pvt. Ltd. , C-171, 2nd Floor, Sector 63, Noida, NCR

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
   - Mobile application security audit   Yes
   - Wireless security audit   Yes
   - Compliance audits (ISO 27001, PCI, DOT Audit, etc.)   Yes
   - DoT Audit   Yes

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

Govt.	: *More than 75*
PSU	: *Around 5*
Private	: *More than 100*
Total Nos. of Information Security Audits done	: **Around 200**

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+
Mobile Application security Audit	:	20+
Wireless security audit	:	7+
Compliance audits (ISO 27001, PCI, etc.)	:	5+
DoT Audits	:	**2**

6. Technical manpower deployed for information security audits :

BS7799 / ISO27001 LAs	:	*4*
CISAs	:	*2*
CEH	:	*10*
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 *Torrid Networks*	Experience in Information Security	Qualifications related to Information security
1	D.S	October 2006	13	CISA, CEH, ISO 27001 LA, ECSA, LPT
2	S.K	February 2011	6	ISO 27001
3	S.P	July 2014	3	CEH
4	N.S	February 2015	2	Diploma in Cyber Security

| 5 | P.A | March 2016 | 2.5 | PG Diploma in IT Infrastructure, Systems & Security |
| 6 | P.Y | March 2016 | 1.5 | CEH, CPFA, CPH, CISC |

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

   No. of Computer Systems   :   10000
   No. of Servers   :   500
   No. of Switches   :   250
   No. of Routers   :   25
   No. of Firewalls   :   18
   No. of IDS'   :   10

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

   Metasploit, Burp Suite SQLMAP, Dnsenum, Knockpy, whatweb, Nikto, Subbrute, Recon-ng, Owasp zap, Fiddler, Tamper data, Live http header, Appscan, Accunetix, Wapplyzer, Dirbuster, wfuzz, Weevely, Nmap, Nessus, Hydra, fping, Wireshark, Tcpdump, testssl, sslscan, rpcclient, Ethercap, enum4linux, snmpwalk, netcat, Nipper-ng, Microsoft Baseline Security Analyzer, Intrust, Intrufi

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

    * Information as provided by **Torrid Networks Pvt. Ltd.** on **25th November, 2016**

M/s ValueMentor Consulting

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

   ValueMentor Consulting
   "Chandanam", Infopark Thrissur,
   Koratty, Kerala, India – 680 308
   Ph: +91 - 487 - 2970 700 / 974 5767 949

2.   Carrying out Information Security Audits since   :   **<2012>**

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 Assessments   :   Yes
   - PCI Consulting / Audit   :   Yes
   - IT Act Consultancy   :   Yes
   - HIPAA Compliance Audits   :   Yes
   - IS Audits for Banks   :   Yes
   - Digital Forensics   :   Yes

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

   Govt.   :   20
   PSU   :   2
   Private   :   117
   Total Nos. of Information Security Audits done   :   139

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

   Network security audit: At least   **20**
   Web-application security audit: At least   **50**
   Wireless security audit: At least   **10**
   Compliance audits (ISO 27001, PCI, etc.): At least   **5**

6.   Technical manpower deployed for information security audits :

   CISSPs   :   **3**
   BS7799 / ISO27001 LAs   :   1
   CISAs   :   4
   Any other information security qualification   :   **14**
   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 ValueMentor since	Experience in Information Security	Qualifications related to Information security
1	Binoy Koonammavu	2012	18 Years	CISSP, CISA, CRISC,CISM,PCI QSA
2	Jobbin Thomas	2012	17 Years	CISSP, ISO 27001 LA, CISA
3	Balakrishnan Alingal	2012	19 Years	CISA, CISSP, CISM, BS7799

4	Angela Maria Paulson	2012	16 Years	CISA, ISO 27001 LA
5	Renjith T C	2013	3 Years	CEH
6	Jacob Jose	2014	2 Years	CEH
7	Arun Babu	2014	2 Years	CEH
8	Jithu T George	2016	2 Years	ECSA, CEH

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

Client	Project Scope	Location	Approx Project Value
A large business group in UAE	ISO27001, PCI DSS, Penetration Testing, IS Risk Assessments	UAE	Above INR 1 Mn

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

#	Category	Tools
1	Commercial	Acunetix Nessus Professional Feed Qualys Guard Burp Professional Suite & Charles Proxy Metasploit Pro
2	Freeware / Open Source	NMAP KALI Linux Distribution and tools in it Metasploit OWASP ZAP / Paros / Fiddler / SSL Strip SQLMap Bowser Add-ons / extensions Wireshark WinHEX NIKTO / Wikto / W3af Tools from FoundStone John The Ripper / Hydra Social Engineering ToolKit Aircrack-Ng Android Emulator Java De-compiler APK Inspector APK Analyzer Cydia Tool set
3	Proprietary	Automating scripts ValueMentor Windows / Unix / Oracle / MS SQL / MYSQL Scripts

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

 *Information as provided by **ValueMentor** on **27-11-2016**

<p style="text-align: center;">Snapshot of skills and competence of CERT-In empanelled
Information Security Auditing Organisation</p>

M/s Wipro Limited

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

   Wipro Infotech, 480-481,
   Udyog Vihar, Phase-III,
   Gurgaon, Haryana.

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

4. Information Security Audits carried out in last 12 Months : Govt. : Atleast 5 PSU : Atleast 5 Private : Atleast 10 Total Nos. of Information Security Audits done : Atleast 30

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

   Network security audit: Atleast 10 Web-application security audit: Atleast 10 Wireless security audit: 0 Compliance audits (ISO 27001, PCI, etc.): Atleast 15

6. Technical manpower deployed for information security audits : CISSPs : Atleast 10 BS7799 / ISO27001 LAs : Atleast 15 CISAs : Atleast 20 DISAs / ISAs : 0 Any other information security qualification: CEH: Atleast 15 Total Nos. of Technical Personnel : Atleast 20

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

   Details attached in Annexure 1

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

S. No.	Name of the Client	Project Scope	Location	Approx Project value
1	One of the largest BPO	PCI, Security audits, Application security, SOX, ISAE 3402, ITGC audits. Volume: More than 140 audits	1. Gurgaon 2. Hyderabad	INR 16 Mn

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

   Commercial Tools:
   a. Nessus—Vulnerability Scanner
   b. Acunetix--- Web Application Auditing

Freeware Tools: Nmap	Netcat	Nexpose	SuperScan	John the Ripper	Metasploit
Backtrack Live CD	Burp Suite	w3af	Brutus	Aircrack-ng	Netstumbler
Kismet	Foundstone Tools	SSlscan	Sqlmap	Hydra	Social Engineering toolkit
Wireshark	Cain and Able	Fiddler	Sysinternals	Firefox addons	chrome addons

Proprietary Tools/Scripts

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

    * Information as provided by **Wipro** on 24-05-2013

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

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

    Centre for Development of Advanced Computing (C-DAC)
    (A Scientific Society of Department of Electronics and Information Technology,
    Government of India)
    Plot No. 6 & 7, Hardware Park,
    Sy No. 1/1, Srisailam Highway,
    Pahadi Shareef Via Keshavagiri (Post)
    Hyderabad - 500005
    Contact Person: Mr Ch.A.S.Murty
    Email: cswan [at]cdac[dot]in
    Contact Number:- 040-23737124, 9248920122
    Fax:- 040-23738131

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, PCI, etc.) (Y/N)   :   **ISO 27001,
      Cloud, PCI, AADHAR UIDAI (KSA/KUA/ASA/AUA), e-Sign ASP,OWASP etc.,**

4. Information Security Audits carried out in last 12 Months :
    Govt.   **2 – completed , 1 – ISMS in progress**
    PSU   :   -
    Private   :   -
    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   :   **8 number of audits to government organizations**
    Web-application security audit :   **78 number of web audits to government and private
    organizations**
    Mobile applications   **- 5 mobile apps certified (10 audits in progress)**
    Wireless security audit   :   **3 number of organizations had wireless in network
    audit scope**
    Compliance audits (ISO 27001, PCI, etc.):   **All 78 web audits are compliance audits as
    follows:**
    - **56 - OWASP**
    - **20 - CCA Compliance ASP e-Sign Audits**
    - **2 - AADHAR UIDAI compliance**
    - **1 - ISO 27001 - in progress**

6. Technical manpower deployed for information security audits :
    CISSPs   :   2
    BS7799 / ISO27001 LAs   :   1
    CISAs   :   Nil
    DISAs / ISAs   :   Nil
    Any other information security qualification:
    - SANS Certified   –   16
    - Cert-CC   –   3
    - CEH   –   17

- ECSA   –   4

           Total Nos. of Technical Personnel   –   36

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

8. Specify Largest Project handled in terms of scope (in terms of volume, complexity, locations etc.) along with project value. : 16 major projects handled which include government network infrastructure audits and various websites".

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

Freeware		Commercial	Inhouse
1. Nmap 2. Nikto 3. Netcat 4. W3af 5. Wapiti 6. Sqlmap 7. Zapproxy 8. Skipfish 9. Wget 10. Cmsexplorer 11. Joomscan 12. Backtrack , Kali 13. Openssl 14. Dirbuster 15. Wireshark 16. Parosproxy	17. Httprint 18. Curl 19. Tcpdump 20. Fimap 21. SwfScan 22. Hydra 23. John the Ripper 24. Ssltest 25. Sslstrip 26. Cain and Abel 27. Brutus 28. Airmon -ng 29. Hping 30. Scapy 31. Loki 32. wsfuzzer	1. Acunetix 2. Burpsuite Professional 3. Nessus 4. Netsparker 5. Nexpose 6. IBM AppScan	- WebSAFE

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

*Information as provided by **C-DAC** on **24.11.2016**

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

S. No.	Name of Employee	Duration with *C-DAC since*	Experience in Information Security	Qualifications related to Information security
1	Murthy.Ch.A.S	May, 1999	11+	• ISMS LA • SANS - GAWN • SANS - GXPN • CERT-CC Certified Incident Handling, Forensics Analysis and Network Security in CMU, USA
2	Eswari PRL	Feb 2000	11+	• CERT-CC Certified Incident Handling, Forensics Analysis and Network Security in CMU, USA • GREM
3	Indraveni.K	July 2005	10+	• SANS GWAPT • SANS Advanced Web Application Penetration Testing and ethical hacking
4	Himanshu.P	Sept 2006	07+	• SANS GREM
5	Ravi Kishore Koppuravuri	Mar-2008	7	• GIAC Web Application Penetration Tester (GWAPT) from SANS
6	Tatikayala Sai Gopal	Feb 2007	8.6	• GIAC Security Essentials (GSEC)
7	C Sireesha	Feb-2007	8	• GIAC Certified Web Application Defender (GWEB)
8	Jyostna G	Mar 2006	9	• GMOB
9	Mahesh Patil	Aug-04	8	• GREM, ECSA, CEH7
10	Sandeep Romana	Sep-2007	8	• CISSP
11	Naushed Tyeb	Oct 2008	05+	• CCNA • ECSA
12	Nandeeshwar B	Oct 2008	05+	• CEH , EC-Council • ECSA
13	Titto Thomas	Sept 2015	0.6	• CEH , EC-Council • ECSA
14	Mallesh	May, 1999	2	• EC Council Security Analyst
15	Atiya Fatima	Feb 2000	1.5	• EC Council Security Analyst • CEH, EC-Council
16	Vamsi Krishna	Mar-2008	1.5	• EC Council Security Analyst
17	Raghuvaran	Feb 2007	1.5	• EC Council Security Analyst
18	I L N Rao	Feb-2015	1.5	• EC Council Security Analyst
19	Rahul Kumar	Aug 2011	5	• EC Council Security Analyst
20	Sandeep Chaparla	Jan 2014	3	• EC Council Security Analyst

M/s Xiarch Solutions Pvt Ltd

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

    Xiarch Solutions Pvt. Ltd
    352, 2nd floor, Tarun, Opp Kali Mata Mandir, Outer Ring Road,
    Pitampura, New Delhi 110034
    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   :   Yes
    - Cyber Forensics investigations   :   Yes
    - Web-application security audit   :   Yes
    - Wireless security audit   :   Yes
    - Compliance audits (ISO 27001, PCI, etc.) :   Yes

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

Govt.	:	2+
PSU	:	*1+*
Private	:	*7+*
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	:	5+
Web-application security audit	:	7+
Wireless security audit	:	1+
Compliance audits (ISO 27001, PCI, etc.)	:	2+
Cyber forensics Investigations	:	4+
PCI Consulting	:	1+

6. Technical manpower deployed for information security audits :

CISSPs	:	2
BS7799 / ISO27001 Las	:	1
CISAs	:	1
DISAs / ISAs	:	0
Any other information security qualification	:	*2*
Total Nos. of Technical Personnel	:	7+

7. Updated 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	Experience in Information Security	Qualifications related to Information security
1.	Utsav Mittal	6 years	9+ years	CISSP, CEH, MS Infosec Purdue Univ, USA
2.	Ashish Chandra	1 Years	1+ year	CISE, BSC (IT) , GNIIT, MCA (pursuing)
3.	Vidushi	1.5 years	1.5+ years	BTech, CISE
4.	Kritika	2 years	1+ years	Btech, CISE
5.	Alekh Mittal	2 years	2+ years	Btech, CISE

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

- Vulnerability Management for the Largest KPO firm in the world, scope included VA, PT of over 500 servers, 5000 desktops and over 200 network devices, 10+ web application. Location encompassed US, Australia, India and UK

- Managing complete IS and compliance service for one of the first and largest NBFC in india, work included PCI audit, CMMI, ISO 27001, Vulnerability assessment, web app security, network and wifi security, log management, SIEM and DLP implementation

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

- Nmap , Superscan
- Backtrack kali linux Live CD,
- Encase, FTK, Pro discover etc.
- Custom Scripts and tools.
- Metasploit Framework, Netcat , BeEf
- Wireshark – Packet Analyser
- Cisco Netwitness.
- Tenable Nessus
- Rapid7 Nexpose community edition
- Burpsuite
- SQL Map
- Tamper Data
- Directory Buster
- Nikto
- Ettercap
- Paros Proxy
- Webscarab
- Brutus

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 Xiarch Solutions Pvt. Ltd on 23/6/2014

M/s RSM Astute Consulting Pvt. Ltd.

1. Name & location of the empanelled Information Security Auditing Organization:
    RSM Astute Consulting Pvt. Ltd.

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, PCI, SOX, etc.) (Y/N)	:	Yes
IT General Controls	:	Yes
Vulnerability assessment & Penetration test	:	Yes
IT infrastructure audit	:	Yes
Application Pre & Post Implementation Reviews	:	Yes

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

Govt.	:	0
PSU	:	0
Private	:	29
Total Nos. of Information Security Audits done	:	29

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

Network security audit	0
Web-application security audit	1
Wireless security audit	0
Compliance audits (ISO 27001, PCI, etc.)	5
IT General Controls	13
Vulnerability Assessment & Penetration Testing	2
IT Infrastructure Audit	2
Review of Applications Implementation (Both Pre & Post Implementation)	6

6. Technical manpower deployed for information security audits :

CISSPs	:	1
BS7799 / ISO27001 LA	:	2
CISAs	:	3
DISAs / ISAs	:	1
CEH	:	3
CCNA	:	1
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.	Designation	Duration with *RSM Astute Consulting*	Experience in Information Security	Qualifications related to Information security
1	Director	< 1 year	15 years	Master – IT, CISA, CISP, CISSP, CIISA, SAP-Net Weaver Security Certification, IS0 22301 Lead Implementor, ESCA
2	Director	< 1 year	9 years	CISA
3	General Manager	< 1 year	5 years	CISA

4	Asst. General Manager	< 1 year	9 years	ACL Governance, Risk & Compliance certificate
5	Sr. Manager	< 1 year	12 years	Masters-Computer Management, ITIL
6	Sr. Manager	15 years	15 years	CEH, CCNA, MCSE, Diploma-IT
7	Sr. Manager	< 1 year	22 years	BCA, CISA, ISO 27001-2013, ISO 9001:2015, COBIT5:2012
8	Consultant	1 year	12 years	PGBDM-IT, ISO 27001
9	Asst. Manager	6.5 years	12 years	MBA - IT
10	Asst. Manager	2 years	< 1 year	CISA
11	Officer	< 1 year	< 1 year	CEH, ME (IT), BE (CS), RHCSA-Linux RHEL 7

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

   ➢ Review of Management Systems & Processes (Information Technology & Risk Management) for Investment Function for one of the largest Indian Private Sector General Insurance Company. The assignment scope of work covered the following:

   - Application Review
   - Security Policy & Implementation
   - Risk Management
   - Capacity Management
   - Disaster Recovery, Back-up and Contingency Planning
   - Internal Vulnerability Assessment etc.

   ➢ The assignment was performed at Mumbai with a team comprising of Information Technology Technical Experts team and Insurance Domain Functional Expert team from our BFSI Group.

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

   - Nessus Professional Burp Suite
   - Acunetix
   - Nmap
   - Wireshark Backtrack
   - Metasploit OpenSSL Winaudit NetCat
   - Nipper
   - Appscan
   - SQLmap
   - OWASPZAP
   - Fortify Static Code Analyzer.

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

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

    *Information as provided by **RSM Astute Consulting Pvt Ltd.** on **30th November 2016**.

M/s Qadit Systems & Solutions Pvt Ltd

1. Name & location of the empanelled Information Security Auditing Organization :
   Qadit Systems & Solutions Pvt Ltd, Chennai

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

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

Govt.	:	1
PSU	:	21
Private	:	86
Total Nos. of Information Security Audits done	:	108

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

Network security audit:	19
Web-application security audit:	28
Mobile-application security audit:	2
Full IT Audit:	36
Migration Audit:	1
Security Consulting:	7
Compliance audits (ISO 27001, PCI, etc.):	15

6. Technical manpower deployed for information security audits :

CISSPs	:	2
BS7799 / ISO27001 LAs	:	3
CISAs	:	6
DISAs / ISAs	:	9
Any other information security qualification	:	-
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 *Qadit Systems*	Experience in Information Security	Qualifications related to Information security
1	V. Vijayakumar	15 years	15 years	CISA, ISMS LA, ISA, CEH
2	Mahesh Balan	15 years	15 years	CISA, ISMS LA, ISA, CEH
3	Thangam Prakash	12 years	12 years	CISA, CISSP
4	N. Swameshwar	12 years	12 years	CISSP, ISA, CEH
5	Sanjay Kadel	12 years	12 years	CISA, ISA
6	R. Narayanan	12 years	12 years	CISA, CIA
7	R. Ramesh	12 years	12 years	CISA, CISM, LA, CPISI
8	B Lokaraj	6 mths	8 years	CISA
9	G. Guru	3 years	5 years	CISA

	Santhanam			

8. Specify Largest Project handled in terms of scope (in terms of volume, complexity, locations etc.) along with project value.
    Client : A project for Government of Tamilnadu
    Scope: Information System Security Audit, Developing Security Policy & Procedures, Application Software Audit
    Coverage: all municipalities across Tamilnadu
    Project Value: Rs. 27 lakhs

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

    Proprietary
    NsVulnAssessor
    Ora DBSecAssessor
    MSSQL DBSecAssessor
    Router Config security assessor scripts

    Commercial
    Tenable Nessus Professional Edition

    Open Source / Freeware

Achilles	Hydra	Owasp Mantra
Aircrack-Ng	IronWASP	Paros Proxy
BackTrack/ KaliLinux	John the Ripper	Pwdump
Brutus	Lynis	Snort
Cain and Able	Maltego	w3af
DOMTools	Metasploit Community Edition	Webinspect
Dsniff	NetCat	WebScarab
Firewalk	Netstumbler	Whisker
Hping	Nikto	Wikto
HTTPrint	Nmap	Wireshark
HTTrack	OpenVAS	

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

    *Information as provided by Qadit Systems & Solutions Pvt Ltd on **29th Nov 2016**

M/s Varutra Consulting Private Limited

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

   Varutra Consulting Private Limited
   Corporate Office:
   A-302 & A-303, Oxy Primo,Gate No. 599, Bakori Phata,
   Pune-Nagar Highway,Opp. Jain College,
   Wagholi, Pune-412207, MH, India.

2. Carrying out Information Security Audits since   : 2012

3. Date of empanelment by CERT-In:

4. 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

5. Information Security Audits carried out in last 12 Months:
   Govt.   :   <3>
   PSU   :   <>
   Private   :   <22>
   Total Nos. of Information Security Audits done   :   25

6. 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   :   <6>
   Wireless security audit   :   <2>
   Compliance audits (ISO 27001, PCI, etc.)   :   <3>
   Source Code Review   :   <5>
   Managed Security Services   :   <1>
   Cloud Security Assessment   :   <4>
   Mobile Application Security (iOS, Android, Windows)   :   <5>
   Software Product Security Testing   :   <1>

7. Technical manpower deployed for information security audits:
   CISSPs   : <1> - Appeared
   BS7799 / ISO27001 LAs   : <2>
   CISAs : <number of>
   DISAs / ISAs : <number of>
   Any other information security qualification: <7 – Certified Ethical Hackers from EC Council, 1CHFI, 1 CISP, 1 ECSA from EC-Council>
   Total Nos. of Technical Personnel   : 11

M/s Varutra Consulting Private Limited

8. 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	Mr. Kishor Sonawane	2 years 8 months	10+ years	Masters in Computer Science, Certified Ethical Hacker, ISO 27001 – Lead Auditor
2	Mr. Omkar Joshi	2 months	2 years	Bachelor in Computer Science, CEH, CHFI,CCSA, CISP and ISO 27001 Lead Auditor
3	Mr. Jeevan Dahake	1 year 10 month	2 years	BE (Computer Science), CSLLP- Appeared
4	Mr. Snehal Raut	1 year 10 month	1 year 10 months	BE (Computer Science),Certified Ethical Hacker
5	Mr. Sachin Wagh	1 year 6 months	2 years	BE (Computer Science),Certified Ethical Hacker
6	Mr. Chetan Gulhane	2 years	2 years	BE (Computer Science),Certified Ethical Hacker

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

Network and Applications (Mobile + Web) Security Assessment consisting of more than 1,200 IP addresses for network level vulnerability assessment and penetration testing, 20 web and mobile applications for MCIT (Ministry of Communications and Information Technology, Kingdom of Saudi Arabia).

Complexity: High. This was the complex project as the assessment included security testing and hacking of various types and platforms of servers such as Windows, Linux, Unix, MSSQL Databases, MySQL Databases, Oracle Databases, DB2 Databases, VOIP, Network Sniffing, Wireless Network Pentest, VLAN Hopping and Hacking , Application Security Testing for Web Applications and Mobile Application of Android, iOS and Windows platforms, Web Services , Social Engineering etc.

At present conducting source code review, threat modeling, SDLC review for 10 web and mobile applications for the same client.

10. List of Information Security Audit Tools used (commercial/ freeware/proprietary):
    Commercial Tools
    Vulnerability Assessment & Penetration Testing – Rapid 7 Nexpose, Nessus, QualysGuard, GFI Languard, etc.

    Application Security Assessment – IBM Appscan, HP WebInspect, Burpsuite, Acunetix WVS, NTOSpider, etc.

    Freeware Tools
    Vulnerability Assessment & Penetration Testing – Nessus, Nmap, OpenVAS, MBSA, Nipper, KaliLinux, BackTrack, AirCrack, Helix (Forensics) etc.

Application Security Assessment – W3af, Nikto, BurpSuite, FireBug, SQLMap, N-Stalker, WebScarab, Powerfuzzer, etc.

<u>Proprietary Tools</u>
MVD - Mobile Vulnerability Database, provides mobile operating system level vulnerabilities for Android, iOS, Blackberry and Windows platforms.

MASTS - Mobile Application Security Testing Suite: Security Testing Suite for android mobile applications.

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

Yes, NDA (Non Disclosure Agreement getting signed between the two parties before outsourcing any project to external experts.

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

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

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

*Information as provided by Varutra Consulting Private Limited on on 3rd Nov 2015

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
   Corporate Office:
   A-302 & A-303, Oxy Primo,Gate No. 599, Bakori Phata,
   Pune-Nagar Highway,Opp. Jain College,
   Wagholi, Pune-412207, MH, India.

2. Carrying out Information Security Audits since   : 2012

3. Date of empanelment by CERT-In:

4. 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

5. Information Security Audits carried out in last 12 Months:
   Govt.   :   <3>
   PSU   :   <>
    Private   :   <22>
   Total Nos. of Information Security Audits done   :   25

6. 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   :   <6>
   Wireless security audit   :   <2>
   Compliance audits (ISO 27001, PCI, etc.)   :   <3>
   Source Code Review   :   <5>
   Managed Security Services   :   <1>
   Cloud Security Assessment   :   <4>
   Mobile Application Security (iOS, Android, Windows)   :   <5>
   Software Product Security Testing   :   <1>

7. Technical manpower deployed for information security audits:
   CISSPs   : <1> - Appeared
   BS7799 / ISO27001 LAs   : <2>
   CISAs : <number of>
   DISAs / ISAs : <number of>
   Any other information security qualification: <7 – Certified Ethical Hackers from EC Council, 1CHFI, 1 CISP, 1 ECSA from EC-Council>
   Total Nos. of Technical Personnel   : 11

M/s Varutra Consulting Private Limited

8. 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	Mr. Kishor Sonawane	2 years 8 months	10+ years	Masters in Computer Science, Certified Ethical Hacker, ISO 27001 – Lead Auditor
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3	Mr. Jeevan Dahake	1 year 10 month	2 years	BE (Computer Science), CSLLP- Appeared
4	Mr. Snehal Raut	1 year 10 month	1 year 10 months	BE (Computer Science),Certified Ethical Hacker
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9. Specify Largest Project handled in terms of scope (in terms of volume, complexity, locations etc.) along with project value.

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Complexity: High. This was the complex project as the assessment included security testing and hacking of various types and platforms of servers such as Windows, Linux, Unix, MSSQL Databases, MySQL Databases, Oracle Databases, DB2 Databases, VOIP, Network Sniffing, Wireless Network Pentest, VLAN Hopping and Hacking , Application Security Testing for Web Applications and Mobile Application of Android, iOS and Windows platforms, Web Services , Social Engineering etc.

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    Application Security Assessment – IBM Appscan, HP WebInspect, Burpsuite, Acunetix WVS, NTOSpider, etc.

    Freeware Tools
    Vulnerability Assessment & Penetration Testing – Nessus, Nmap, OpenVAS, MBSA, Nipper, KaliLinux, BackTrack, AirCrack, Helix (Forensics) etc.

Application Security Assessment – W3af, Nikto, BurpSuite, FireBug, SQLMap, N-Stalker, WebScarab, Powerfuzzer, etc.

Proprietary Tools
MVD - Mobile Vulnerability Database, provides mobile operating system level vulnerabilities for Android, iOS, Blackberry and Windows platforms.

MASTS - Mobile Application Security Testing Suite: Security Testing Suite for android mobile applications.

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

Yes, NDA (Non Disclosure Agreement getting signed between the two parties before outsourcing any project to external experts.

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

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

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

*Information as provided by Varutra Consulting Private Limited on on 3rd Nov 2015

BacK

**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:

   **Cyber Security Works Pvt. Ltd
   No.3, III – Floor, E- Block, 599, Anna Salai
   Chennai – 600 006.**

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 audit   :   **Yes**

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

Govt.	:	**43**
PSU	:	**0**
Private	:	**151**
Total Nos. of Information Security Audits done	:	**194**

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

Network security audit	:	**15**
Web-application security audit	:	**178**
Wireless security audit	:	**2**
Mobile application security audit	:	**1**
Compliance audits (ISO 27001, PCI, etc.)	:	**1**

6. Technical manpower deployed for information security audits:

CISSPs	:	**1**
BS7799 / ISO27001 LAs	:	**4**
CISAs	:	**1**
DISAs / ISAs	:	**0**
Any other information security qualification	:	**4**
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 CSW	Experience in Information Security	Qualifications related to Information security
1.	Sridhar Krishnamurthi	7.6 years	17.6 years	CISA, CISSP, ISO Lead Auditor
2.	Ravi Pandey	5.3 years	6.4 years	B. Tech, ISO Lead Auditor
3.	Ramesh Gunnam	4.5 years	4.5 years	ISO Lead Auditor
4.	Arjun Basnet	2.10 Years	2.10 years	BCA, CEH
5.	Sathish Kumar	2.9 Years	2.9 Years	B.E, CEH
6.	Vengatesh Nagarajan	2.5 Years	2.5 Years	B. Tech, CCNA, CCNA Security
7.	Raghunadha Reddy Poli	1.7 Years	1.7 Years	MCA, CEH
8.	Satya Suvarna Bonthala	1.3 Years	1.3 Years	MCA
9.	Maheswari Dereddy	1.3 Years	1.3 Years	MCA

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 Review, Internal and External Vulnerability Assessment and Penetration Testing, Security Configuration Review, Physical Security Review, Application Penetration Testing, Risk Assessment, Polices and Procedures Review.

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

Commercial Tools
Acunetix
Nessus
Nexpose
Burp Suite Pro

Proprietary
Risk sense - Vulnerability management tool for Network infrastructure and web application.
Vapsploit - Data mining tool for Network infrastructure assessment.

Freeware Tools:

Nmap
Netcat
Snmp Walk
Metasploit
Kali Linux
Santoku
Paros
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.)

 *Information as provided by **Cyber Security Works Pvt. Ltd** on **28.11.2016**

Back

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

M/s Deccan Infotech Pvt. Ltd.

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

   DECCAN INFOTECH (P) LTD
   NO.13A, JAKKASANDRA BLOCK.
   7THCROSS. KORAMANGALA
   BENGALURU - 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**

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

   Govt. : *<03>*
   PSU : *<07>*
   Private : *<90>*
   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 : **<30>**
   Web-application security audit : **<50>**
   Wireless security audit : **<10>**
   Compliance audits (ISO 27001, PCI, etc.) : **<05>**

6. Technical manpower deployed for informationsecurity audits :

   CISSPs : *<00>*
   BS7799 / ISO27001 LAs : *<10>*
   CISAs : *<05>*
   DISAs / ISAs : *<00>*
   Any other information security qualification:
   CEH, CHFI, CFE, M.Tech (Information Security), MCSP, CISM, CRISC, C|CISO
   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 *DIPL*	Experience in Information Security	Qualifications related to Information security
1.	Dilip Hariharan	21	21 years	CRISC, CISM, CISA, C|CISO, CEH, CHFI, CFE, BS 7799 Lead Auditor, BS 7799 Implementer
2.	Karthik V	4	5 years	M.Tech (Information Security, CEH, MCP)
3.	Raja H	4	4 years	ISO 27001 LA, Software testing,

4.	Venkata Ramana Gudluru	2	7 years	ISO 27001 Lead implementer
5.	Ramanan G	2	02 years	ISO 27001 Lead implementer,
6.	Sowrirajan K	3	10+ years	CEH, MS (Cyber Law & Information Security)

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

- Network Security Audit (VAPT) and Audit of Web applications and devices of a major Insurance company for Rs. 1+ crores.
- Consultancy for ISO 27001:2013 for a US based Platform Services company for over 75 Lakhs
- Consultancy for ISO 27001:2013 for a private Sector Bank in India for over 50 Lakhs

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

1. Burp Suite
2. NMAP
3. Hping3
4. John The Ripper
5. NetCat
6. PW DUMP
7. WireShark
8. OWASP ZAP
9. KALI Linux
10. Rapid7
11. Acunetix
12. TCP Dump
13. Nessus
14. Brutus
15. Metasploit
16. Mozilla Tools for web app audits
17. Fiddler
18. Dir buster
19. Nipper
20. Nikto
21. W3AF
22. SQL tools

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

 *Information as provided by <**Deccan Infotech (P) Ltd** > on <**07-02-2017**>

Back

M/s Security Brigade InfoSec Pvt. Ltd.

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

   Security Brigade InfoSec Private Limited

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**

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

   Govt.   :   *20+*
   PSU   :   **2+**
   Private   :
   1000+
   Total Nos. of Information Security Audits done   :
   1022+

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   :   **700+**
   Wireless security audit   :   **15+**
   Compliance audits (ISO 27001, PCI, etc.)   :   **7+**

6. Technical manpower deployed for information security audits :

   CISSPs   :   *2+*
   BS7799 / ISO27001 LAs   :   *2+*
   CISAs   :   *2+*
   DISAs / ISAs   :   **-**
   Any other information security qualification   :   *20+*
   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 *<organization>*	Experience in Information Security	Qualifications related to Information security
1.	YK	10	15	ECCPT
2.	CJ	6	6	ECCPT
3.	YS	8	10	ECCPT, ISMS LA, CEH, CISSP
4.	SZ	8	10	ECCPT, ISMS LA, CEH, CISSP
5.	SJ	4	6	ECCPT, OSCP
6.	AG	2	6	ECCPT

7.	MF	2	3	ECCPT

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

200+ Audits, Combination of Network Security, Application Security, Mobile Application Security, Risk Assessments, Pan-India + 5 Global Locations, 1 Crore+

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

Information Gathering

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

Port Scanning

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

Application Security Assessment

- In-House webSpider
- In-House webDiscovery
- In-House webTester
- Achilles
- Sandcat
- Pixy
- W3af
- Nikto
- Paros
- … and 100 other tools

Threat Profiling & Risk Identification

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

Network & System Vulnerability Assessment

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

Exploitation

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

Social Engineering

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

Privilege Escalation

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

Commercial Tools

- Nessus Commercial
- Burp Suite

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

 *Information as provided by **Security Brigade InfoSec Private Limited** on **6/12/2016**

Back

M/s Payatu Technologies Pvt Ltd.

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

    **Payatu Technologies Pvt Ltd,
    502 Tej House, 5 MG Road, Camp, Pune - 411001**

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

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)
    - Mobile Application Audit
    - IoT (Internet of Things) product security audit :
    - ICS/SCADA security audit :
    - Cloud Infrastructure security audit :
    - Crypto Implementation security audit :
    - Code Review :

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

Govt.	:	*0*
PSU	:	*2*
Private	:	*20+*
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	:	**5+**
Web-application security audit	:	**20+**
Wireless security audit	:	**3**
Mobile Application Audit	:	20+
IoT (Internet of Things) product security audit	:	5+
Code Review	:	10+

6. Technical manpower deployed for information security audits :

SANS GWAPT	:	*1*
OPSE	:	1
CEH	:	10
ECSA	:	*1*
ITIL	:	*1*
Any other information security qualification	:	-
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

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

Greenfield security implementation and Infrastructure security audit for one of the NGO. We architected & implemented a complete security program encompassing infrastructure, operations, security response ability and competency development to make the Organization skilled enough to sustain and address the future security needs. Project value USD 150000.

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 securify
8. Burp suite professional
9. Paros Proxy
10. SOAPUI

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

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

 *Information as provided by Payatu Technologies Pvt Ltd on 08-February-2017

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

M/s Suma Soft Pvt. Ltd.

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

    Suma Soft Pvt. Ltd.
    "Suma Center", 2nd Floor,
    Opp. Himali Society, Erandawane,
    Pune, Maharashtra – 411 004.
    Tel: +91- 20 - 40130700, +91- 20 - 40130400
    Fax: +91- 20 - 25438108

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
    - Web Application Penetration Testing   :   Yes
    - Network Penetration Testing   :   Yes
    - Wireless Security Audit   :   Yes
    - Compliance Audits (ISO 27001, PCI, BCMS, SOX etc.)   :   Yes
    - Compliance - IT Audits
       (Based on guidelines issued by RBI, IRDA, SEBI, Stock Exchanges)   :   Yes
    - Digital Forensic Investigations   :   Yes

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

    Govt.   :   13
    PSU   :   1
    Private   :   2
    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   :   3
    Web-application security audit   :   14
    Web Site Security audit   :   15
    Wireless security audit   :   0
    Compliance audits (ISO 27001, PCI, etc.)   :   3

6. Technical manpower deployed for information security audits :

    CISSPs   :   -
    BS7799 / ISO27001 LAs   :   3
    CISAs   :   4
    CEH   :   2
    CEH, ECSA   :   2
    DISAs / ISAs   :   1
    Any other information security qualification:
    CCSE, CCI, ACE, ITIL, RHCE, CCNA, MCP, OCP,
    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 Suma Soft	Experience in Information Security	Qualifications related to Information security
1.	Surendra Brahme	16	14	FCA,CISA,DISA
2.	C Manivannan	16	14	CISA

3.	Milind Dharmadhikari	4.6	12	CISA, ACE, CCNA,CSQP
4.	Anil Waychal	15	11	CISA,ISO27001LA,ITIL,RHCE,Sun Solaris
5	Sumit Ingole	3	4	CEH, ECSA, IBM Certified Specialist - Rational AppScan
6	Narendra Bhati	3	4	CEH
7	Praveen Gauttam	1	1	CEH, ECSA
8	Varun Mehata	.1	.1	CEH
9	Kalidas Yenpure	5	4	MCP
10	Santosh Harne	4	3	RHCE, MCP
11	Rameshwar Wadghane	3	2	CCNA, CCNP
12	Manik Mhangare	5		RHCE
13	Mayur Bhagwan Shirsath	1	0.5	CCNA
14	Pankaj Shripati Chaugule	1	0.5	CCNA
15	Chirag Singhal	1	0.5	CCNA
16	Shrikan Bhadkwan	1	0.5	CCNA

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

❖ Client: **Gujarat Informatics Ltd**.
Type of Audit: Security Audit of 450 websites and 12 applications hosted in State Data Center
Scope of Work: The scope of our audit included review of following areas –

- Conduct Vulnerability Assessment and Penetration Testing
- 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.
- Discussion with the developers on vulnerabilities identified and suggesting remediation in the source code
- 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: 450+ Websites, 10+ Web applications
Contract value – Cannot disclose due to confidentiality

❖ Client: **Export Credit Guarantee Corporation (ECGC) of India**
Type of Audit: IS Audit
Scope of Work: The scope of our audit included review of following areas –

- IT Policy and its implementation
- Application Management – Development & Maintenance, Logical Security and System Controls
- IT Infrastructure Management
- Database Review
- Backup and recovery practices
- Network Review
- IT Asset Management
- Physical Security & Environmental Controls

IT Environment: 36 Servers, 2 Firewalls, 4 routers, 150 ISDN modems, Application portal with more than 10 modules

Contract value – Cannot disclose due to confidentiality

❖ Client: **GIC of India (GIC Re)**

Type of Audit: IT Security Audit & IPv6 Compliance Audit
Scope of Work: The scope of our audit included review of following areas –
- Review of existing IT Policies and Procedures
- DC Infrastructure & Network, Software License compliance
- DR Site Visit
- Applications
- LAN Infrastructure (GIC HO)
- Security Infrastructure
- Security Incidences
- Risk Assessment
- Vulnerability Assessment / Penetration Test and Desktop Security Scanning
- Formulation of BRP/DRP framework
- Preparation of Statement of Applicability
- Formulation of IT Security Policy
- Training & Awareness
- IP v6 Compliance Audit

IT Environment: 40+ Servers, 6 Firewalls, 3 routers, 16 Edge Switches, 10 Distribution Switches, 2 Core Switches, 2 SAN Switches, 4 Business Applications, 500+ Desktops, 100 Laptops

Contract value – Cannot disclose due to confidentiality

❖ **Client: Kolhapur Municipal Corporation (KMC)**
Type of Audit: IS Audit, Network Audit and Web Application Audit
Scope of Work: The scope of our audit included review of following areas –

- Review of existing IT Policies and Procedures
- DC Infrastructure & Network, Software License compliance
- DR Site Visit
- Applications
- LAN Infrastructure (KMC)
- Security Infrastructure
- Risk Assessment
- Vulnerability Assessment / Penetration Test and Desktop Security Scanning
- Conduct Vulnerability Assessment and Penetration Testing
- 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.
- Discussion with the developers on vulnerabilities identified and suggesting remediation in the source code
- 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: 12 Servers, 4 Firewalls, 10 routers, 100 modems, 350+ IP address, Application portal with more than 36 modules

Contract value – Cannot disclose due to confidentiality

❖ **Client: Principal Controller of Defence Accounts (PCDAO)**
Type of Audit: IS Audit, Network Audit and Web Application Audit
Scope of Work: The scope of our audit included review of following areas –

- Review of existing IT Policies and Procedures

- DC Infrastructure & Network, Software License compliance
- Applications
- LAN Infrastructure (KMC)
- Security Infrastructure
- Risk Assessment
- Vulnerability Assessment / Penetration Test and Desktop Security Scanning

- Conduct Vulnerability Assessment and Penetration Testing
- 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.
- Discussion with the developers on vulnerabilities identified and suggesting remediation in the source code
- 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: 8 Servers, 1 Firewalls, 4 routers, 250+ IP address, Application portal with more than 10 modules

Contract value – Cannot disclose due to confidentiality

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

Commercial

- IBM AppScan
- Burp Suite Pro
- Nessus
- Acunetix
- Netsparker

Freeware

- Kali Linux
- Metasploit
- Sqlmap

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

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.

*Information as provided by **Suma Soft Pvt. Ltd**. on **24-November-2016**

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

M/s AGC Network

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

> AGC Network,
> 2nd Floor, Equinox Business Park,
> Tower 1, (Peninsula Techno Park)
> Off Bandra Kurla Complex, LBS Marg
> Kurla (West) Mumbai — 400070.

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

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

> Govt.   :   1
> PSU   :   1
> Private   :   6
> 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   :   -
> Web-application security audit   :   8
> Wireless security audit   :   -
> Compliance audits (ISO 27001, PCI, etc.)   :   8

6. Technical manpower deployed for information security audits :

> CISSPs   :   -
> BS7799 / ISO27001 LAs   :   10
> CISAs   :   3
> DISAs / ISAs   :   --
> Any other information security qualification -CEH   :   10
> 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 Organization	Experience in Information Security	Qualifications related to Information security
1	Atul Khatavkar	7 Years	23 Years	CISA, CRISC
2	Prashant Ketkar	7 Years	18 Years	ECSA, CEH, ISO27001LA
3	Sachin Ratnakar	7 Years	18 Years	CISA,ISO27001LA,BS2599LA
4	Kris Coutinho	6 Years	6 Years	CISM
5	Shivkumar Singh	10 months	4 Years	CCNA, CEH, McAfee SIEM
6	Satya Narayan Yadav	1.6 months	6 Years	CCNA, McAfee SIEM
7	Arnold Antony	11 months	2.11 years	OSCP, CEH
8	Aakanksha Deo	1.8 Years	1.8 Years	CEH

9	Imdadullah M	1.0 Years	4 years	
10	Delmin Davis	1.8 years	3.8 years	CCNA, CEH
11	Kamlakar Kadam	1.8 Years	1.8 Years	Solarwind CP
12	Sunil Sahu	1.8 Years	1.8 Years	
13	Sandip Bobade	11 months	1.11 years	
14	Satyajeet Darjee	3 months	3.6 years	
15	Sadanand Jadhav	4 months	2 Years	
16	Omkar Patil	1 month	2.5 Years	CEH, Qualys
17	Aniruddha Gurav	4 months	4 months	CEH
18	Ganesh Patil	4 months	4 months	CEH
19	Priyanka Malusare	3 months	3 months	CEH
20	Harsh Shah	3 months	3 months	CEH
21	Faisal Shaikh	3 months	3 months	CEH
22	Reena Bhoyar	2 months	2 months	

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

I & M Bank - US$ 50000 – 2 locations – SIEM Implementation

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

Accunetix WAS, Qualys Guard,Nessus, Kali Linux/Backtrack Suite

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

*Information as provided by **AGC Network** on **27/03/2017**

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

M/s iSec Services Pvt. Ltd

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

      iSec Services Pvt. Ltd.
      607-608, Reliable Business Center,
      Anand Nagar Jogeshwari (W),
      Mumbai 400102, INDIA
      email: contactus@isec.co.in

2. Carrying out Information Security Audits since   :   2001

3. Date of empanelment by CERT-In   :

4. 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)

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

      Govt.   :   <15>
      PSU   :   <2>
      Private   :   <19>
      Total Nos. of Information Security Audits done   :   36

6. 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   :   <15>
      Wireless security audit   :   <7>
      Compliance audits (ISO 27001, PCI, etc.)   :   <11>

7. Technical manpower deployed for information security audits :

      BS7799 / ISO27001 LAs   :   <3 >
      Any other information security qualification   :   <3>
      Total Nos. of Technical Personnel   :   6

8. 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	Mayur Khole	>4 years	>4 years	ISO LA 27001:2013
2	Naman Chaturvedi	>4 years	>4 years	ISO LA 27001:2013
3	Anil Patil	1 month	>3 Years	CEH v8.0
4	Deepak D.R.	>2.5 years	>2.5 Years	CEH v7.0
5	Jyoti Shankar Singh	>5 years	>5 years	ISO LA 27001:2013
6	Krapesh Bhatt	2 months	>3 years	PGDM Cyber Security

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

Client Name: Syntel Ltd.

Locations covered: Mumbai (2 locations), Pune (2 locations), Chennai (2 locations) and Gurgaon (1 location)

Scope: ISMS Compliance Audits on daily basis for a year, Handling U.S. Clients audits at locations, imparting training sessions to employees in reference to Information Security at regular Intervals, Doing Risk Assessment at annual basis, Transition done from ISO 27001:2005 to ISO 27001:2013, DR and BCP drills for each account.

Manpower Deployed   : 3 resources (one each at Mumbai Chennai and Pune).

Project Value: INR 50 lacs.
10. List of Information Security Audit Tools used (commercial/ freeware/proprietary):

Commercial:
- Burp Suite Pro

Freeware:
- Nmap
- Nikto
- Metasploit
- OpenVas
- Wireshark
- Crowbar
- Nessus
- Webscarab
- Paros
- Wapiti
- Nemesis
- NetCat
- Brutus
- GrendeIscan
- Havij
- Hydra
- Httprint
- Hydra
- W3af

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

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

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

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

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

*Information as provided **by iSec Services Pvt. Ltd.** on **23/3/2017**

M/s KPMG

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

    KPMG,
    DLF Building No. 10,
    8th Floor, Tower B
    DLF Cyber City, Phase 2
    Gurgaon 122002

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**

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

    Govt.   :   **20**
    PSU   :   **15**
    Private   :   **40**
    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   :   **50+**
    Web-application security audit   :   **60+**
    Wireless security audit   :   **20+**
    Compliance audits (ISO 27001, PCI, etc.)   :   **30+**

6. Technical manpower deployed for informationsecurity audits :

    CISSPs   :   6
    BS7799 / ISO27001 LAs   :   40+
    CISA / CISMs   :   40+
    CEH/OSCP   :   **35**
    CCSK/OSCP   :   **5**
    CCNA / CCNP/CCIE   :   **10**
    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 *KPMG>*	Experience in Information Security	Qualifications related to Information security
1	Sony Anthony	15yrs	21yrs	ISO 27001, ISO 22301, ISO 20000
2	Manish Tembhurkar	3yrs	14yrs	CEH, CCNA, CISA, ISO 22301
3	Kedar Telavane	8yrs	10yrs	CISM, CISSP, CCNA, SNPA,JMCIA,ISO 27001, ISO 22301,DSCI- LA
4	Urmimala	7yrs	10yrs	CEH, ISMS-27001:2013, ITIL,

	Dasgupta			QualysGuard
5	Anupama Atluri	6yrs	10yrs	CEH, CCSK, ISO Lead Implementer, IBM Certified Pen tester
6	Aditya Tawde	2yrs	9yrs	ISO 27001, DSCI -LA
7	Jayant Singh	7yrs	8yrs	CEH, ISMS 27001
8	Ramit Gupta	5yrs	8yrs	CEH, ISMS-27001:2013, ITIL
9	Ragini Gupta	1yrs	4yrs	CEH
10	Abhishek Dashora	2yrs	4yrs	CEH, CCSK

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

- **Telecom security testing –** Multi-year engagement to support client in its security initiatives which include Security testing of core telecom network nodes like MSC, IN, SGSN, GGSN, VAS systems etc, network architecture review, application security testing, vulnerability assessment and development of baseline security standards. The engagement spread across all the circles within the country covering remote locations.

- **Largest public sector bank in India**- The scope of work include to perform periodic vulnerability assessment and penetration testing, application security testing, secure code review, mobile app security testing, Internet banking and core banking application security tests. KPMG performed security review of network architecture for bank's data centers, local networks and international branch networks. As part of assessment, KPMG also reviewed security policy and procedures of the bank and its implementation. KPMG was also a part of it's Digital Banking initiative where KPMG had performed pre-launch security assessment of entire setup.

- **Security audit for highway authority**: The engagement is to conduct detailed As-IS study of existing security controls implemented on network, application and infrastructure and submit a detailed report to the organization. Post As-IS assessment KPMG conducted a comprehensive security audit of network, application, endpoints, database, external website and e-tendering portal.

- **Security audit for nationalized bank:** Multi-year engagement with a leading bank to conduct quarterly security audit of 100 application security tests, vulnerability assessment on more than 600+ IP address, external penetration test, Denial of service assessment, IT DR review and review of policy and process. The value of engagement is more than INR 50Lakhs.

- **Security operations center for public sector bank:**KPMG assisted 9 banks to assess the security requirement in each of the banks and help in selection of technologies and security integrator. KPMG is also assisting a few banks in design and implement the technologies such as SIEM, PIM, DAM, WAF, VAS, Anti-APT, DLP etc.Logs from various security devices as routers, switches, firewalls, etc. are fed to the SIEM along with the logs from other monitoring tools. KPMG has also helped the Banks build use cases for each of the technologies and implement the same.

- **Large IT/ITES Company:** KPMG conducted Cyber maturity assessment for the organization spread across multiple countries followed by road-map for implementation of security control. KPMG also performed security architecture review, cyber drills, phishing assessment, Senior management trainings, development of cyber response and incident management framework, Value of engagement was more than INR one crore.

- **Leading intellectual property management and Technology Company:** KPMG has been appointed to provide cyber security services which include cyber security transformation projects, governance & sustenance and security testing services. KPMG is to conduct cyber security maturity assessment, program governance for implementation security controls and security testing for critical on-premises and cloud based applications

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
- **Freeware**
  - BackTrack,
  - Kali Linux,
  - Fiddler,
  - Paros,
  - SQLMap,
  - nmap,
  - Wireshark

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

*Information as provided by KPMG on 21st Mar 2017

Back

M/s Mahindra Special Services Group

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

    **Mahindra Special Services Group(A Division Of Mahindra Defence Systems
    Limited), 212, 2nd Floor, Rectangle One,
    Commercial Complex D4,
    Saket, New Delhi-110017**

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

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

Govt.	:	**60**
PSU	:	**7**
Private	:	**83**
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	:	60
Web-application security audit	:	**100**
Wireless security audit	:	**30**
Compliance audits (ISO 27001, PCI, etc.)	:	**15**

6. Technical manpower deployed for informationsecurity audits :

CISSPs	:	1
BS7799 / ISO27001 LAs	:	**47**
CISAs	:	**4**
DISAs / ISAs	:	2
Any other information security qualification:**CEH/CFE/CAMS-**	:	**18**
Total Nos. of Technical Personnel	:	113

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	9	14	MS (Cyber Law & Information Security);B. Tech. (Electrical Engg.);L.L.B., ISO 27001 LA, ISO 22301 LA, ISO 27001 LI,CISA

No.	Name			Qualifications
2.	Chandrika Putrevu	7	7.5	B.E.(IT), ISO 27001 LA
3.	FarzanaArakkal	6.5	7.5	B E (Computer Science), ISO 27001 LA
4.	Vaibhav Pulekar	6.4	9.7	BE (Computer Science), ISO27001
5.	Anil Govindu	5.2	14.2	B Sc.(Physics), ISO 27001
6.	Pankaj Patil	4.10	15.20	BHMS, OSCP, ISO 22301 LA
7.	ChiragaliPeerzada	3.5	8.5	ISO 27001 LA, CCNA, ISO 22301 LI
8.	NeerajRathi	3.5	18.5	ISO 27001 LA, ISO 22301 LI
9.	Anushree Desai	3	3	BSc(IT), ISO 27001LA, ISO 22301 LI
10	Daniel Joseph	2.5	3.5	M Sc(IT), RHCSA and DFI by Data 64, OSCP
11.	Manish Pandey	2.5	3.5	B.Tech, CEH
12.	Santosh Lala	2.5	16.5	MBA, ISO 22301, ISO 27001
13.	Uday Kiran	2.5	4.5	M.Tech (Computer Sci), B. Tech (Computer Sci), CEH; ISO 27001:2013 LA
14.	Mousam Khatri	2	2.76	M.Sc. (Cyber Law & Information Security), B.E. (IT), ISO 27001 LA
15.	Suresh Mishra	2	16	MBA, ISO 27001 LA
16.	Pradeep Lavhale	2	11	MBA, ISO27001

17	Suman Ganguly	2	18	MBA, BE, ISO 27001 LA, ISO 22301 LA,
18	Mihir Shukla	1.5	4.5	B.Sc. (Hons.) Computer Security & Forensic: University of Bedfordshire, UK, CEH, RHCSA, ISO 27001 LA
19	Sachit Bhatia	1.5	2	MBA(IT), CEH, OSCP
20	Dheeraj Gupta	1.5	2.5	B Sc(T), ISO 27001LA, ISO 27001 Li, ISO 22301 LA
21	K Harisaiprasad	1.5	9.5	MS, BE, ISO 27001, CISA (Pending)
22	Nair Ashish Ravindran	1.5	3.5	B Sc (IT), ISO 27001 LA
23	Thakur Chandan Kumar	1.5	1.5	B E (Computers), ISO 27001 LA
24	Yadav Mayank Kumar	1.5	1.5	BE, ISO 27001 LA, ISO 27001 LI
25	KhanolkarAkshayUday	1	2.5	B Sc(IT), ISO 27001LA
26	SubirKochar	1	1	MSc, BE, ISO 27001 LA, ISO 22301, PCI DSS, ITIL
27	Pankaj Tiwari	1	5	MBA, MSc, MCA, CEH
28	Muktanand Kale	1	2.5	B E, CEH
29	Varinder Kumar	1	17	B Sc, CISA, CIA, ISO 27001 LA, ITIL
30	RuchitaDaund	1	3.5	BSC, CEH, ISO 27001 LA
31	Abhishek Srivastava	1	3	B E(Computer Sci), CEH, ISO 27001 LA
32	SanketKakde	1	3.5	BE, CEH, ISO 27001LA

33	Alok Mishra	1	5	MSc, BSc, CEH, ISO 27001 LA
34	PrabudhAyush	1	3	MCA, B Sc, ISO 27001 LA, ISO 27001 Li
35	Navin Kumar Pandey	1	3.5	MCA, BCA, ITII, ISO 27001 LA
36	Archana Vinod Baisane	1	8.5	B E, ISO 27001 LA, ISO 22301 LA, ISO 27001 Li
37	Newton Robin Pereira	1	4	B Sc, CEH, CCNA
38	SonaliRaje	1	3.5	B Tech, ISO 27001 LA
39	C R Vishnukumar	1	8.5	B Tech, ISo 27001 LA, ITIL
40	Manojit Nath	1	2	B Tech, ISO 27001 LA
41	Praful Mathur	1	5.5	MBA, ISO 27001 LA
42	Deepak Pandita	1	1.5	Btech, CEH
43	Shweta Rai	1	4.5	B Sc, ISO 27001 LA, ISO 22301LA
44	Neha Narang	1	5.5	B Tech, ISO 27001 LA, ITIL
45	Irfan Khan	1	10.5	MBA, BTech, ISO 27001 LA
46	Dinesh Usnale	1	3.5	M Sc, BSc, CEH
47	Manoj Singh	1	12.5	MCA, Bsc, ISO 27001 LA,
48	MitaNaik	1	14	BCA, DCPLA (DSCI Certified Professional Lead Auditor) ,ISO 270001 LI-LA Certified, CEH v8 certified, pursuing CISSP, CCNA ,CCIP Certified, ITIL V3 Foundation & Service Strategy certified.

| 49 | Sameer Goyal | 1 | 2.5 | B. Tech, CEH |
| 50 | Parth Srivastava | 1 | 1.5 | B.Tech,CEH, CCNA |

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

      8.1.   Central Bank Of India- Consulting For ISO 27001 implementation.
      8.2.   Allahabad Bank- IS Audit and VA PT for application and network infrastructure
      8.3.   Bajaj Finserv- Consulting for ISO 27001
      8.4.   Airport Authority Of India- Consulting for ISO 27001 , IS Audit, VA PT (Network and application)
      8.5.   ICICI Bank- VAPT For Network and applications
      8.6.   Union Bank- Consulting For ISO 27001 and ISO 22301

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

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

   (If yes, kindly indicate mode of arrangement (MoU, contract etc.))

 *Information as provided by   Mahindra Special Services Group (A Division Of Mahindra Defence Systems Limited) on 24th March 2017

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

M/s Cigtial Asia Pvt Ltd

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

    Cigtial Asia Pvt Ltd,
    Bangalore 560029

2. Carrying out Information Security Audits since   :   **2004**

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.)   :   **(N)**

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

Govt	:	**6**
PSU	:	0
Private	:	**2110**
Total Nos. of Information Security Audits done	:	**Around 2000**

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

Network security audit	:	**35**
Web-application security audit	:	About **2081**
Wireless security audit	:	**0**
Compliance audits (ISO 27001, PCI, etc.)	:	**0**

6. Technical manpower deployed for informationsecurity audits:

CISSPs	:	**0**
BS7799 / ISO27001 LAs	:	**0**
CISAs	:	**0**
DISAs / ISAs	:	**0**
Any other information security qualification:		***OSCP, CEH, Internal Certifications***
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 *Cigital*	Experience in Information Security	Qualifications related to Information security
1	Somnath Neogi Guha	> 10 Years	>12 Years	CEH, OSCP
2	Yamel Patel	> 2 Years	> 2 Years	CEH, OSCP
3	Anupam Sain	> 10 Years	>10 Years	CEH
4	Sourav Bhadra	> 8 Years	>8 Years	CEH
5	Darshan V	> 3 Years	>1 Year	CEH
6	Jeevan Kumar	> 2 Years	>2 Years	CEH
7	Pravat Sahoo	> 1 Year	>1 Year	CEH
8	Siddharth Bavisker	> 2 Years	> 2 Years	CEH

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

Customer	Volume	Complexity	Location	Approximate Project Value
One of the largest Private bank in India	Mobile applications	Critical business Applications	Onsite Mumbai, Bangalore and Remote (from Bangalore)	INR 4.5Mn
One of the Government Autonomous organizations India	Instructor led trainings	On selected technologies	New Delhi	INR 600K
One of the Insurance companies in India	Red Teaming, consulting, mobile and web application assessments	Complex business applications and red teaming assignments	Onsite and remote locations in Bangalore	INR 2.5MN
One of the Software products company based in Bangalore	Web Applications, Architecture risk analysis and Advanced Pen testing	High complex business applications	Onsite at client location in Bangalore	INR 6.5MN
One of the Global IT Services and Support company focused on Financial Services market	Network Testing	Internal and external	Remote location in Bangalore	INR 1.5MN

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

    1. IBM App Scan
    2. Burp Suit Pro
    3. SSLizer
    4. Nessus
    5. N Map
    6. Wire shark
    7. TCP Dump
    8. IGT
    9. WinSCP
    10. Drozer
    11. Hooper
    12. APK Debug
    13. SQLI Browser
    14. Protecode SC
    15. Protecode ES
    16. Coverity
    17. SQL Map

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

(If yes, kindly indicate mode of arrangement (MoU, contract etc.))

*Information as provided by **Cigital Asia Pvt Ltd** on 24/03/2017

Back

M/s HCL Comnet Ltd.

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

   HCL Comnet Ltd.

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

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
   - Mobile Application Security: 3 UPI and BFSI
   - Forensic Audit: in BFSI sector

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

Govt.	:	7 Large Govt. Customers
PSU	:	2 Large PSU
Private	:	6 large Private Enterprise
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   : 50000 Servers/infra, *100+ firewall audits*
   Web-application security audit   : 1500+
   Wireless security audit   : 30+
   Compliance audits (ISO 27001, PCI, etc.) :5 ISO 27001:2013, 1 PCIDSS v3.2
   Certification
   Application Source Code Review   : 6

6. Technical manpower deployed for informationsecurity audits :

CISSPs	:	*5*
BS7799 / ISO27001 LAs	:	*25 LAs*
CISAs	:	10
CISMs	*:*	*5*
DISAs / ISAs : *<number of>*		
Star Certified (Cloud Security)	:	10+
OSCP	:	2

   Any other information security qualification:*5 CEH, 10 ISO 22301 LAs, OEM
   Certifications (Skybox, Qualys, RSA, Checkpoint, CISCO, Juniper Certified)*
   Total Nos. of Technical Personnel   :   35+ resources

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

S.	Name of Employee	Duration with <organization>	Experience in Information Security	Qualifications related to Information security
1	Sandeep Kumar Pasi	10+ years	9+ years	ISO 27001-2013, QGCS
2	Ashwani	2.8 Years	2+ Years	CCNA, QGCS,BCMS

3	Nitin Sharma	4.9 Yrs	3 Yrs	CEH,ISO 22301, QGCS, PCI-DSS from SISA
4	Saurabh Mishra	2 Years	6+ Years	CEH, QGCS
5	Nand Kishore Kumar	2.7 Years	6 years	CEH and QGCS
6	Roopesh Ramakrishna Kamat	10+ years	9+ years	ISO 27001-2013
7	Mohan Raj Venkatesan	2.1 Yrs	5 Yrs	ISO 27001:2013, CEH, ITIL
8	Satish Rangabhatla	2 years	2 years	ISO 27001-2013 LA
9	Ashish Chauhan	1 year 8 months(approx.)	7+ Yrs	ISO 27001-2013 LA
10	Sikha moni Bhuyan	2+ Years	6+ Years	ISMS, BCMS, ITIL, COBIT, PCI-DSS from SISA
11	Kshitij Kishore Bharadwaj	10+ years	9+ years	ISO 22301, QGCS
12	Abhishek Kumar	7 Yrs	5 Yrs	CISSP, CISA, CISM, ISO 27001:2013, ISO 22301

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

    1. SBI Security Operations Center – 40000 + infrastructure for VA (quarterly), 300 websites (quarterly), approx. 50 firewalls monthly, ISO 27001:2013 certifications, RSA Archer GRC Secops integration with SIEM and Nessus – all SBI Branches terminating at DC/DR – Approx. 46 Cr.

9. List of Information Security Audit Tools used (commercial/ freeware/proprietary): Qualysguard, Accunetix, IBM Appscan, HP Fortify, Skybox, Nipper, Nessus, Nexpose, Metasploit, Kali Linux, Open Source Tools

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

  *Information as provided by HCL Comnet Ltd. on 23-03-2017.

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

M/s Lucideus Tech Pvt. Ltd.

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

    Lucideus Tech Pvt. Ltd.

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, PCI, etc.) (Y/N)   :   ***Yes***

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

Govt.	:	***5***
PSU	:	***3***
Private	:	***300+***
Total Nos. of Information Security Audits done	:	***45+***

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

Network security audit	:	***5000+ IP Addresses***
Web-application security audit	:	***1000+ Web Applications***
Wireless security audit	:	***150+***
Compliance audits (ISO 27001, PCI, etc.)	:	***40***

6. Technical manpower deployed for information security audits :

CISSPs	:	***0***
BS7799 / ISO27001 LAs	:	***1***
CISAs	:	***0***
DISAs / ISAs	:	***0***
Any other information security qualification	:	***OSCP, LCEH, MCP***
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	Duration with Lucideus	Experience in Information Security	Qualifications related to Information security
1	*VB*	*4.5+ Years*	*7+ Years*	*LCEH*
2	*RT*	*3.5+ Years*	*7+ Years*	*LCEH*
3	*RD*	*1.5+ Years*	*2.5+ Years*	*LCEH*
4	*MK*	*1+ Years*	*2.5+ Years*	*LCEH*
5	*AJ*	*3+ Years*	*5+ Years*	*LCEH*

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

- ***One of India's biggest retail payment system***
  - <u>*Activities*</u> *- Secure Code review, Application security assessment, Network Architecture review, Configuration Review, DDoS Testing.*

- ***One of India's Leading e-commerce platform***
  - <u>*Activities*</u> *- Continuous Web Application security assessment, Network Penetration Testing, Online Reputation Management, Secure Code review etc.*

- ***One of India's Leading FMCG Companies***
  - <u>*Activities*</u> *- Application security assessment, Network Architecture review, Configuration Review, Risk Assessment*

- ***One of India's Leading Aviation Companies***
  - <u>*Activities*</u> *- Continuous Web Application security assessment, Network Penetration Testing*

- ***One of India's Leading Defence Organisation***
  - <u>*Activities*</u> *- Application security assessment, Network Architecture review, Configuration Review, Risk Assessment*

- ***One of India's Leading Private Banks***
  - <u>*Activities*</u> *- Continuous Web Application security assessment, Network Penetration Testing*

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

Web Application Source Code Review	Network VAPT	Web Application VAPT
- CheckMarx - MS CAT - FxCop - OWASP SWAAT - RIPS - LAPSE+ - Visual Studio and other IDE	- Nmap - Nessus - OpenVAS - Metasploit	- Burp Suite - OWASP Zap - Skipfish - Arachini - Xenotix - BeeF - Tilde Scanner - Nikto - SQL Map - W3af - Dirb - Nessus (for Web App Scanning)

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

 *Information as provided by **Lucideus Tech Pvt. Ltd.** on **25th March, 2017.**

M/s Sandrock eSecurities Private Limited

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

    Sandrock eSecurities Private Limited

2. Carrying out Information Security Audits since   :   **November 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**
                                                             (Internal Audits Only)

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

Govt.	:	**10**
PSU	:	**0**
Private	:	**5**
Total Nos. of Information Security Audits done	:	**15**

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	:	**13**
Wireless security audit	:	**0**
Compliance audits (ISO 27001, PCI, etc.)	:	**0**

6. Technical manpower deployed for information security audits :

CISSPs	:	**0**
BS7799 / ISO27001 LAs	:	**0**
CISAs	:	**0**
DISAs / ISAs	:	**0**
Any other information security qualification	:	**2**
Total Nos. of Technical Personnel	:	**3**

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	Rachna Agarwal	April 2014	2 Years	
2	Ankush Garg	June 2015	1 Year	Diploma in Cyber Law
3	Daman Preet	June 2015	1 Year	

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, telepohne, fax, etc)	Additional Info.

1	Private	External Network Penetration Test	Comnet Vision India Private Limited B-1 Aggarwal Bhawan, 35-36, Nehru Place, New Delhi – 110019	External Network Penetration Test on Public IPs
2	Private	Internal Network Penetration Test	Comnet Vision India Private Limited B-1 Aggarwal Bhawan, 35-36, Nehru Place, New Delhi – 110019	Internal Network Penetration Test on Private IPs
3	Govern ment	Web Application Penetration Test	Varkul Websoft Private Limited New Delhi, Delhi 110007	Bureau of Energy Efficiency A staturory body under Ministry of Power, Government of India www.beeindia.gov.in
4	Govern ment	Web Application Penetration Test	University IT Services Cell (UITS) Room No.D-412 GGS Indraprastha University Sector 16C, Dwarka, N.Delhi-110078 Phone: 25302746 Email: uits@ipu.ac.in	Guru Gobind Singh Indraprastha University www.ipu.ac.in
5	Govern ment	Web Application Penetration Test	Varkul Websoft Private Limited New Delhi, Delhi 110007	Bureau of Energy Efficiency A staturory body under Ministry of Power, Government of India www.beesdaportal.com
6	Govern ment	Web Application Penetration Test	Varkul Websoft Private Limited New Delhi, Delhi 110007	Bureau of Energy Efficiency A staturory body under Ministry of Power, Government of India www.beestarlabel.com
7	Govern ment	Web Application Penetration Test	IT Cell, Ministry of Power, Room No. 123, 1st Floor, Shram Shakti Bhawan, Rafi Marg, New Delhi	http://staging.indianic.com /power/ and http://staging.indianic.com /ujwalbharat/
8	Govern ment	Web Application Penetration Test	Hindustan Insecticides Limited New Delhi, Delhi 110003	http://www.hil.gov.in/
9	Govern ment	Web Application Penetration Test	State Consumer Disputes Redressal Commission, U.T., Chandigarh.	http://chdconsumercourt.g ov.in/
10	Private	Web Application Penetration Test	M/s MSF Insurance Web Aggregator Pvt.Ltd, Delhi	Direct Insure http://www.directinsure.in
11	Govern ment	Web Application Penetration Test	Mahatma Gandhi Mission College of Engineering & Technology, Noida	
12	Govern ment	Web Application Penetration Test	Recruitment and Assessment Centre (RAC) Defence Research and Development Organisation Ministry of Defence Lucknow Road, Timarpur, Delhi (INDIA)	http://rac.gov.in/
13	Govern ment	Web Application Penetration Test	Mukesh Kumar, Immortal Technologies (P) Ltd.	http://ccestagra.gov.in/

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

Nmap	Freeware
Nikto	Freeware
Mozilla Firefox with Security Add-Ons	Freeware
Web Scarab	Freeware
Sqlmap	Freeware
Cain and Abel	Freeware

W3af	Freeware
HTTrack	Freeware
Nessus	Commercial
Metasploit	Freeware
Nexpose	Freeware
Brutus	Freeware
MBSA	Freeware
GFI Langaurd	Commercial

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

 *Information as provided by **Sandrock eSecurities Private Limited** on **27-03-2017**

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

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

   VISTA InfoSec, 001, North Wing, 2nd Floor, Neoshine House, Opp. Monginis Factory, Link Road, Andheri (West), Mumbai, Maharashtra, India.

2. Carrying out Information Security Audits since :
   2004

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)

4. Information Security Audits carried out in last 12 Months

Govt.	:	**25+**
PSU	:	30+
Private	:	100+
Total Nos. of Information Security Audits done	:	200+

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

Sr.	Category	Brief Description of Work	Details of Contact Person at Auditee Organization (Name, email,	Additional Info
1.	Govt.	Tech audit of the IT		INS Mumbai
2.	Govt.	Tech audit of the IT		INS Mysore
3.	Govt.	Tech audit of the IT		FMU
4.	Govt.	Tech audit of the IT	**CONFIDENTIAL**	FMU & MMT
5.	Govt.	Tech audit of the IT		Naval Station, Thane
6.	Govt.	Tech audit of the central		NA0049 - Kochi
7.	Govt.	Tech audit of central and remote locations		DIT
8.	PSU	Audit as per SEBI guidelines.	Name: Rajesh Prasad Email ID: rajesh.prasad77@sbi.co.in Organisation: SBI Website: www.onlinesbi.com Phone Number: 9869770276	SBI
9.	PSU	Audit as per SEBI guidelines.	Name: Sunil Yadav Email ID: Sunil.Yadav@nsdl.co.in Organisation: NSDL Website: npscra.nsdl.co.in Phone Number: 9967222267	NSDL

10.	Pvt.	Audit as per RBI requirements	Name: Priti Shah Email ID: PritiShah@pmcbank.com Organisation: PMCB Website: www.pmcbank.com Phone number: (022) 6780 4174	PMCB
		Audit as per ISO27001 requirements		
11.	Pvt.	Audit as per RBI requirements	Name: Ravindra Pathar Email ID: rspathar514@gpparsikbank. net Organisation: GPP Bank Website:www.gpparsikbank. com Phone Number: 022- 25456524	GPPJSB
		Audit as per ISO27001 requirements		
12.	Pvt.	Audit as per RBI requirements	Name: DK Gosavi Email ID: dkgosavi@kalyanjanata.in Organisation: KJSB Website: www.kalyanjanata.in/ Phone Number: 9322705900	KJSB
		Audit as per ISO27001 requirements		
13.	Pvt.	Audit as per ISO27001 requirements	Name: Yogesh Maroli Email ID: Yogesh.maroli@agsindia.com Organisation: AGS Transact Website: www.agsindia.com Phone Number: 9223191411	AGS
14.	Pvt.	Audit as per PCI requirements	Name: Pankaj Khandelwal Email ID: pankajk@insolutionsglobal .com Organisation: ISG	ISG
	Pvt.	Audit as per ISO27001 requirements	Website: www.insolutionsglobal.com Phone Number: 9820820497	ISG
15.	Pvt.	Audit as per RBI requirements	Name: Vikram Idnani Email ID: Vikram.Idnani@trent- tata.com Organisation: TATA Trent Website: www.tata.com/company/profile/Tr ent	Tata – Trent
16.	Pvt.	Audit as per ISO27001 requirements	Name: Sreeram GC Email ID: sgomadam@tatatrusts.org Organisation: TATA Trust Website: www.tatatrusts.org	TATA TRUST

Network security audit	: **60+**
Web-application security audit	: 50+
Wireless security audit	: 20+
Compliance audits (ISO 27001, PCI, etc.)	: 15+

6. Technical manpower deployed for information security audits :

CISSPs	: 3
BS7799 / ISO27001 LAs	: 8
CISAs	: 3
DISAs / ISAs	: 1
Any other information security qualification: PCI QSA, CRISC, CEH, OSCP	
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 **VISTA InfoSec**	Experience in Information Security	Qualifications related to Information security
1.	Srushti Mohadikar	June 2014	3	CCNA R&S, CEH, PYTHON
2.	Rohan Bangera	Apr 2012	4	CISC, CPFA, CPH NxG
3.	Sachin Pagare	Nov 2015	3	CAST, CEH, ECSA
4.	Mayur Patil	Nov 2015	2	CEH,
5.	Anshuman Dubey	Aug 2014	6	ISMS LA
6.	Bhagyashree Mulgund	Jan 2013	4	PRISM
7.	Divya Nitesh	Oct 2013	8	ISMS LA
8.	Vibha Yadav	Nov 2013	6	ISMS LA, Diploma in Certified Manager in Information
9.	Rohan Patil	Aug 2005	12	eCPPT
10.	Narendra Sahoo	Dec 2004	23	CISSP, CISA, ISMS LA, CRISC
11.	Saru Chandrakar	Oct 2012	6	CISA, ISMS LA
12.	Anil Yadav	Feb 2014	5	CISC
13.	Pravin K	Nov 2006	14	CISA, CISSP
14.	Aniket Lavhande	Oct 2016	2	CEH
15.	Sneha Karan	Jan 2016	1	CEH
16.	Shailesh Wagh	Feb 2016	6	CEH

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

Projects	Volume	Complexity	Locations
InSolutions Global – Compliance Management	Into card printing, card processing, payment application development – We support end to end compliance	Payment processor to some of the largest banks and merchants in India	Mumbai, Pune, Delhi and Bangalore
PMCB – Compliance Management	End to end compliance	One of the largest Co—operative bank	100 locations across Maharashtra

GPPJSB – Compliance Management	End to end compliance	One of the largest Co- operative bank	75 locations across Maharashtra

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

- Rapid7 NeXpose
- IBM Rational AppScan.
- NESSUS.
- GFI Languard.
- Acunetix WVS.
- QualysGuard.
- BurpSuite.
- MetaPacktPublishingoit.
- Nikto.
- Wikto.
- BackTrack Security Distro.
- Paros Proxy.
- Nmap.
- Exploits DB from "astalavista", "packetstormsecurity", "exploitdb" etc.
- Google Hack DataBase.
- Inhouse customized Scripts.
- Zero Day Scripts / Exploits.
- Other Tools (As when required by the type of work).

10. Outsourcing of Project to External Information Security Auditors / Experts :

No (If yes, kindly indicate mode of arrangement (MoU, contract etc.))

*Information as provided by **VISTA InfoSec** on **21/03/2017**

M/s Sify Technologies Limited

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

    **Sify Technologies Limited.
    2nd Floor, TIDEL Park, #4, Rajiv Gandhi Salai,
    Taramani, Chennai-600113**

2. Carrying out Information Security Audits since   :   **2004**

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)**

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

Govt.	:	**3**
PSU	:	**1**
Private	:	**6**
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	:	**4**
Wireless security audit	:	**1**
Compliance audits (ISO 27001, PCI, etc.)	:	**3**

6. Technical manpower deployed for information security audits :

CISSPs	:	1
BS7799 / ISO27001 Las	:	1
CISAs	:	0
DISAs / ISAs	:	0
Any other information security qualification:		
CISM	:	1
CIWSA	:	1
MS (Cyber Law & Information Security)	:	1
C|EH	:	4
Total Nos. of Technical Personnel	:	7

7. Updated 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 *Sify Technologies Ltd.*	Experience in Information Security	Qualifications related to Information security
1	Palaniraja M	3.7	13.8	CISSP, CISM, MCSA, MCSE, CCNA, CIWSA
2	Amruta Khot	9.3	9.3	ISO27001 Lead Auditor, ISO27001 Lead Implementer, ITIL V3, ISO 22301 Professional
3	Nairit Adhikary	4.3	4.3	MS (Cyber Law & Information Security)
4	Vinoth Kumar	6.11	7.8	C|EH

5	Jude Lesley	2	2	C|EH
6	Vinoth P	2	2	C|EH
7	Mohan M	2	2	C|EH

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

Company Name	Complexity	Volume	Project Value
IL&FS Security Services Ltd.	Penetration Testing Bi-Annually for 2 years	20 IP's	1867000
	Vulnerability Assessment Bi-Annually for 2 years	146 IP's	
	ISMS Build- End to End consultancy till ISO27001 Certification Completion	Premises : IL&FS Securities Services Limited, Mumbai Processes : IT Department, Data Center (managed by 75 personnel) IT services (Service Desk, Desktop Sup., Networks Sup., Servers Sup., DC Sup., Application Development / Management / Support, DBA, Procurement, IT Security).	

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

   Acunetix, Nessus, Metasploit Framework, Nmap, BurpSuite, Kali Linux, OWASP Zap

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

    *Information as provided by **Sify Technologies Limited** on 27th March 2017

M/s Locuz Enterprise Solutions Ltd.

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

    Locuz Enterprise Solutions Ltd.
    401, Krishe Sapphire, Main Road, Madhapur, Hyderabad – 500081.
    Phone #: +91-40-45004600 | Fax #: +91-40-45004601.
    http://www.locuz.com

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

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

Govt.	:	*40*
PSU	:	*02*
Private	:	*12*
Total Nos. of Information Security Audits done :		

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

Network security audit	:	**9**
Web-application security audit	:	**37**
Wireless security audit	:	**5**
Compliance audits (ISO 27001, PCI, etc.)	:	**1**
Cloud Security	:	**2**

6. Technical manpower deployed for informationsecurity audits :

CISSPs	:	*1*
BS7799 / ISO27001 LAs	:	*2*
CISAs	:	*NIL*
DISAs / ISAs	:	*NIL*
Any other information security qualification	:	*12*
Total Nos. of Technical Personnel	:	1**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	Mr R Nageshwar Rao Naik	6 + Years	7.5 + years	CEH, CCSA, ISMS Trained
2	Mr. Sashidhar Somireddy	4 +years	4 +years	CEH,ISO 7001:2015 LA-Certified
3	Uttam Mujumdar	14 + Years	11 +years	CISSP
4	Narendra Nath Swarna	5+ Years	5+ Years	LA ISO 27001:2005
5	Milind Mistri	5+ Years	4 + Years	CCIE Security
6	NIHAL	3 + years	2 +years	CCIE Security

	7	Chandan	3 + Years	3 + Years	CCIE Security

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

Client Name	Location	Activity	Period	Locations	Value
Tasec	Mumbai	Security Assessment, Vulnerability Assessment, Breach assessment, Social Engineering, Firewall Configuration review	2016-2017	2 locations	Confidential
LVGI	Mumbai	Vulnerability Assesment and Penetration Testing (Both Internal And External)	2016-2017	1 Location	Confidential
Eros International	Mumbai	Security Assessment, Vulnerability Assessment, IT Infrastructure Consulting Services & Gap Analysis	2016-2017	1 Location	Confidential
Ness Technologies	Bangalore	Vulnerability Assesment and Penetration Testing (Both Internal And External)	2016-2017	3 Locations	Confidential

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

Nmap
Superscan
Metasploit & Securityforest - Penetration Testing
Process explorer, Sigcheck, Kproccheck - Windows Kernel & malware detection
Netstumbler & Kismet – WLAN Auditing
Nikto - Web server vulnerability scanner
SQLMap – SQL Injections
Wireshark – Protocol Analyzer
BackTrack tools
Burp Proxy
Nessus

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

(If yes, kindly indicate mode of arrangement (MoU, contract etc.))

*Information as provided by Locuz Enterprise Solutions Ltd. on 27th March 2017

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

M/s Digital Age Strategies Pvt. Ltd.

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

   Digital Age Strategies Pvt. Ltd.
   Corporate office # 28, "Om Arcade", 2nd & 3rd Floors,
   Thimmappa Reddy Layout , Hulimavu,
   Bannerghatta Road, Bangalore – 560076

2. Carrying out Information Security Audits since   :   8th   March,
   2004

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
   - Network Information security policy Audit against best
     Security Practices   :   Yes
   - Process Security Audit   :   Yes
   - Internet Technology Security Audit   :   Yes
   - Communications Security Audit   :   Yes
   - Internet & Mobile Security Testing   :   Yes
   - Physical Access Controls & Security Audit   :   Yes
   - Software Vulnerability Assessment Audit   :   Yes
   - Penetration Testing   :   Yes
   - Business Continuity Planning / Disaster Recovery Audit   :   Yes
   - CBS/Core/ERP Application Audits   :   Yes
   - Software Asset Management Audit   :   Yes
   - Sarbanes' Oxley Act (SOX) Audit   :   Yes
   - Data Migration Audit   :   Yes

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

   Govt.   :   990
   PSU   :   406
   Private   :   270
   Total Nos. of Information Security Audits done   :   1666

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

   - Network security audit   :   90+
   - Web-application security audit   :   330+
   - Wireless security audit   :   4+
   - Compliance audits (ISO 27001, PCI, etc.)   :   342+
   - Network Information security policy Audit against
     best security practice   :   115 +
   - Internet Technology Security Audit   :   95+
   - Mobile Security Testing   :   5+
   - Physical Access Controls & Security Audit   :   35+
   - Vulnerability Assessment Audit   :   80+
   - Penetration Testing   :   40+
   - Business Continuity Planning / Disaster Recovery Audit   :   572+

6. Technical manpower deployed for information security audits :

CISSPs	:	03
BS7799 / ISO27001 LAs	:	22
CISAs	:	25
DISAs / ISAs	:	1
Any other information security qualification: CEH	:	19
Total Nos. of Technical Personnel	:	44

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
As per the Annexure Enclosed				

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

 I.   Reserve Bank of India, HO Mumbai

   - IT Infrastructure Audit – System Upgrade & Integration (SOC) TPA for 2016-2018. Value of Order Rs. 14.45 Lacs approx.

   - CBS Data Migration Audits of RBI across the Country from August 2011 to 2013. Vulnerability Assessment & Penetration Testing for RBI Network & Web application. Value of Order Rs. 68.70 Lacs + Rs. 1.20 Lacs.

   - eKuber Treasury Migration Audit for RBI during 2014-15. Value of Order Rs. 29.35 Lacs Approx.

   - Reserve Bank of India, RTGS Application Data Migration Audit during 2015-2016. Value of order Rs. 13.20 Lacs

 II. ONGC, Govt. of India – Paperless Office Implementation – Third Party Auditor (TPA) for L&T Infotech Ltd., for 2017-2018.

 III. Odisha Power Transmission Corporation Limited (OPTCL), Govt. of Odisha, Bhubaneswar.

   - IT Security Auditor including ISO 27001:2013 Implementation for OPTCL/GRIDCO/SLDC Audit for 2017 – 2023. Value of Order Rs. 27.43 Lacs Approx.

 IV. Central Bank of India, Mumbai

   - Cyber Security Audit and Comprehensive Audit of CBS Project & other Applications 2016 – 2017. Value of Order Rs 14.50 Lacs Approx.

 V.   Federal Bank Ltd. Kerala

   - IS Audit of IT infrastructure, VAPT and Concurrent Audit of Data Center, IT Department and Operations Department of the Bank 2016-18. Value of Order Rs 15.50 Lacs Approx.

 VI. Ministry of Finance & Economic Affairs, Government of The Gambia 2015 - 16

   - ICT Audit covering Data Centre, Disaster Recovery   Site, Audit of Epicore Core Application, IS Audit of Nine Applications, Vulnerability Assessment and Penetration Testing of the entire network covering all IT Assets.   Gap

Assessment against COBIT Version 5.0, Gap Assessment against ISO 27001:2013 Standard, detailed Risk Assessments, Future Capacity Plan, Way Forward Initiatives for IT etc. Value of the order Rs. 48 Lacs.

VII. Bank of Uganda

- Attack & Penetration Testing of Bank of Uganda during 2016 – 17 etc. Value of the Order Rs. 46 Lacs.

VIII. Nashik Municipal Corporation

- Security Audit of Softwares and Network System for 2015-16. Value of the Order   Rs. 15.60 Lacs.

IX. Indian Bank

- IS Audit of all areas of Audit like DC, DRS, Treasury, ATM Internet Banking, Mobile Banking including ITMS Migration Audit, CAAT Tools Evaluation, Capacity Planning, Risk Assessment, Policies Review, VA & PT of entire Bank etc. for 2015 -16 & 2016-17. Value of the Order   Rs. 24 Lacs.

X. Canara Bank, Head Office, Bangalore

- Vulnerability Assessment and Penetration Testing for Bank's Network, Servers, Applications, Websites etc from 2016 to Till date . Value of order Rs. 15 Lakhs.

XI. Corporation Bank

- Comprehensive Audit of Bank's Data Center, IT Applications, IT   Network, and

Independent Assurance of the IS Audit Function including VA & PT for 2015-16. Value of order Rs. 17 Lakhs

XII. Wipro - Data Migration Audit of 803 Branches of RRBS of UCO Bank across India. Value of order Rs. 32.12 Lacs.

XIII. Allahabad Bank, HO, Kolkata

- CBS Data Migration Audit for 586 branches of two RRBs sponsored by Allahabad Bank for the year 2011-12 & 2012-13. Value of order Rs. 35.36 Lacs.

XIV. Canbank Computer Services Ltd., a Subsidiary of Canara Bank

- Core Banking Solution Migration Audits of 805 RRBs of Canara Bank for 2011-12 on behalf of CCSL. Value of order Rs. 56.66 Lacs.

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

Digital Age will be using the following Audit Tools depending upon the specific requirements of   this Audit.

I. Commercial Tools

1. Nessus Pro
2. Burp Suite Professional
3. Secure Cisco Auditor tool
4. Hash Suite Standard

II. Open Source

1. Kali Linux
2. Nmap
3. Wireshark
4. OWASP ZAP

5. Paros
6. Web Scarab
7. coSARA
8. Network Stumbler
9. Aircrack suite
10. Nikto
11. Cain and Abel
12. MBSA
13. L0phtcrack: Password Cracker ver. 6.0
14. BackTrack
15. OpenVas
16. W3af
17. Directory Buster
18. SQL Map
19. SSL Strip
20. Tamper Data
21. FOCA

III. Proprietary Tools

1. Web Cracker Ver. 3.0
2. Network Mapper Ver. 4.6
3. Filter It - Ver. 2.0
4. SQL Checker Ver. 1.0
5. Inject Script Ver. 2.0

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

*Information as provided by Digital Age Strategies Pvt. Ltd., on 09.05.2017

Back

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

S. No.	Name of the Employee	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.	Mr. Dinesh S. Shastri	March, 2004	20 Years	ISO 27001 ISMS L. A & ISO 22301 BCMS L. A, ISO 20001 ITSM L.A, CISA, CEH, CHFI, CISM, CSQA, COBIT Ver. 5.0 Certified.
2.	Mr. G. Krishnamurthy	August, 2005	19 Years	CEH, ISO 27001 LA, ISO 9001 LA, COBIT Ver. 5.0 Certified.
3.	Mr. P. L. N. Sarma	October, 2008	19 Years	CISA, CeISB, ISO 27001 LA.
4.	Mr. Suresh Sundaram	August, 2016	18 Years	DCS, CISA.
5.	Mrs. Shobha R.	August, 2011	16 years	CISA, CISM, ISO 27001 Lead Auditor.
6.	Mr. Padmanaban S.	October, 2010	15 years	CISA, ISO 27001 Lead Auditor.
7.	Mr.Chandrasekharaiah T. G.	March, 2005	12 years	CISA, ISO 27001 Lead Auditor, Oracle Data Base trained SAP Consultant.
8.	Mr. Rajgopal Tholpadi S.	November, 2013	15 Years	CISA, ISO 27001 LA, ISO 9001 LA, 6 Sigma GreenBelt, PMP.
9.	Mr. H. P. Ramakrishna	March, 2004	16 Years	ISO 27001 Lead Auditor.
10.	Mr. Manjunath Naik	April, 2016	7 Years	ISO 27001 LA, ISO 9001 LA.
11.	Mr. L. R. Kumar	September, 2015	12 Years	CISA, CEH, CQA, PMP, ISO27001 LA.
12.	Mr. R. Janardhanan	August, 2013	18 Years	CISA, PGDB, ISO 27001 Lead Auditor.
13.	Mr. K. Rajasekharan	August, 2013	16 Years	CISA, ISO 27001 Lead Auditor.
14.	Mr. S. V. Iyer	February, 2014	16 Years	MCA, CISA, CISSP, CEH, CFE.
15.	Mr. Ravichandran R.	February, 2014	8 years	CISA, ISTQB.
16.	Mr. Vikram Kapoor	April, 2014	18years	CISA.
17.	Mr. Prabhakar Raju C. S.	April, 2014	15 Years	CISA, DISA, ISO 27001 LA.
18.	Mr. Manjunath Babu	April, 2016	14 Years	CISA, ISO 27001 LA.
19.	Mr. Vishwas Utekar	April, 2014	17 Years	CISA, CEH, ISO 27001 L. A.
20.	Mrs. Padmashree S.	August, 2014	16Years	CISA, CCNA.

21.	Mr. Prathik Shanbhag	January, 2014	5 Years	B.E., CISA, CEH, ISO 27001 LA.
22.	Mr. Jaiprakash J. L.	April, 2014	15Years	ISO 27001 LA, CQA, PMP, 6 Sigma Green Belt.
23.	Mr. Soundarajan S. G.	December, 2015	6 Years	CISA, CISSP.
24.	Mr. M. L. Venkataraman	August, 2015	9 Years	CISA, CISM, CISSP, CRISC, CGEIT.
25.	Mr. Viswanath G.	July, 2016	12 Years	CISA, CISM, CGEIT, CEH, ISO 27001 L.A.
26.	Mr. Parveez Khan	December, 2013	13 Years	ISO27001 L.A., ITIL V3, Dip CS, 6 Sigma Green Belt.
27.	Mr. Raju Hari Patil	February, 2016	1 ½ Years	BE, CEH.
28.	Mr. Sarath Kumar	February, 2016	1 ½ Years	B. Tech, CEH.
29.	Mr. Touseef Jagirdar	February, 2016	1 ½ Years	BE, CEH.
30.	Mr. Mohammed Irfan	August, 2016	1 Year	B. Tech, CEH .
31.	Ms. Gayithri. R.	October, 2016	1 Year	MCA, CEH.
32.	Mrs. Divya S. B.	October, 2016	1 Year	BE, DSC, CEH.
33.	Ms. Roopa S	October, 2016	1 Year	B. Tech, CEH.
34.	Mr. Patrick Oswald Pinto	December, 2016	14 Years	PGDCA, CISA, CIA.
35.	Mr. Sridhar Pulivarthy	December, 2016	16 Years	BE, CISA, ITIL Expert, ISO 27001 LA.
36.	Mr. Dhyan	September, 2016	8 Months	BE, CEH.
37.	Mr. Santhosh Kumar K R	May, 2016	1 Year	M.Tech, CEH, ISO 27001 LA.
38.	Mr. Padmanabha N.	November, 2016	12 Years	CEH, ISO 27001 LA.
39.	Mr. Mohammed Jameel Zarzari	January, 2017	1 Year	BE(Computer Science), M.Tech.(Computer Networks).
40.	Mr. Sachin D. Bellundagi	January, 2017	1 Year	BE, CEH.
41.	Mr. Naveenraddi M Hulikatti	February, 2017	2 Years	BE, CEH.
42.	Ms. Uma Devi	March, 2017	1 Year	B.Tech.(IT), M.Tech.(Cyber Security).
43.	Mr. Surender D.	February, 2017	12 Years	CISA, CeISB.
44.	Mr. Susheel Kumar	May, 2017	14 Years	CISA.

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

M/s MAVERICK QUALITY ADVISORY SERVICES PRIVATE LIMITED

1. Name&locationof theempanelledInformationSecurityAuditingOrganization :

    MAVERICK QUALITY ADVISORY SERVICES PRIVATE LIMITED
    123 RADHEYSHYAMPARK P.O
    SAHIBABAD
    GHAZIABAD,U.P,INDIA– 201005

2. CarryingoutInformationSecurityAudits since   :   **2005**

3. Capabilitytoaudit, categorywise(addmoreifrequired)

    - Network securityaudit(Y/N)   :   Yes
    - Web-applicationsecurityaudit(Y/N)   :   Yes
    - Wirelesssecurityaudit(Y/N)   :   Yes
    - Complianceaudits(ISO27001,PCI,etc.)(Y/N)   :   Yes
    - Physical Access Controls&Securitytesting   :   Yes
    - SoftwareVulnerability Assessment   :   Yes
    - PenetrationTesting   :   Yes
    - InformationSecurityTesting   :   Yes
    - BusinessContinuity Planning/Disaster RecoveryAudit :   Yes

4. InformationSecurityAuditscarriedoutinlast12Months :

Govt.	:	*1*
PSU	:	*2*
Private	:	*16*
TotalNos.of InformationSecurityAudits done	:	19
		(In last12 months)

5. Numberof audits in last12months ,category-wise***(Organizationcan add categorie sbased
    on project handled by them)***

Network securityaudit	:	**5**
Web-applicationsecurityaudit	:	**6**
Wirelesssecurityaudit	:	**2**
Complianceaudits(ISO27001,PCI,etc.)	:	**20**

6. Technicalmanpower deployed for information securityaudits:

CISSPs	:	*1*
BS7799/ISO27001LAs	:	*6*
CISAs	:	*1*
DISAs /ISAs	:	*NA*
Anyother informationsecurityqualification	:	*NA*
TotalNos.ofTechnicalPersonnel	:	7

7. Detailsoftechnicalmanpower deployed for informationsecurityaudits in Government and Critical sectororganizations(attach Annexureif required)

S. No.	Nameof Employee	Duration with *MAVERICK QUALITY ADVISORY SERVICES PRIVATE LIMITED*	Experience in Information Security	Qualifications related To Information security
1	AshokVardhan	12years	11years	ISMS LA
2	Vinit Maheshwari	12years	13years	ISMS LA
3	AnandSarup Bhatnagar	5years	19years	CISA, CISM,ISMS LA
4	ArvindKumar	4years	7years	ISMS LA
5	Raj Maheshwari	12years	6years	ISMS LA
6	Harish Gupta	6years	16years	CISSP,MCSE, SYMANT AC Certified, RSA Certified
7	SanjeevGupta	2years	4years	ISMS LA

8. SpecifyLargestProjecthandled in termsof scope(intermsofvolume,complexity, locations etc.) alongwith projectvalue.

   IL&FSGroup(IL&FS Technologies andIL&FSEnvironment)–11L

9. ListofInformationSecurityAudit Toolsused (commercial/freeware/proprietary):

   CommercialandFreeware

   Nmap
   Dontools
   Nikto
   Dsniff
   SqlTool
   Metasploit
   Netcat
   Ethereal
   SSLProxy,STunnel
   Webinspect
   Wireshark
   Acuentix
   Appscan
   BurpSuite
   Nessus

10. OutsourcingofProjecttoExternal InformationSecurityAuditors /Experts:**No** (If yes, kindly indicatemode ofarrangement(MoU, contractetc.))

*Information as provided by Maverick QualityAdvisory Services Private Limited on June 302017

M/s SecurEyes Techno Services Pvt. Ltd

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

    SecurEyes Techno Services Pvt. Ltd.,
    #3S, 3rd Floor, Swamy Towers,
    Chinapanahalli, Marathahalli,
    Outer Ring Road,
    Bangalore - 560037

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

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 and GRC consultancy against well-known
        International standards
        (including ISO 27001, PCI, ISO 2000, COBIT, etc.) (Y/N)   :   Y
    *   Thick-Client Application Security Testing   :   Y
    *   Vulnerability Assessment   :   Y
    *   Network Penetration Testing   :   Y
    *   SDLC Review and code security review   :   Y
    *   Information security policy development, review and assessment
        against security best practices   :   Y
    *   Process Security Testing   :   Y
    *   Communications Security Testing   :   Y
    *   Physical Access and Environment Security Controls Review   :   Y
    *   Social Engineering Testing   :   Y
    *   Gap Analysis against well-known standards   :   Y
    *   Risk Assessment / Management Services   :   Y
    *   Enterprise Security Architecture Review   :   Y
    *   Regulatory security compliance review   :   Y
    *   Information Security Trainings (user awareness, technical training, etc.)   :   Y
    *   DLP consulting   :   Y
    *   User and Identity Management   :   Y
    *   Single Sign On   :   Y
    *   Application Security Architecture review   :   Y
    *   Design and development of Operational Security Guidelines   :   Y

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

    Govt.   :   *380*
    PSU   :   *35*
    Private   :   *144*
    Total Nos. of Information Security Audits done   :   **559**

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

    Network security audit   :   18

    Web-application security audit   :   524

    Wireless security audit   :   2

    Compliance audits (ISO 27001, PCI, etc.)   :   15

    Business Continuity Review   :   4

    Incident Management Review   :   5

    Regulatory Compliance Review   :   5

SOC Audit			:	4
Vulnerability Assessments			:	15
ATM Audits			:	4
Applications Control Reviews			:	34
Visa 3-D secure audit			:	2

Not e: Some of the above audits may have been conducted for the same client through different times/duration during the year.

6. Technical manpower deployed for information security audit:

Certified Ethical Hacker (CEH)	:	18
BS7799 / ISO27001 LAs	:	9
CISAs	:	6
CCNA	:	3
RHCSA	:	1
BS15000	:	1
SANS-GCIH	:	1
SCSA	:	1
CEH	:	18
Total Nos. of Technical Personnel	:	26

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	10.5 years	16+ years	CISA, ISO 27001, SANS-GCIH (Gold Certified), SCSA, CCNA, BS15000
2.	Seemanta Patnaik	10.5 years	16+ years	CEH, ISO-27001, CISA
3.	S Narayan	8.6 years	8.6 years	CISA, CEH, ISO-27001
4.	K Bala S	5.9 years	5.9 years	CEH, ISO-27001, COBIT
5.	D Kumar	3.8 years	3.8 years	CEH, ISO-27001, CCNA
6.	P Rao	5.6 years	16 years	CISA, ISO-27001
7.	U P	7.11 years	16years	CISA, ISO-27001
8.	KT	1 year	2.10 years	CEH, CISA
9.	SM	2.11 years	6.2 years	CEH, ISO-27001, CCNA
10.	NM	1.8 years	1.8 years	CEH
11.	PS	1.8 Years	1.8 years	CEH
12.	MS	4.3 years	4.3 years	CEH
13.	AG	1.5 years	3.2 years	CEH
14.	AK	1.8 years	1.8 years	CEH
15.	AS	1.8 years	1.8 years	CEH
16.	CS	1.8 years	1.8 years	CEH
17.	AD	3.8 years	3.8 years	
18.	MB	8 months	2.7 months	
19.	RVR	9 months	18years	ISO-27001, CEH
20.	RA	4 months	1.8 years	
21.	SR	6 months	3 years	RHCSA
22.	SS	1 year	4.6 years	CEH
23.	SK	3 months	3.1 years	CEH
24.	UMR	1.8 years	1.8 years	CEH
25.	VPB	1.3 years	1.3 years	CEH
26.	VK	1 month	1.4 years	CEH

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 governance and business continuity management review for one of our customers in Middle-East. The details of the project are mentioned below:

Project Scope:

1. Information Security Governance assessment
2. Assessment of Security Operation Centre (SOC) including review of coverage scope for SOC monitoring, adequacy of rules defined for monitoring, implementation review of the SIEM solution and review of policies, procedures and standards pertaining to the SOC operation.
3. Assessment of Incident Management (IM) including review of policies, procedures and standards pertaining to the IM operation; determining the adequacy of incident detection controls by conducting mock incidents under controlled environment; evaluating the incident response under various scenarios; evaluating the maturity of the incident response team.
4. Assessment of the network architecture, topology, network communication with third parties and regulators.
5. Assessment of remote connectivity including VPN access.
6. Assessment of security appliances & solutions
7. External vulnerability assessment and penetration testing.
8. Internal vulnerability assessment and penetration testing.
9. Secure configuration review of firewalls, routers, switches, operating systems and databases being used within the Organization.
10. Application & infrastructure review and assessment of multiple customer financial, internal financial & internal non-financial applications.
11. Assessment of the Data Center and Disaster Recovery Sites.
12. Assessment of Business Continuity including review of strategy, policy, procedure & standards pertaining to Business Continuity Management; review of BCP & DR drill results; review of adequacy of the Business Continuity committee & required management support.
13. Assessment of the ATM operation including field based assessment of branch & off-site ATMs
14. Review of the process and monitoring adequacy of the Organization to comply with all local and global regulatory requirements.
15. Social Engineering test to determine the IS awareness level among the employees.
16. Random survey pertaining to Information Security awareness
17. Advanced Persistent Treat (APT) resilience test to determine the adequacy of the APT solution.
18. Network Penetration testing of Internal and External Internet facing infrastructure
19. Application Security Assessment services of 25+ applications
20. Vulnerability assessment covering production infrastructure including multiple Operating Systems, Web Servers, Databases, Mail Servers
21. Providing compliance services based on requirements of ISO27001 & ISO 22301
22. Providing user access control review for all platforms for critical production infrastructure
23. Review of adequacy of alignment between IT risk, Information Security risk and Operational Risk assessment methodology used within the organization

Project Complexity:
This was a project for a financial sector client having large IT Infra-setup in Middle-East. The project covers multiple applications, infrastructure systems and networks that were in the scope of the security assessment. The project covered multiple locations within the region. 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 20-man month project with the team carrying out assessments across locations.

Locations:
Middle-East

Project Value:
Rs. ~1.6 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. Checkmarx
4. Accunetix
5. 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. Httprint
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 : Yes/No
    (If yes, kindly indicate mode of arrangement (MoU, contract etc.))   :   **No**

*Information as provided by **SecurEyes Techno Services Pvt. Ltd.** on **24 March 2017**.

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

M/s Deloitte Touche Tohmatsu India Limited Liability Partnership

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

     M/s Deloitte Touche Tohmatsu India Limited Liability Partnership
     Address: 12, Annie Besant Road,
     Opposite Shiv Sagar Estate,
     Worli, Mumbai - 400018

2. Carrying out Information Security Audits since   :   Prior to 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
     - IOT security testing   :   Yes
     - Mobile application security   :   Yes
     - Cloud security   :   Yes

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

Govt.	:	*Approximately 10 engagements*
PSU	:	*Approximately15 engagements*
Private	:	*Approximately250 engagements*
Total Nos. of Information Security Audits done	:	*Approximately275* engagements

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

Network security audit	:	Approximately 35
Web-application security audit	:	Approximately 40
Wireless security audit	:	Approximately 5
Compliance audits (ISO 27001, PCI, etc.)	:	Approximately 20

6. Technical manpower deployed for informationsecurity audits:

CISSPs	:	Approximately 15
BS7799 / ISO27001 LAs	:	Approximately 25
CISAs	:	Approximately 70
DISAs / ISAs	:	Approximately 10
Any other information security qualification	:	Approximately 70

     Total Nos. of Technical Personnel:We have approximately 140 technical personnel. The names listed in Annexure A is illustrative list of professionals involved in critical infrastructure support for Public Sector.

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

     Please refer to **Annexure A :** for details.

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

No. of Computer Systems	:	> 70000
No. of Servers	:	500
No. of Switches	:	100
No. of Routers	:	50
No. of Firewalls	:	25
No. of IDS	:	10

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

   Commercial Tools:

   1. Nessus
   2. Acunetix
   3. Nipper
   4. Burp-Suite
   5. Netsparker

   The above list of tools is indicative.

   Freeware Tools:

   a. Xprobe
   b. Dnssecwalker
   c. Tcpdump/tcpshow
   d. Dsniff
   e. Ettercap
   f. Ethereal
   g. Fping/ Hping
   h. Queso
   i. Nmap
   j. SuperScan
   k. Netwag
   l. Firewalk
   m. Q-Tip
   n. SQLMap
   o. Jack the Ripper
   p. Crack 5.0a
   q. NGS SQLCrack
   r. HydraCain and Abel
   s. Metasploit
   The above list of tools is indicative.

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

    Not Applicable

 *Information as provided by Deloitte Touche Tohmatsu India Limited Liability Partnership on 27-march-2017

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

S. No.	Name of Employee	Duration with Deloitte (Years)	Experience in Information Security (Years)	Qualifications related to Information security
1	Achal Gangwani	5.9	13.86	CEH, ISO 27001 LA_LI, ITIL Foundation, CCNA
2	Anand Venkatraman	5.8	16.78	CISM, CISSP, ISSAP, ISO 22301 LI, COBIT5
3	Abhijeet Jayaraj	2.6	3.63	OSCP, Certified Ethical Hacker (CEH v8)
4	Ashish Arora	0.7	10.72	CISSP, ITILV3, CNAP, RHCE, CWSE
5	Ashutosh Jain	1.2	5.22	CISA, CEH
6	Chinkle Umrania	2.3	6.00	CCNA, ISMS Internal Auditor, CISA
7	Anand Kishore Pandey	3.2	6.10	Certified Ethical Hacker (CEH V7), ISO/IEC 27001:2005 Lead Auditor from ISC, ISO/IEC 27001:2005 Lead Implementer from BSI, BS 25999:2007 Lead Auditor from ISC
8	Divin Proothi	2.0	10.96	CISA, SAP GRC 5.2
9	Gautam Kapoor	6.7	16.70	CISA, CISSP, ISO 27001 LA_LI
10	Kapil Dev Sharma	1.3	10.83	ITIL v3, ISO 27001, CEH V7, PRINCE2 (Foundation), PRINCE2 (Practitioner)
11	Kartikeya Raman	4.0	7.48	ITIL v3, CISA
12	Maninder Pal Singh	1.1	12.78	Lead Auditor, CISSP, CISA, CEH
13	Navaneethan M	1.2	6.22	CCSK, CISM, CPISI, COBIT 5 FOUNDATION, ISMS, BCMS , QMS ,DSCI, CEH, ITIL Version 3, RHCE, CCSA, CCSE, CCNA, SCSA PART-1 & SCSA PART-II, SCNA
14	Pawan Kumar	4.9	10.68	Certified Information Systems Auditor (CISA). ISO 27001:2005 ISMS Lead Implementer EC - Council Certified Ethical Hacker (CEH v6) ITIL v3 Foundation certified. Cisco Certified Network Associate (640-802) Deploying ASA Firewall -CCNP Security (642-617
15	Preetam Hazarika	2.0	11.23	CEH, ISO 27001 LI, BCM - 400, ArcSight ESM
16	Reena Ulhas Pradhan	2.1	7.02	CISA, ECSA LPT, CISSP, ITIL v3, CEH, Cyber Crime investigator certificate
17	Rohit Rane	1.8	12.10	CISA, ITIL V3 Foundation, ISO 27001 LI, ISO 27001 LA, ISO 2000 LA, BS25999 LA, A+, N+, CCNA,
18	Santosh Kumar Jinugu	4.0	12.46	ISO 27001 LI, ISO 25999 LI, BCM Implementation, ISO 31000 Internal Auditor, CEH, SAP Security
19	Shashank Gupta	0.8	4.26	CEH, Qualys Guard Vulnerability Management Certified, Nexpose Certified Administrator, Java Professional
20	Vikas Garg	6.7	13.34	ISO 9001:2000 ; BS7799 LI ; ISO 27001 LA ; CISA ; CISM ; CISSP, PMP, CEH, BS7799 LA, Info. Security/ BS7799 LA, Info. Security/ BS7799 LI, BS7799 to ISO27001 Transition Certified, BCP/ DR Certified, BS 15000 RCB Auditor Examination (itSMF

				Certified), ITSM/ BS15000 Certified LA, ITSM/ BS15000 Certified LI, QMS/ ISO 9001:2000 Certified Lead Auditor, DSCI - lead assessor for privacy
21	Vivek Patil	0.8	5.81	CEH v8, PCISI, CISO, ITIL
22	Arshdeep Singh	5.5	5.5	ISO 27001 LI, CCNA
23	Mahesh Kumar Heda	5.6	8.6	Program in Information security management
24	Praveen Sasidharan	6.3	15.3	CISM, CRISC, COBIT, ITIL Foundation, BCCS, ISO 27001 LI, BS25999 LI & CSPFA, CBCP

M/s TAC InfoSec Private Limited

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

> **TAC InfoSec Private Limited**
> E190, 4th Floor, Quark City, Industrial Area,
> Phase-8B, Mohali-160055

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

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
- Source Code Review   :   Yes
- Red Team   :   Yes
- Mobil Applications   :   Yes

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

> Govt.   :   N/A
> PSU   :   N/A
> Private   :   15+
> Total Nos. of Information Security Audits done   :   15+

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   :   15+
> Wireless security audit   :   4+
> Compliance audits (ISO 27001, PCI, etc.)   :   N/A
> Mobile Application   **:**   4 +

6.   Technical manpower deployed for information security audits :

> CISSPs   :   0
> BS7799 / ISO27001 LAs   :   0
> CISAs   :   0
> DISAs / ISAs   :   0
> CSSP   :   1 +
> CSSA   :   1+
> Any other information security qualification   :   2+
> 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.	Mr. Trishneet Arora	3.5 years	5 years	Diploma in Ethical Hacking & Cyber Security (IADL – UK)
2.	Mr. Avinash Dixit	2 months	4 years	**MBA** (Information Technology)
3.	Mr. Avneet Singh	3.5 years	3.5 years	**B-Tech** (Information Technology) **TAC-CSE**(Cyber Security Expert)
4.	Mr. Gourav Bali	2.5 years	2.5 years	**MBA** (Finance) **TAC-CSE**(Cyber Security Expert)

5.	Mr. Sidhant Dogra	3 months	1.5 years	M-Tech – Information Security

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

    Project for one of the largest tyre manufacturer in the country. Scope included external network and web VAPT, Internal Network VAPT of 50 + servers with 300 + systems. Value of the project was approx 5 Lacs.

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

    Web Application VAPT:

    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 indicate mode of arrangement (MoU, contract etc.)) N/A

    *Information as provided by **TAC InfoSec Private Limited** on **24 March 2017**

M/s TATA Communications Ltd

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

   TATA Communications Ltd,
   C-21 and C-36, G Block, Bandra Kurla Complex
   Mumbai 400098

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, PCI, etc.)   :   Y

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

Govt.	:	*3*
PSU	:	*8*
Private	:	*175*
Total Nos. of Information Security Audits done	:	186

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

Network security audit	:	186
Web-application security audit	:	7
Wireless security audit	:	0
Compliance audits (ISO 27001, PCI, etc.)	:	0

6. Technical manpower deployed for informationsecurity audits :

CISSPs	:	*6*
BS7799 / ISO27001 LAs	:	*9*
CISAs	:	*4*
DISAs / ISAs :		
Any other information security qualification: ***CEH,GCIA, GCIH,CISM,CHFI***		
Total Nos. of Technical Personnel	:	150+

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	Mohan Dass	9 years	14 years	CHFI,CEH,CISSP
2	Rajaguru GS	8 years	11 years	ITIL,QCS

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

   Network security Audit for of one of the largest Airline logistics company covering data center locations in US and UK. The total deal value is INR 1,65,00,000 for Network and Security audit.

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

   - Nessus
   - Qualys Guard

- Burp Suite
- NMAP
- Kali Linux – Armitage
- Metasploit Framework
- SQL MAP
- FireEye Ax

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

*Information as provided by TATA Communications on 27-Mar-2017

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M/s CyberRoot Risk Advisory Private Limited

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

    **CyberRoot Risk Advisory Private Limited
    023, 5th Floor, Tower A, Emaar Digital Greens,
    Sector 61, Gurugram - 122102, Haryana**

2. Carrying out Information Security Audits since   :   2013

3. Capability to audit , category wises

    - Network Security Audit   :   Yes
    - Web Application Security Audit   :   Yes
    - Wireless Security Audit   :   Yes
    - Physical Access Control & Security Testing   :   Yes
    - Web Application Source Code Review   :   Yes
    - Mobile Application Audit   :   Yes
    - Configuration Audit   :   Yes
    - Cyber Forensics Investigation   :   Yes
    - Penetration Testing   :   Yes

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

Govt.	:	0
PSU	:	0
Private	:	13
Total Nos. of Information Security Audits done	:	13

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

Network Security Audit	:	4
Web Application Security Audit	:	8
Configuration Audit	:	1
Wireless Security Audit	:	0
Cyber Forensics Investigation	**:**	20+

6. Technical manpower deployed for informationsecurity audits :

CISSPs	:	*0*
BS7799 / ISO27001 LAs	:	*2*
CISAs	:	*0*
DISAs / ISAs	:	*0*
Any other information security qualification	:	*6*
Total Nos. of Technical Personnel	:	12

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

S.No.	Name of Employee	Duration with CyberRoot Risk Advisory Pvt. Ltd.	Experience in Information Security	Qualifications related to Information security
1	Vibhor Sharma	3 years	6.5 years	ISMS LA
2	Chiranshu Ahuja	3 years	6.5 years	ISMS LA, CCCSP, CCNA, CCNA Security
3	Vikash Pandey	1.5 years	3 years	ACSE
4	Sudhir Kumar	1 year	2 years	
5	Abhishek Verma	1 year	1 year	PG Diploma in Information Security, CEH, CompTIA

					Security+
6	ABHINAV RAWAT	1 year	1 year	CISE	
7	CHIRAG ARORA	0.5 year	0.5 year		
8	Priya Singh	0.5 year	0.5 year	CEH	

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

Network security auditforone of the largest hotel brand in India

No. of Computer Systems   : 3000+
No. of Servers   : 480
No. of Routers   : 160
No. of Switches   : 320
No. of Firewalls   : 197
No. of IDS/IPS   : 170

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

Commercial:

- Burp Suite
- Acunetix

Freeware:

- Wireshak
- RIPS
- NexPose
- Nmap
- Metasploit scanner
- Sparta
- OWASP ZAP
- Cookie Manager
- W3AF
- Netstumbler
- Kismet
- Hydra
- Cain & Abel
- Tamper Data
- Net Sparker
- Nikto
- DirSearch
- Hamster
- Sqlmap
- SET
- Ettercap
- .Net Reflector
- NetStumbler
- Brutus
- BackTrack OS
- Kali Linux OS

Proprietary:

- Script to test for Administrative privileges granted to web application
- Script to test for CSRF
- Other scripts for verification of vulnerabilities

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

*Information as provided by **CyberRoot Risk Advisory Private Limited** on **22-Mar-2017**

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

M/s Robert Bosch Engineering and Business Solutions Private Limited

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

    **Robert Bosch Engineering and Business Solutions Private Limited
    Electronic City Phase 1, Bangalore - 560100**

2. Carrying out Information Security Audits since   :   **Jan 2009**

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**

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

Govt.	:	**0**
PSU	:	**0**
Private	:	**34**
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	:	**0**
Web-application security audit	:	**33**
Wireless security audit	:	**0**
Compliance audits (ISO 27001, PCI, etc.)	:	**1**

6. Technical manpower deployed for information security audits :

CISSPs	:	**1**
BS7799 / ISO27001 LAs	:	**6**
CISAs	:	**3**
CWWH	:	**1**
CEH	:	**7**
CISM	:	**1**
CoBIT	:	**1**
DISAs / ISAs	:	**0**
Any other information security qualification	:	**0**
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 RBEI	Experience in Information Security	Qualifications related to Information security
1	Krishna Bhat (RBEI/DSO RBIN/DSO)	May 1994	6 Years	CISA, ISO/IEC 27001 - Lead Auditor,
2	Jeevan N Earappa (RBEI/BSD)	Dec 2010	12 Yrs	CISA (Certificate awaited) , CISM, CoBIT 4.1, ITIL-V3,– ISO/IEC ISO27001:2005 Lead Auditor, BS 25999:2006
3	Deepak N (RBEI/DSO-Dp)	May 2009	15 Yrs	CISSP, CISA, ISO/IEC 27001 - Lead Auditor
4	Vinod Kumar Vasudevan	Sep 2003	5 Yrs	CEH, ITIL V3

				(RBEI/BSW4)
5	Gautham Balasundaram (RBEI/BSD1)	2008	8 Yrs	CCNA, CEH V8,CWWH, ISO 27001 Lead Implementer
6	Kulkarni Pramodkumar V (RBEI/DSO12)	Jun 2000	5 Yrs	ISO/IEC 27001 - Lead Auditor
7	Naresh Bikkina (CI/WBS-EU)	Sep 2012	4 Yrs	CEH, ISO27001 Lead Auditor
8	Anish Marangattu Ramadas (RBEI/BSW4)	May 2011	2 Yrs	CEH
9	Harish Prabhu Pethanan (RBEI/BSW4)	Aug 2014	3 Yrs	CEH
10	Prakash Thangavelu (RBEI/BSW4)	Sep 2010	5 Yrs	CEH
11	Sudhakar Srinivasamurthy (RBEI/BSD1)	June 2011	2 Yrs	ITIL V3, ISO/IEC 27001 - Lead Auditor

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

   Bosch Healthcare solution- Bosch has developed a comprehensive solution consisting of a digital eye care device in conjunction with software.

   This solution has various modules integrated which requires security implementation end to end

   1. **Web Application**
   2. **Web services**
   3. **Android App**
   4. **iOS App**
   5. **Hardware Device**
   6. **Bosch Cloud**

   1. **Security experts assisted in building a secure solution from early stage.**
   2. **Since the patient data is considered critical, our security experts made sure that there is no possible way to steal the data by attackers**
   3. **Security team supported in complying product with HIPAA standards**

   Project value is about USD 25000

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

   1. **Commercial - Checkmarx, Acunetix, Burp suite Pro**
   2. **Freeware -   Wireshark , Metasploit, ZAP , SQLMap, NMAP, OpenVAS**

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

 *Information as provided by **Robert Bosch Engineering and Business Solutions Private Limited** on **04/07/2017**

M/s Qseap InfoTech Pv.t Ltd.

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

    Name: - Qseap InfoTech Pv.t Ltd.

    Registered Office Address: -

    452, Central Facility Building No - 2,
    Sector - 19, APMC Vashi,
    Navi Mumbai-400705, Maharashtra, INDIA

    Corporate Office Address: -

    Office No. 101, Building No. 06, Sector No. 03,
    Millennium Business Park, Kopar Kharine, Navi Mumbai,
    Maharashtra 400710.

2. Carrying out Information Security Audits since   :   **November 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.)   :   **YES**
    - Mobile-application security audit   :   **YES**
    - Secure Code Review   :   **YES**
    - External/Internal Penetration Testing   :   **YES**
    - Firewall Rule Base Audit   :   **YES**
    - Threat Modeling   :   **YES**
    - Web Service/ Flash/ Bluetooth Security Testing   :   **YES**
    - Ethical Hacking/ blind Hacking   :   **YES**
    - VoIP Security Review   :   **YES**

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

    Govt.   :   10
    PSU   :   2
    Private   :   30+
    Total Nos. of Information Security Audits done   :   ~45

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   :   40
    Wireless security audit   :   2
    Compliance audits (ISO 27001, PCI, etc.)   :   1

6. Technical manpower deployed for information security audits :

    CISSPs   :
    BS7799 / ISO27001 LAs   :   1
    CISAs   :
    DISAs / ISAs   :
    Any other information security qualification: *CEH, OSCP, CCNA*
    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	Duration with <organization>	Experience in Information Security	Qualifications related to Information security
1.	SUNIL KAPRI	6 YEARS	10 YEARS	EMBA, BE (IT)
2.	PRAVEEN SINGH	6 YEARS	10 YEARS	B.TECH (IT)
3.	ABHIJEET DOKE	5 YEARS	5 YEARS	B.E (IT) CISC
4.	ABHISHEK TIWARI	5 YEARS	5 YEARS	MSC (IT), CISC
5.	MOHSIN DESHMUKH	7 MONTH	7 MONTH	B.E (COMPUTER ENGG.)
6.	ANUP NAIR	7 MONTH	3 YEARS	B.E (IT) , CEH
7.	SWAPNALI DIGHE	3 YEARS	3 YEARS	B.SC , CEH
8.	KALYANI MALI	1 & HALF YEAR	1 & HALF YEAR	B.E (IT) , CEH
9.	PRAJAKTA VAITY	1 & HALF YEAR	1 & HALF YEAR	B.E (IT) , CEH
10.	AMEYA HATKHAMBKAR	1 & HALF YEAR	1 & HALF YEAR	B.E (IT) , CEH
11.	SANDEEP DEOGIRE	1 & HALF YEAR	1 & HALF YEAR	MSC.COMPUTER
12.	SHASHANK PUTHRAN	1 .5 YEAR	1 .5 YEAR	B.SC (IT), OSCP
13.	SAMEED KHAN	1 .5 YEAR	1 .5 YEAR	B.E (IT) , CEH
14.	AWDHESH YADAV	7 MONTH	7 MONTH	B.SC (IT) , CCNA
15.	VARUN KARAYAT	7 MONTH	7 MONTH	B.SC (CS)
16.	VIGNESH	1 .5 YEAR	1 .5 YEAR	B.E (IT)
17.	KARTIK	8 MONTHS	8 MONTHS	B.E (ELE), CEH
18.	SOORAJ KUMAR	2 YEARS	2 YEARS	MSC.IT, CEH
19.	RUKSAR PATHAN	1 & HALF YEAR	1 & HALF YEAR	B.E (EXTC)
20.	SUPRIYA PATIL	2 YEARS	2 YEARS	MSC (IT), CEH
21.	SHRINATH NARAYANKAR	7 MONTHS	7 MONTHS	B.E (IT)
22.	ATHUL	4 YEARS	4 YEARS	B.SC (IT)
23.	SWAPNIL RANE	2 YEARS	2 YEARS	B.SC
24.	VIDIT DAS	1 & HALF YEAR	1 & HALF YEAR	B.SC
25.	AJIT SHARMA	5 YEARS	5 YEARS	B.SC IT
26.	SAURAV BHATT	3 YEARS	3 YEARS	BCA
27.	DOSHAN JINDE	3 YEARS	3 YEARS	B.SC (IT), CEH
28.	AJITA GAWAI	5 YEARS	5 YEARS	MSC NETWORK SYSTEM ENGINEERING

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

Project Value: 50 Lac's INR

Activity	Scope	Complexity	Location
Penetration Testing/Configuration Review of assets (Applications and Infrastructure elements) under PCI Scope	-Configuration Review of 9 Systems (TPAM, iAccess Plus, Tripwire, NIPS, Symantec End Point, Active Directory, WAF, DLP, Websense Proxy) -Application Security testing of 13 Applications -VAPT of 109Servers (Production Servers, DR, Support Systems) -Config Review of 109 Servers	-Understanding various applications and devices in scope. - Preparation of checklists and baseline for third party proprietary devices	Saudi Arabiya, Riyadh

	and 20 Database servers		
Security Review of PCI Network Segmentation	Detailed configuration review of 17 Firewalls, 9 Routers, 10 Switches. This included rule base review to understand segmentation VA of above mentioned devices.		Saudi Arabiya, Riyadh
PCI Secure Code Training			Saudi Arabiya, Riyadh
Penetration Testing of mission critical transactional applications	20 Core Banking Applications		Saudi Arabiya, Riyadh
Security Review of 3rd Party Connections	Third party services like Swift, Bloomberg, VISA/Mastercard, Sms gateway, Payroll etc.	-Understanding the architecture of various applications -Identifying data flowing towards third party applications. -Spotting the relevant rules in firewall rule base	Saudi Arabiya, Riyadh
Security review of remote conferencing and sharing facilities	Webex server and Cisco Jabber (VAPT)		Saudi Arabiya, Riyadh
Security Review of VPN and Websense Proxy			Saudi Arabiya, Riyadh
Critical Infrastructure Security Review	Review of Access to e-DMZ and p-DMZ		Saudi Arabiya, Riyadh
Security Review of Cash Acceptance Machines	Kiosk server & Application VAPT and process review		Saudi Arabiya, Riyadh
Establish security control baselines	Review of current baselines	Understanding the business requirement. Establishing baselines as per the business needs	Saudi Arabiya, Riyadh
Penetration Testing and Security Source Code Review for CustoMobile			Saudi Arabiya, Riyadh

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

Commercial:

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

Freeware:

- Nmap
- DOMTOOLS - DNS-interrogation tools
- Nikto - This tool scans for web-application vulnerabilities
- Firewalk - Traceroute-like ACL & network inspection/mapping
- Hping – TCP ping utilitiy
- Dsniff - Passively monitor a network for interesting data (passwords, e-mail, files, etc.). facilitate the interception of network traffic normally unavailable to an attacker
- HTTrack - Website Copier
- Tools from FoundStone - Variety of free security-tools
- SQL Tools - MS SQL related tools
- John - John The Ripper, Password-cracking utility
- Paros - Web proxy for web application testing
- Wikto - Web server vulnerability assessment tool
- Back Track
- MetaSploit
- Ethereal - GUI for packet sniffing. Can analyse tcpdump-compatible logs
- NetCat - Swiss Army-knife, very useful
- Hping2 - TCP/IP packet analyzer/assembler, packet forgery, useful for ACL inspection
- Brutus – password cracking for web applications, telnet, etc.
- WebSleuth - web-app auditing tool
- HTTPrint – detect web server and version
- OpenVas
- W3af
- Owasp Mantra
- Wire Shark
- Ettercap
- Social Engineering Tool Kit
- Exploit database
- Aircrack-Ng
- SOAPUI
- Hydra
- Directory Buster
- SQL Map
- SSL Strip
- Hamster
- Grimwepa
- CAIN & Able
- Rips
- xIron Wasp
- Fiddler
- Tamper Data
- FOCA

Proprietary: -

- Own developed scripts for Operating System and Database Audit.

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

*Information as provided by **Qseap InfoTech Pvt. Ltd.** on **29-06-2017**

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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
   (8 Years – 5 Months)

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
• BCP Policy Formation & Assessment	:	YES
• BCP DR Testing & Implementation	:	YES

4. Information Security Audits carried out in last 12 Months

Govt.	:	6
PSU	:	2
Private	:	12
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	:	5
Web-application security audit	:	10
Information Technology Security Audit	:	20
Data Migration Audit	:	3
Physical and Environment Security Audit	:	12
CBS/ERP Application Security Assessments	:	1
Internet & Mobile Security Audit	:	4
Information Security Policy Formulation & assessment	:	4
Cyber Forensics & Mail Forensics Analysis	:	2
Wireless security audit	:	1
Compliance audits (ISO 27001, PCI,CCA,IRDA,CRA etc.)	:	4
BCP Policy Formation & Assessment	:	1
BCP DR Testing & Implementation	:	1

6. Technical manpower deployed for information security audits

CISSPs	:	1
BS7799 / ISO27001 LAs	:	4
BS25999	:	1
LA-QMS-ISO 9001:2015	:	1
LA-BCMS-ISO 22301:2012	:	1

LA-ITSM-ISO/IEC 20000-1:2011	:	1
CISAs	:	9
DISAs / ISAs	:	2

Any other information security qualification:

1. Offensive Security Certified Professional	:	1
2. Certified Ethical Hacker	:	3
3. M.Sc/M.Tech- Cyber Forensics and Information Security	:	3
4. PG Diploma in Cyber Law	:	1
5. System Security Certified Practitioner	:	1
6. CloudU	:	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)   :   **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 Banks 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(If yes, kindly indicate mode of arrangement (MoU, contract etc.)   :   No

Sl.No	Name of Employee	Duration with organization	Experience in Information Security	Qualifications related to Information security
1.	T Manoj Kumar Jain	10 Years 3 Months	6 Years 5 Months	CISA
2.	R Chandrasekhar	6 Years 11 Months	14 Years	CISA, DISA, CISSP, ISO 27001:2013 Lead Auditor, ISO 25999, PG Diploma Cyber Law
3.	VinodhKumarar S K	2 Years 6 Months	2 Years 6 Months	Offensive Security Certified Professional (OSCP), Certified Ethical Hacker (C|EH), M.Sc., Cyber Forensics & Information Security
4.	T Mariappan	7 Years 9 Months	6 Years 5 Months	CISA, DISA
5.	Saran Kumar M	1 Year 10 Months	2 Years 10 Months	M.Sc., Cyber Forensics & Information Security
6.	BalajiBharadwaaj M	2 Years 10 Months	2 Years 10 Months	ISO 27001:2013 Lead Implementer, CISA, SSCP, CloudU
7.	Vinodhini G	9 Months	9 Months	CISA, , ISO 27001:2013 Lead Auditor
8.	Sangeetha N	10 Months	10 Months	CISA
9.	Arul Selvan R	9 Months	9 Months	Certified Ethical Hacker (C|EH),M.Tech-Information Security & Cyber Forensics
10.	Mohammed Mubariz S	2 Years 8 Months	2 Years 8 Months	CloudU
11.	T Chandra Prakash Jain	5 Years	4 Years 6 Months	CISA
12.	Pavana Kumar LKG Mushti	3 Years	3 Years	CISA
13.	Sreevatchan S	6 Months	6 Months	Certified Ethical Hacker (C|EH)

Sl.No	Name of Employee	Duration with organization	Experience in Information Security	Qualifications related to Information security
14.	Kamalutheen A	3 Months	3 Months	CISA,LA-QMS-ISO 9001:2015 LA-BCMS-ISO 22301:2012 LA-ITSM-ISO/IEC 20000-1:2011 LA-ISMS-ISO/IEC 27001:2013, Investigation Basics

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

M/s Indusface Pvt. Ltd.

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

    Indusface Pvt. Ltd
     A-2/3, 3rd Floor, Status Plaza,
    Opp. Relish Resort, Atladara Old Padra Road,
    Vadodara - 390020, Gujarat, India

2. Carrying out Information Security Audits since   :   **2004**

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**
    - Mobile application security audit   :   **Y**
    - Compliance audits (ISO 27001, PCI, etc.) (Y/N)   :   **N**

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

    Govt.   :   *17 plus*
    PSU   :   *40 plus*
    Private   :   *600 plus*
    Total Nos. of Information Security Audits done   :   **5000 plus**

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

    Network security audit   :   **25 plus**
    Web-application security audit   :   **1000 plus**
    Wireless security audit   :   **10 plus**
    Mobile application security audit   :   **500 plus**

6. Technical manpower deployed for information security audits :

    CISSPs   :
    BS7799 / ISO27001 LAs   :
    CISAs   :
    DISAs / ISAs   :
    CEH   :   *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 *<organization>*	Experience in Information Security	Qualifications related to Information security
1	Khushboo sharma	1.8 years	9.7 years	CEH
2	Rahul PK	1.8 years	3.1 years	
3	Rahul Kshirsagar	2.3 years	2.7 years	CEH
4	Mukesh Chaudari	1.1 years	1.5 years	CEH
5	Deepti Pathak	1.2 years	2.6 years	
6	Ambreen Ansari	1.6 years	2.2 years	CEH
7	Trupti Sable	0.6 years	3 years	CEH
8	Amit Dubey	0.6 years	1.0 years	CEH
9	Mayur Patil	0.3 years	2.2 years	CEH
10	Pranav Pisal	0.8 years	1.4 year	CEH
11	Sagar Shah	3.5 years	3.9 years	CEH
12	kalpana	1.5 years	2.1 years	CEH

8. Specify Largest Project handled in terms of scope (in terms of volume, complexity, locations etc.) along with project value.: **Reliance- RDAG, 50 Lakhs**

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

Sr No	Testing Environment	Tool Name	Commercial/ Freeware/Proprietary
1	Web Appsec	Burp Suite Professional	Commercial
2		SQLmap	Freeware
3		Dirbuster	Freeware
4		Wireshark	Freeware
5		Winhex	Commercial
6		Indusguard Scanner	Proprietary
9	Mobile Appsec	Android SDK	Freeware
10		GenyMotion	Freeware
11		ApkTool	Freeware
12		Dex2Jar	Freeware
13		JD-Gui	Freeware
16		Burp Proxy	Commercial
17		iOS Simulator	Freeware
18		Cydia	Freeware
20		iTools	Freeware
22		iNalyzer	Freeware
23		Androbugs	Freeware
24	Network VAPT	NMap	Freeware
25		Nessus	Commercial
26		Rapid7	Commercial
27		TestSSLScan	Freeware
28		SSLScan	Freeware

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

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

 * Information as provided by Indusface Pvt. Ltd on 10th July 2017

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

M/s Haribhakti & Company LLP, Chartered Accountants

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

   Haribhakti & Company LLP, Chartered Accountants
   701, Leela Business Park, Andheri Kurla Road, Andheri (E)
   Maharashtra India 400059

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
   - IT General Controls Review   :   Yes
   - Vulnerability Assessment/Penetration Testing   :   Yes
   - Cyber Security Awareness Workshop for Board Member
     and Senior Members of Management   :   Yes
   - Application/ERP Post implementation Review   :   Yes
   - SAP – configuration controls review for various modules like Finance
     and Costing, Material Management, Sales and Distribution, Production
     planning and Quality Management, Human Resource, Use access
     entitlement review, SAP Basis   :   Yes
   - Cloud Security Review   :   Yes
   - Data Privacy Review   :   Yes
   - Data Migration Audit   :   Yes
   - Digital Forensic Review   :   Yes
   - Data Analytics   :   Yes

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

   Govt.   :   ***1***
   PSU   :   ***Nil***
   Private   :   ***20***
   Total Nos. of Information Security Audits done   :   21

   (In addition to the above engagements, we have carried out 9 ITGC reviews as a part of
   internal audit and 50+ ITGC reviews as a part of Statutory Audit engagements)

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   :   3
   Wireless security audit   :   **Nil**
   Compliance audits (ISO 27001, PCI, etc.)   :   **20**
   (As a part of IT General Controls Review/Systems audit or IT Due Diligence)
   Data Migration Audit   :   1
   Systems Audit   :   4
   Internal Financial Controls   :   8

   (*Some of the audits covers more than one scope as stated above)

6. Technical manpower deployed for information security audits :

CISSPs	:	*Nil*
BS7799 / ISO27001 LAs	:	*4*
CISAs	:	3
DISAs / ISAs	:	*2*
CEH	:	*4*
M.*Tech/MS Cyber Security*	*:*	*8*
Total Nos. of Technical Personnel	:	14

(* Some of the personnel have multiple certifications)

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 *H & Co.*	Experience in Information Security	Qualifications related to Information security
1.	Rhucha Vartak	9	9	CISA, ISO 27001: 2008, CEH
2.	Sandeep Shinde	4	9	ISO 27001:2013, CEH
3.	Kapil Shah	2	2	ISO 27001:2013, CEH
4.	Ankit Joshi	1 Year 10 Months	1 Year 10 Months	M.Tech Cyber Security and Incident Response
5.	Amit Gohel	1 Year 10 Months	1 Year 10 Months	M.Tech Cyber Security and Incident Response
6.	Chandraprakash Pandey	11	8	CISA, ISO 27001
7.	Vikas Gupta	8	2	CA, CISA
8.	Mitesh Parekh	5	5	CA, DISA
9.	Shyamal Devmurari	9 Months	9 Months	M. S. Digital Forensic & Information Assurance
10.	Kashyap Thakar	1 Year	1 Year	M.Tech Cyber Security and Incident Response
11.	Varun Taker	1 Year	1 Year	M.Tech Cyber Security and Incident Response
12.	Ashish Kapadiya	Recent Appointments as Management Trainee		M.Tech Cyber Security and Incident Response (Pursuing)
13.	Smeet Rawal			
14.	Trupal Patel			

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

The organization   provides guaranteed clearing and settlement functions for transactions in Money, G-Secs, Foreign Exchange and Derivative markets. We conducted a systems audit comprising of 21 business critical applications. **All the business operations are mission critical.** 4 of these applications and infrastructure is covered as a part of Payment Settlement Systems Act 2007 of RBI. There were more than 100 infrastructure components like mix of operating systems, databases, firewall, switches, routers etc.

Areas included Process Flow Statement, Risk Assessment of Systems, Achievement of the Business Objectives of the system,   Application level controls, IT Infrastructure assessment, OS/db and application level controls, System Life cycle Maintenance, Backup, Business Continuity Planning, Network architecture, Overview of External Personnel Security,   Physical security, General Controls and Assessment of HR requirement

The locations covered were Mumbai and Pune.

Project Value : 13 Lac

Team Size: 5

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

Nessus, NMAP, Accunetix, Burp Suite, Kali Linux, AppDetective, SQL Map, Nikto, ZAP, Wireshark, NetCat

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

*Information as provided by Haribhakti & Company LLP , Chartered Accountants on 11 July 2017

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

M/s Madhya Pradesh Agency for Promotion of Information Technology (MAP_IT)

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

    Madhya Pradesh Agency for Promotion of Information Technology (MAP_IT)
    (A Regt. Society of Department of Science & Technology, Government of Madhya Pradesh)
    State IT Center, 47-A, Arera Hills, Bhopal - 462021

2. Carrying out Information Security Audits since   :   2014

3. Capability to audit, category wise (add more if required)
    • Information Security Audit (Y/N)   :   Yes
    • Web-application Security audit (Y/N)   :   Yes
    • Vulnerability Assessment (Y/N)   :   Yes
    • Penetration Testing (Y/N)   :   Yes

4. Information Security Audits carried out in last 12 Months:
    Govt.   :   12
    PSU   :   2
    Private   :   None
    Total No. of Information Security Audits done   :   14

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

    Web-application security audit   :   14

6. Technical manpower deployed for information security audits:

    CISSPs   :   Nil
    BS7799 / ISO27001 LAs   :   1
    CISAs   :   2
    DISAs / ISAs   :   Nil
    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	Working with MAP_IT Since	Experience in Information Security	Qualification Related to Information Security
1.	Roopak Srivastava	Aug, 2014	5 Years	CISA, PMI – PMP, ITIL v3
2.	Viral Tripathi	Nov, 2015	10 Years	CCIE
3.	Priyank Soni	Apr, 2014	5 Years	CISA, ISMS LA,CEH v9
4.	Satyarth Dubey	Oct, 2015	3 Years	CSQA, COBIT Foundation, Six Sigma
5.	Vasundhara Raghuvanshi	May, 2015	3 Years	STQC-CIISA

8. Specify Largest Project handled in terms of scope (in terms of volume, complexity, locations etc.) along with project value   :   50 Govt. of MP Dept. web application audited till date.

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

S.No	Name of the Tool	Commercial/ Freeware	Functionality of the Tool
1.	OWASP ZAP	Open Source	Web Application Pen Test
2.	Burp Suite Professional	Commercial	Web Application Pen Test
3.	Accuentix WVS 11.00	Commercial	Web Application Pen Test
4.	NMAP	Open Source	Port Scanner
5.	W3af	Open Source	Web Application Scanner
6.	Wikto	Open Source	Web Application Scanner

7.	Solarwind	Open Source	Network Pen Test
8.	Back Track Tool Kit	Open Source	Network and Application Pen Test
9.	Wireshark	Open Source	Network Sniffer
10.	Netstumbler	Open Source	Wireless Scanning
11.	Aircrack	Open Source	Wireless Pen Test
12.	Airmagnet	Open Source	Wireless Pen Test
13.	Paros	Open Source	Web Application Proxy
14.	Nipper	Open Source	Network Configuration File
15.	Nikto	Open Source	Network Pen Test
16.	Netcat	Open Source	Network Pen Test
17.	Cain&Abel	Open Source	ARP Poisoning, DNS Poisoning
18.	Mobisec	Open Source	Mobil Application Pen Test
19.	Uniscan	Open Source	Web Application Pen Test
20.	SQL MAP	Open Source	Web Application Pen Test

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

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

M/s ANB Solutions Pvt Ltd

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
    - Software Asset Management : Yes
    - Vulnerability Assessment and Penetration Testing : Yes
    - Business Continuity and Disaster Recovery : Yes
    - Application Security Review : Yes
    - Regulatory System Audits : Yes
    - Cyber Security Review : Yes

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

Govt.	:	2
PSU	:	0
Private	:	72
Total Nos. of Information Security Audits done	:	**74**

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	:	**4**
Wireless security audit	:	**1**
Compliance audits (ISO 27001, PCI, etc.)	:	**14**
Application Security Audit	:	**38**
ITGC DC Audit	:	**38**
Application Security Audit	:	**32**
Business Continuity and Disaster Recovery	:	**11**
Application Security Audit	:	**32**
VAPT	:	**15**
Vendor Risk Management	:	**5**
Software Asset Management	:	**1**

6. Technical manpower deployed for information security audits :

CISSPs	:	**1**
BS7799 / ISO27001 Las	:	**14**
CISAs	:	**8**
DISAs / ISAs	:	**4**
CEH	:	**5**
ISO22301 IA	:	**5**
Total Nos. of Technical Personnel	:	**30**
		more than

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 *ANB*	Experience in Information Security	Qualifications related to Information security
1	Nirma Varma	16 years	16 years	• CISA • BS7799LA • ISO 22301 IA
2	Vasudha Sawant	10 years	10 years	• CISA • ISO 22301 IA
3	Rashmi Maydeo	12 years	12 years	• CISA • CISSP • ISO 27001 LA • ISO 22301 IA
4	Preeti Raut	8 years	8 years	• CISA • ISO 27001 LA • ISO 22301 IA
5	Pradeep Patil	2 years	10 years	• CISA • ISO 27001 LA
6	Vinit Shah	3.5 years	3.5 years	• CISA (Associate) • DISA • ISO 27001 LA
7	Pranay Shah	6 years	2 years	• CISA (Associate) • DISA
8	Remella Suman	9 years	9 years	• ISO 22301 IA • Lean Six Sigma Black Belt • ITIL Foundation v.3 • PRINCE2 Practitioner
9	Varun Sharma	1 year	3 years	• CEH • ISO 27001 LA
10	Kunal Mehta	3 month	10 years	• CISA • ISO 27001 LA • ITIL v3
11	Rajeev Kumar	1.9 years	1.9 years	• ISO 27001
12	Sukanya Kanawade	2 years	2 years	• CEH • ISO 27001 LA
13	Vibha Yadav	4 months	9 years	• ISO 27001 LA
14	Niraj Soni	9 months	1 year	• DISA
15	Mayuri Shah	8 months	8 months	• DISA
16	Harshad Mahajan	6.4 years	6.4 years	• ISO 27001 LA
17	Rahul Kamble	3 years	4.5 years	• CEH
18	Sampoorna Nagamalli	12 years	10 years	• ISO 27001 LA
19	Divya John	11 onths		• ISO 27001 LA
20	Rajeev Kumar	1.10 years	1.10 years	• ISO 27001 LA
21	Preeti Sangmule	3.7 years	6.8 years	•ISO 27001 LA • ITIL •CEH
22	Sudhanshu Rana	8-9 months	8 years	•CEH •CHFI •ECSA

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 125 system and Penetration Testing for 5 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	- Nmap - Snmp Walk - Metasploit - Cookie Editor - Echo Mirage - Winhex - Kali Linux Framework - Wireshark - APK Analyser - SQLMAP - Dirbuster - OWASPZAP - VAMT
2	Commercial	- Nessus Professional - Burp Suite Professional - ARSIM - Lansweeper - License Compliance Auditing Software
3	Proprietary	- 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.))

 *Information as provided by ANB Solutions Pvt. Ltd. on 29th November 2017

Back

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:

   The Ruby, Level 9, 29, Senapati Bapat Marg,
   Dadar West, Dadar, Mumbai, Maharashtra 400028

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
   - Information Technology Audits   (Y/N) : Yes
   - Application control audit (Y/N) : Yes
   - IT Governance Audit (Y/N) : Yes
   - Cyber Security Assessments(Y/N) : Yes
   - Business continuity and disaster recovery : Yes
   - Software Compliance Review(Y/N) : Yes
   - IT General Control Review(Y/N) : Yes
   - Network Architecture Design Review(Y/N) : Yes
   - SSAE 18 & SOC 2 Audit (Y/N) : Yes
   - WebTrust Audit(Y/N) : Yes
   - Vulnerability Assessment and penetration testing : Yes

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

Govt.	:	3 Approximately
PSU	:	6 Approximately
Private	:	15 Approximately
Total Nos. of Information Security Audits done	:	25 Approximately

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

Network security audit	:	5 Approximately
Web-application security audit	:	5 Approximately
Wireless security audit	:	2 Approximately
Compliance audits (ISO 27001, PCI, etc.)	:	15 Approximately

6. Technical manpower deployed for information security audits :

CISSPs	:	4 Approximately
BS7799 / ISO27001 LAs	:	5 Approximately
CISAs	:	4 Approximately
DISAs / ISAs	:	4 Approximately
Any other information security qualification	:	15 Approximately
Total Nos. of Technical Personnel	:	30 Approximately

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.	Kartik Radia	7 *	12	FCA, CPA, CISA, CIA, ACS, ACM
2.	Shravan Prabhu	0.2	12	ISO 22301 LA

3.	Seemant Bisht	1	4.6	OSCP, Certified ethical hacker
4.	Ajinkya Ramesh Nikam	2.5	3	Certified ethical hacker, Certified forensic analyst, CISC
5.	Anita Patade	1.5	2	Certified forensic analyst, Certified information security consultant
6.	Bhavika Jain	0.5	2	MSc in Cyber Forensic and IT Security, BSc in Forensic Science
7.	Priya Raorane	0.3	5	CCNA,CCNA Security,CEH V7
8.	Mangesh Kolaskar	1.5	1.5	-
9.	Burgis Elavia	0.6	2	Certified ethical hacker V9

- * Kartik has served BDO with total experience of 7 years

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

   1. **Information technology audit for largest vehicle Manufacturing Company in India**

      More than 1000+ end-points, 50+ servers, spread over 17 locations of the country

      Project value: approximately INR: 15 Lakhs

   2. **SOC 2 Type II and Web Trust Audit for one of the biggest trust service provider company**

      More than 5 location across the world in scope of SOC 2 Type II and Web trust Audit.

      Project Value approximately INR: 40 Lakhs

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

   Commercial Tools:

   1. Nessus
   2. Acunetix
   3. Burp-Suite
   4. Netsparker
   5. Encase
   6. FTK

The above list of tools is indicative.

Details of Audit Tools-Freeware

S. No.	Tool Name	Description
1.	Achilles	A tool designed for testing the security of Web Applications.
2.	Brutus	A Windows GUI brute-force tool for FTP, Telnet, POP3, SMB, HTTP, etc.
3.	CrypTool	A Cryptanalysis Utility

4.	cURL	Curl is a tool for transferring files with URL syntax, supporting FTP, FTPS, HTTP, HTTPS, GOPHER, TELNET, DICT, FILE and LDAP
5.	Exploits	Publicly available and homemade exploit code for the different vulnerabilities around
6.	Fscan	A command-line port scanner, supporting TCP and UDP
7.	Elza	A family of tools for arbitrary HTTP communication with picky web sites for the purpose of penetration testing and information gathering
8.	Fragrouter	Utility that allows to fragment packets in funny ways
9.	HPing	A command-line oriented TCP/IP packet assembler/analyzer. It supports TCP, UDP, ICMP and RAW-IP protocols, has a trace route mode, the ability to send files between a covered channel, and many other features.
10.	ISNprober	Check an IP address for load-balancing.
11.	ICMPush	A tool that sends ICMP packets fully customized from command line
12.	John The Ripper	A password cracker
13.	L0phtcrack	NTLM/Lanman password auditing and recovery application
14.	Tenable Nessus	A free, powerful, up-to-date and easy to use remote security scanner. This tool could be used when scanning a large range of IP addresses, or to verify the results of manual work.
15.	Netcat	The swiss army knife of network tools. A simple utility which reads and writes data across network connections, using TCP or UDP protocol
16.	NMAP	The best-known port scanner around
17.	p0f	Passive OS Fingerprinting: A tool that listens on the network and tries to identify the OS versions from the information in the packets.
18.	Pwdump	Tools that grab the hashes out of the SAM database, to use with a brute-forcer like L0phtcrack or John
19.	SamSpade and Dnsstuff	Graphical tool that allows to perform different network queries: ping, nslookup, whois, IP block whois, dig, traceroute, finger, SMTP VRFY, web browser keep-alive, DNS zone transfer, SMTP relay check, etc.
20.	HELIX3	collect data from physical memory, network connections, user accounts, executing processes and services, scheduled jobs, Windows Fegistry, chat logs, screen captures, SAM files, applications, drivers, environment variables and Internet history
21.	FTK	Multi-purpose tool, FTK is a court-cited digital investigations platform built for speed, stability and ease of use.
22.	SANS Investigative Forensics Toolkit - SIFT	Multi-purpose forensic operating system
23.	Wireshark	Open-source packet capture/analyzer, backend library used is [win]pcap.

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

    Not Applicable

*Information as provided by **BDO India LLP** on **04/12/2017**

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

M/s CMS IT Services Pvt Ltd

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

      CMS IT Services Private Limited
      No. 236, Venkatadri IT Park,Konappana Agrahara
      Electronic City Phase-1,Bangalore, Karnataka – 560100

      Registered Address: 2nd Floor, "61 Radius"
      Plot No. 61, Road No. 13 MIDC, Andheri
      (East), Mumbai City MH 400093 IN

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
      - Infra security audit (Y/N)   :   Y
      - Strategy/Security roadmap audit (Y/N)   :   Y
      - Compliance audit (ISO 27001, PCI, etc.) (Y/N) :   Y

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

      Govt.   :   ***<0>***
      PSU   :   ***<1>***
      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   :   **<9>**
      Web-application security audit   :   **<5>**
      Wireless security audit   :   **<6>**
      Infra security audit   :   **<9>**
      Strategy/Security roadmap audit   :   **<1>**
      Compliance audit (ISO 27001, PCI, etc.)   :   **<6>**

6. Technical manpower deployed for information security audits :

      CISSPs   :   ***<1>***
      BS7799 / ISO27001 LAs   :   ***<4>***
      ISO27001 LIs   :   ***<2>***
      CISAs   :   ***<2>***
      DISAs / ISAs   :   ***<0>***
      Any other information security qualification :   ***<30 >***
      Total Nos. of Technical Personnel   :   135

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 CMS IT Services	Experience in Information Security	Qualifications related to Information security
1.	Aditya Vardhan	3.5	17	CISA, CISSP, CPISI
2.	Avinash Jadhav	1.8	8	ISO27001 LA, CISA, CHFI
3.	Vinamra Rai	2.8	2.8	M.S in Cyber Law and Information Security, ISO 27001:2013 LI, CEH, Cyber octet CPISA

4.	Srinivas Rao Sirikonda	11	11	MCSE
5.	A V H S Prasad Rao	7.3	9.3	CCNP, CEH, MCTS
6.	R Prasun Kumar Naidu	0.8	3.8	M.S in Cyber Law and Information Security, ISO 27001:2013 LI, ITIL 2011 F
7.	Tajinder Pal Singh Kalsi	1.4	7	ISO 27001:2013 LA
8.	Ankita Singh	2	2.5	ISO27001 LA
9.	Alok Kumar	0.9	2	ISO27001 LA
10.	Ritesh Kumar	0.6	6	MCSA, CCNA, CCDE
11.	Paresh Ravindranath Chogle	17.3	17.3	CCNP R&S
12.	Kalpesh S Patwa	22.4	22.4	HCNP (Huawei Certified Network Professional), CCNSP (Cyberoam Certified Network Security Professional), VTSP - NV (Network Virtualization 2016)
13.	Ajit Kumar Potnuri	2.7	2.7	MCSE (OEM Certification -Trend)
14.	Unaise E K	1.2	1.2	CCNA
15.	Naga Srinivas Mangipudi	2.5	2.5	CCNA

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

Leading Energy (Public) sector organization – Yearly Security Audits

The audit was conducted across complex architecture of multiple Gateway Locations and audit comprised of:

- Policy/Process Assessment
- Network Architecture Review
- Network Security Assessment
- Security Configurations Review
- Vulnerability Assessment & Penetration Testing (Applications & Infra)

Emerging (Unconventional) Power sector company – Information Security Audit

The audit was conducted across the enterprise aiming at identifying the gaps in security posture and remediating them through a well-established Security Roadmap:

- Information Security Roadmap development
- Cloud Landscape Assessment
- Policy/Process Assessment
- Network Architecture Review
- Network Security Assessment
- Security Configurations Review
- Vulnerability Assessment & Penetration Testing (Applications & Infra)

Leading FMCG organization – Security assessment

This assessment was conducted across the enterprise to identify vulnerabilities that were existent in network, devices and web applications, and the remediation thereof,

- Policy/Process Assessment
- Network Security Assessment
- Vulnerability Assessment & Penetration Testing (Applications & Infra)

Leading Manufacturing sector organization – Security Assessment

This assessment was conducted across the organization targeted towards preparation for ISO 27001:2013 certification:

- Policy/Process Assessment
- Network Security Audit
- Security Configurations Review
- Vulnerability Assessment & Penetration Testing

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

   Commercial:

   - Nessus
   - Acunetix
   - Burp Suite

   Freeware:

   - Kali Linux
   - Nmap
   - Wireshark
   - SQLMap
   - TCPDump
   - Metasploit
   - OpenVAS
   - Nikto
   - Dirb
   - Open source tools

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

 *Information as provided by CMS IT Services Pvt. Ltd. on 04/12/2017

Back

M/s Esec Forte Technologies Pvt Ltd

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

> **M/S ESEC FORTE TECHNOLOGIES PRIVATE LIMITED.**
>
> > **Registered Address:**
> >
> > Pocket A-2 Sector-5, Rohini, **Delhi**-110085,
> >
> > **Corporate Office (Mailing Address):**
> >
> > Level 2, Enkay Centre, Vanijya Kunj,
> > Udyog Vihar, Phase V, **Gurgaon** -122016 (Opp. Cyber Hub)
> >
> > **Branch Office:**
> >
> > - 165, Intermediate Ring Rd, Amarjyoti Layout, Domlur,
> >   Bengaluru, Karnataka 560081
> >
> > - Plot C 59, Bandra Kurla Complex,
> >   9th Floor, Platina, G Block, **Mumbai** – 400051
> >
> > - C-38, Sahityik Sailajaranjan St Sec-2A,
> >   Bidhannagar, **Durgapur**, WB– 713212

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.) : **Yes**
   - Digital Forensics and Malware Analysis : **Yes**
   - DDOS Assessment : **Yes**
   - Gap Assessment : **Yes**
   - Social Engineering Engagement : **Yes**

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

   Govt. : ***01***
   PSU : ***02***
   Private : ***15***
   Total Nos. of Information Security Audits done : **18**

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 : **5**
   Wireless security audit : **1**
   Compliance audits (ISO 27001, PCI, etc.) : **2**
   Wireless Assessment Audits : 1
   DDOS Assessment : 1
   Social Engineering Engagement : 1

6. Technical manpower deployed for information security audits :

   CISSPs : ***1***
   BS7799 / ISO27001 LAs : ***3***
   CISAs/ CISMs : ***1***
   DISAs / ISAs : ***0***

Any other information security qualification   : ***CEH – 6,
ECSA, CDFE, Nexpose Certified, Metaploit Certified, Tenable Certified, MCSE,
ITIL V3, Cyberark Vault Admin, PCI DSS 3.2, Sourcefire Certified,
QualysGuard Security Expert.***

Total Nos. of Technical Personnel   :   13 –Information Security;
(50+ Total team Size)

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	Information Security Related Qualification	Total Experience in Information Security Related activities (Years)
1	Lt Col Snehamoy Banerjee (Retd.)	August 2016	CISM, CEH v9, ISO 27001 LA, Nexpose Administrator (VM),M.Tech (IIT, Kanpur), DP (IIM,Lucknow) , B.Tech (MCTE)	28
2	Sachin Kumar	April 2011	CISSP, CEH v9, CDFE, ISO 27001,Nexpose Certified Administrator, Metasploit Certified Administrator,B.Tech	11
3	Saurabh Seth	April 2017	CEH, MCSE: Security, ITIL V3,ECSA, CyberarK Vault Administrator, CPISI – PCI DSS v3.2, Sourcefire Certified Professional, Qualys Guard Security Expert. MS Cyber Law	10
4	Kunal Bajaj	September 2013	ISO 27001, B.Tech, MBA	9
5	J.K	February 2016	CEH v9, M.Tech	2
6	H.S	April 2014	CEH v9, B.Tech, MBA (Result Awaited)	2
7	P.B	August 2017	CEH V9,Advanced Ethical Hacking,Ethical Hacking and Forensics, CSE	1
8	VI.R	Jan 2017	M.Tech,B.Tech	1
9	P.S	August 2015	M.Tech (ICT)	3
10	V.RA	Dec 2016	B.E	1
11	J.W	July 2017	B.Tech	1
12	A.T	Sep 2014	B.Tech	3

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

S.No	Brief Description of Work	Details of Contact Person at Auditee Organization (Name, email, website, URL, Mobile telephone etc)
1	Vulnerability Assessmemt – 600 IP External Pen Testing 100 IP Configuration Audit- 40 Devices Application Assessment- 20	Leading Aviation/ Airport Management Company.
2	Vulnerability Assessment -300 IPs Penetration Testing 50 Devices Configuration Audit - 28 Devices	Leading Internet Service Provider Company
9	Vulnerability Management Implementation across multiple countries for 40,000 IPs	Leading Global Technology Company
13	Risk Assessment, ISMS Implementation, Network Security Audit	Leading Bank in Afghanistan

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

- Metasploit,
- Nexpose,
- Nessus,
- Nipper,
- Netsparker,
- Checkmarx,
- Burp Suite,
- Nmap,
- Wireshark,
- Immunity Canvas,
- Immunity Silica,
- Hak5 (Pineapple Wifi),
- Social Engineering Toolkit
- Kali Linux
- Aircrack-ng.
- Cisco Global Exploiter,
- Ettercap.
- John the Ripper.
- Kismet.
- Maltego.
- Cuckoo
- Volatility
- sslstrip
- hping3
- dnswalk
- **Proprietary** – DDOS Assessment

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

*Information as provided by < **eSec Forte Technologies Pvt. Ltd.**> on <**Dec 02 2017**>

Back

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

M/s Finest Minds Infotech Private Ltd

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

   Finest Minds Infotech Private Ltd.
   #90, 2nd Floor, 17th cross, 14th Main,
   HSR Layout, Bangalore-560102

2. Carrying out Information Security Audits since   :   2016

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)   :   N
   - Compliance audits (ISO 27001, PCI, etc.) (Y/N)   :   Y

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

   Govt.   :   01
   PSU   :   01
   Private   :   13
   Total Nos. of Information Security Audits done   :   15

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

   Network security audit   :   06
   Web-application security audit   :   20
   Wireless security audit   :   00
   Compliance audits (ISO 27001, PCI, etc.)   :   05

6. Technical manpower deployed for information security audits :

   CISSPs   :   00
   BS7799 / ISO27001 LAs   :   02
   CISAs   :   00
   DISAs / ISAs   :   00
   Any other information security qualification -CEH   :   05
   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.	Akshat Jain	1+ Years	15+ Years	MBA IIM-Lucknow
2.	Utkarsh Garg	1+ years	2+ years	M.Tech
3.	Mukul Kantiwal	1+ Years	2+ Years	B.TECH, CEH
4.	Mridul Mundhra	1 Years	2 Years	M.TECH
5.	Nikhil Ajmera	1+ Years	2+ Years	B.TECH
6.	Rahul Singh	1+ Years	2+ Years	B.TECH
7.	Sandeep C S	1+ years	1 + years	B.TECH
8.	Abhishek Singh	3+ Months	1 Year	B.TECH

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

- Application Security audit
- IT Security Audit, ISMS Consultancy /Audit
- Industrial Control Systems security audit
- Performance audit

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

Commercial
- Nessus
- WebInspect
- Acunetix
- Burp

Freeware
- Paros
- W3af
- nmap
- SQLMap
- Kismet
- Kali Linux
- Fiddler
- Wireshark
- BeEF
- Nikto
- Metasploit framework
- John the ripper

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

*Information as provided by **Finest Minds Infotech Pvt Ltd** on **03rd December 2017**

Back

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

M/s Imperium Solutions

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

   > Imperium Solutions,
   > #B4 Laxmi Niwas,
   > Opp Gokhale Hall (Bedekar School),
   > BPD Road, Naupada, Thane (W) 400602,
   > Maharashtra, India

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

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>*   :   *1*
   - PSU : *<number of>*   :   *1*
   - Private : *<number of>*   :   *13*
   - Total Nos. of Information Security Audits done   :   21
     (this includes internal audits conducted as part of ISO standard implementation)

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>**   :   **8**
   - Web-application security audit: **<number of>**   :   **6**
   - Wireless security audit: **<number of>**   :   **2**
   - Compliance audits (ISO 27001, PCI, etc.): **<number of>** :   **7**

6. Technical manpower deployed for information security audits :

   - CISSPs : **<number of>**   :   **0**
   - BS7799 / ISO27001 LAs : **<number of>**   :   **3**
   - CISAs : **<number of>**   :   **2**
   - DISAs / ISAs : **<number of>**   :   **0**
   - Any other information security qualification: **<number of>**:   **2**
     (***MS in Information Security)***
     Total Nos. of Technical Personnel   :   4

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 *Imperium Solution*	Experience in Information Security	Qualifications related to Information security
1	Ms. Tasneam V	10 yrs	15 yrs	CISA, Diploma Cyber Law
2	Mr. Prakash D'Silva	4 yrs	4 yrs	ISO 27001 Lead Auditor
3	Mr. Shrikant Iyer	7 yrs	7 yrs	CISA, Certified external auditor
4	Ms. Swedha Fernandes	5 yrs	20+ yrs	Bank Auditor
5	Mr. Jude D'Costa	6 months	6 months	MS in Information Security
6	Mr. Kirankumar Patel	6 months	6 months	MS in Information Security

8. Specify Largest Project handled in terms of scope (in terms of volume, complexity, locations etc.) along with project value.   :   Hexaware Technologies Ltd.
    (Audit and Re-Audit of 4 locations across the country and 1 location in Russia, Total of 30 servers and 20 network devices. Project Value – 3lks)

9. List of Information Security Audit Tools used (commercial / freeware / proprietary)
    *   Commercial - Nessus,
    *   Freeware – NMAP, Kali Linux,
    *   Proprietary - None

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

 *Information as provided by < **Imperium Solutions**> on <**28**th **November 2017**>

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<p style="text-align:center">Snapshot of skills and competence of CERT-In empanelled
Information Security Auditing Organisation</p>

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 : Yes
    - Vulnerability Assessment/Penetration Testing : Yes

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

Govt.	:	Nil
PSU	:	1
Private	:	25+
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)

Network security audit	:	1
Web-application security audit	:	2
Compliance audits (ISO 27001, PCI, etc.)	:	2
IT General Controls Review	:	5
IT Audit of Insurance Companies as per IRDA guidelines	:	4
Process Reviews	:	1
Regulatory Compliance Audits - Exchange Members Annual Compliance System Audit, etc.	:	25+
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	:	3
CISAs	:	5
DISAs / ISAs	:	2
Any other information security qualification:	**:**	1
Total Nos. of Technical Personnel :		
(* Some of the personnel have multiple certifications)		

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-05	8	DISA
3.	Mithun Lomate	Mar-10	6	CISA, COBIT Assessor
4.	Ganesh Mane	Jan-16	7	OSCP, H3X, CFE, CPT
5.	Vidya Kamath	Feb-16	12	CISA, ISO 27001 LA
6.	Varsha Ahuja	Feb-16	2	CISA
7.	Kamlesh Kale	Jul-16	6	CISA, CISM, ISO 27001 LA

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

Client Name: 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 9001:2008, 14001:2004 & 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 audit of internal process for each department and effectiveness of controls implemented based on ISO 9001:2008, 14001:2004 27001:2013 and as per TOR of SEBI circular CIR/CDMRD/DEICE/01/2015 dated November 16, 2015, excluding VA & PT.
4.	Vulnerability Assessment and Penetration Testing (VA & PT) of all servers and network components.
5.	Reviewing and updating BCP, DRP for new changes, if any and Review for area of improvement as per ISO 22301 standard.
6.	Preparing Cyber Security & Resilience Policy considering the SEBI circular and industry best practices
7.	Consultancy for Implementation of Cyber Security & Resilience Policy
8.	Review the controls implementation against Guidelines for Protection of National Critical Information Infrastructure issued by National Critical Information Infrastructure Protection Centre, National Technical Research Organization

Locations: Mumbai & Delhi

Project Value: 15 lakhs.

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

- **Freeware Tools**
    o Nmap, Superscan and Fport - Port Scanners
    o Metasploit framework, Netcat, BeEF , Cain & able, Hydra, John the ripper - Penetration Testing & Password cracking
    o Process explorer, Sigcheck - Windows Kernel & malware detection
    o Netstumbler , Aircrack-ng suite & Kismet – WLAN Auditing
    o OpenVas, W3af, Nikto - Vulnerability scanner
    o Wireshark – Packet Analyser
    o SQL Map
    o Kali Linux and all tools inbuilt into it.

- **Commercial Tools**
    o Nessus – Vulnerability Scanner
    o Burp Suite, Acunetix - Web application auditing
    o Passware: Password Cracking

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

 *Information as provided by <**Kochar Consultants Private Limited**> on <**28/11/2017**>

M/s Larsen & Toubro Infotech Ltd

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

    LTI (A Larsen & Toubro Group Company)
    L&T House,
    Ballard Estate, Mumbai 400 001, India

2. Carrying out Information Security Audits since   :   **2012**

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

    - Network security audit   :   Yes
    - Web-application security audit   :   Yes
    - Network Penetration Testing   :   Yes
    - Mobile Application Security testing   :   Yes
    - Wireless security audit   :   Yes
    - Compliance audits (ISO 27001, PCI, etc.)   :   Yes

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

    Govt.   :   10+
    PSU   :   0
    Private   :   62+
    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   :   6
    Web-application security audit   :   50+
    Network Penetration Testing   :   10+
    Mobile Application Security testing   :   4
    Wireless security audit   :   0
    Compliance audits (ISO 27001, PCI, etc.)   :   2

6. Technical manpower deployed for information security audits :

    CISSPs   :   2
    BS7799 / ISO27001 LAs   :   7
    CISAs   :   2
    DISAs / ISAs   :   0
    OSCP   :   1
    CEH   :   24
    CHFI   :   2
    CCNP and CCNA   :   11
    PCI DSS v3.2 Implementation   :   1
    CRISC   :   1
    OEM vendor certified professionals   :   13+
    Total Nos. of Technical Personnel   :   170+

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 *LTI*	Experience in Information Security	Qualifications related to Information security
1	Pavankumar Shukla	3 years	12 years	CISA, ISO 27001 LA, CEH, Certified Qualys Guard Specialist, IBM QRadar SIEM Certified
2	Nath Dibya Ranjan	3 years	8 years	COBIT5, ISO 27001 LA, CEH v8, ECIH, ITIL, Prince2, Privacy and Data Protection (PDPF), PCI DSS v3.2 Implementation, Certified Sarbanes

				Oxley Expert (CSOE), IBM QRadar, Qualys Guard Certified Specialist
3	Pradeep Mahangare	3 years	11+ years	OSCP, ISO 27001 LA, CEH, CCNA
4	Hartley John Dow	1 year	25 years	MCSE, CCNP, CISSP
5	Rajesh Sharma	11 months	8 years	ISO 27001 LA, CEH, CHFI, MCP
6	Vijaykumar Reddy	2+ years	13 years	CEH, ISO 27001, CISRA, ITIL V3 F, UK Government GCHQ-Certified CIPR
7	Sudarsanan Sudheesh Nambekkat	1+ years	6 years	CEH , ISO Lead Auditor 27001:2013 , McAfee SIEM Admin
8	Prasanna Lalgudi	3+ months	9 years	CISA, CRISC, PMP, CSX(Fundamentals), ISO 27001 LA, DCPP
9	Mayur Somwanshi	1+ years	8 years	CEH, MCP
10	Rahul Mehta	2+ months	14 years	CEH
11	Vinayak Sakhare	11 Months	6+ years	CEH, CCNA
12	Aakanksha Deo	1 Month	2+ years	CEH, ISO 27001 LA
13	Nikhil Kasar	2.11 years	3+ years	CEH
14	Chetansingh Rathod	2.11 years	3+ years	CEH, QualysGuard– Vulnerability Management
15	Ravi Teja	2.10 years	3+ years	CCNA, CEH
16	Navin Mhatre	9 months	6 years	CEH, ArcSight AESA, IBM Qradar
17	Chattopadhyay Tishya	1+ years	2 years	CEH
18	Fernandez Dominic	1+ years	6 years	CEH
19	Madhavan N	1+ years	6 years	CCNA, CEH
20	Vijay Lalwani	1+ years	3.9 years	Arcsight ESM Security Analyst, CEH, Certified Network Defender, ITILv3 Foundation, CCNA
21	Ameer Prakash	1+ years	5 years	CEH
22	Ankur Joshi	1+ years	8.3 years	CEH
23	Mangesh Salunkhe	1 year	14 years	CEH v9, ITIL v3, IBM QRadar Security Analyst, Symantec SEP Administration, CCNA
24	Deshpande Amar Shishir	11 months	4 years	CEH, Splunk Power User, Cyber Law
25	Bhandari Shahbaz A	7 months	2.2 years	CEH
26	Avugadda Venkatesh	1+ years	3.5 years	CCNA R&S
27	Chanda Chiradip	1 year	4.5 years	MCSA
28	Rahul Rane	4 months	9.10 years	Palo Alto CNSE, CCSA, CCSE, CCNA Sec
29	Jitendra Chaudhari	1 month	13+ years	ArcSight Certified Security Analyst (ACSA), Check Point Certified Security Expert (CCSE), Qualys Vulnerability Management, Cisco Certified Security Professional (CCSP)
30	Mahaldar Salman Qasim	1+ years	9+ years	CCIE Security, PALO ALTO ACE
31	Rakesh Shirsat	1+ years	11 years	CCNA, CCNP, Cisco ASA, Palo Alto ACE, ITIL V3
32	Karthik P	~0.5 month	7 years	CISSP,CEH,CHFI,ISO27001,CPISI,ITIL-F

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

Client	Volume	Complexity	Location	Project Value
Leading Insurance company in Europe	Web and Mobile Apps	Business critical Insurance applications used by end users	Remotely (Mumbai)	USD 65K
One of the leading bank in middle east	Banking application	Test in-line with PCI standard	Onsite from client location (Middle East)	USD 16k
Leading Financial Services Technologies in Canada	Web applications and Infrastructure Security	Business critical products, Internal and External assets	Remotely (Mumbai)	USD 35K
Multi-industry company	Web applications and supporting infrastructure pen test	Penetration testing as per OWASP and PCI Standards	Remotely (Mumbai)	USD 15K
Leading Insurance company in US	Dynamic application security test in SDLC	Focus on protecting the insurance information for Business critical application	Remotely (Client ODC)	USD 84K
Government body of India	Application security assessment	Business critical application for Govt. of India	Remotely (Client ODC)	INR 2.7 MN
Leading Insurance company in Canada	Application Security assessment and configuration review	Business critical Insurance product	Remotely (Client ODC)	USD 18 K

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

Commercial: IBM Appscan, IBM Source, Acunetix, Nessus, Burp Suite Pro, Checkmarx, QualyGuard, HP Fortify

Freeware: WireShark, Nmap, Kali Linux, Metasloit, OpenVas, THC Hydra, John The Ripper, SamSpade, Netcat, Nikto, Fiddler, Dirbuster, SQLMap, CSRFtester, SSLscan, Fiddler, Eco Mirage etc.

Proprietary: iDiscover, SmartBoard for vulnerability tracking

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

 *Information as provided by **Larsen & Toubro Infotech Limited** on **4th Dec 2017**

**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 :

    Mirox Cyber Security & Technology Pvt Ltd
    4th Floor Nila Technopark Trivandrum 695581 Kerala India

2. Carrying out Information Security Audits since   :   **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   :   YES
      (Vulnerability Assessment & Penetration Testing)
    - Network VAPT   :   YES
      (Vulnerability Assessment & Penetration Testing)
    - Mobile Application VAPT   :   YES
      (Vulnerability Assessment & Penetration Testing)
    - 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

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

Govt.	:	2
PSU	:	0
Private	:	***104***
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   :   12
    - Application security audit & assessment   :   20
    - Penetration Testing   :   25
    - Wireless security audit   :   7
    - Compliance audits (ISO 27001, PCI, etc.)   :   2
    - Mobile Applications   :   6
    - IOT & Device Audit   :   3
    - ERP Audit   :   1
    - Database Security Audit   :   3
    - Security Architecture Review   :   2
    - Threat Assessment   :   1
    - Social Engineering Test   :   5
    - Cyber forensic Analysis   :   3
    - Risk Assessment   :   1
    - Infrastructure Security Audit   :   5

- Electronic Security Audit : 10

6. Technical manpower deployed for information security audits :

CISSPs : *<number of>*
BS7799 / ISO27001 LAs : 1
CISAs : *1*
Core Security Certifications : 10
Any other information security qualification : 6
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	Rajesh Babu	8	15	CEH/Security Expert Certified/CISO/Risk Assessment
2.	Nidhin G	1	10	Lead Auditor ISO 27001:2005 , - ISO 22301:2012 , - ISO 9001:2015 (Information Security Management System)
3.	Harish V	1	2	CEH, Security Certified
4.	Balaji G	1	2	CEH, Security Certified
5.	Kavya B	1	3	M.Tech Cloud Security, CEH, Security Certified
6	Kiran.R	1	2	CEH, Security Certified
7.	Robin P	1	1	CEH, CHFI, 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 5000 machines plus Enterprise UTM/IDS/IPS/SIEM/ Routers and other related IP based devices etc…across the Global for an Fortune 500 US based company.

- 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.

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

S.No.	Tools	Opensource/Licensed
1	Acunetix	Licensed
2	Nessus	Licensed
3	SE-SMSer	Opensource
4	acccheck	opensource
5	ace-voip	opensource
6	Amap	opensource
7	arp-scan	opensource
8	Automater	opensource
9	bing-ip2hosts	opensource
10	braa	opensource
11	CaseFile	opensource
12	CDPSnarf	opensource

13	cisco-torch	opensource
14	Cookie Cadger	opensource
15	copy-router-config	opensource
16	DMitry	opensource
17	dnmap	opensource
18	dnsenum	opensource
19	dnsmap	opensource
20	DNSRecon	opensource
21	dnstracer	opensource
22	dnswalk	opensource
23	DotDotPwn	opensource
24	enum4linux	opensource
25	enumIAX	opensource
26	EyeWitness	opensource
27	Faraday	opensource
28	Fierce	opensource
29	Firewalk	opensource
30	fragroute	opensource
31	fragrouter	opensource
32	Ghost Phisher	opensource
33	GoLismero	opensource
34	goofile	opensource
35	hping3	opensource
36	ident-user-enum	opensource
37	InSpy	opensource
38	InTrace	opensource
39	iSMTP	opensource
40	lbd	opensource
41	Maltego Teeth	opensource
42	masscan	opensource
43	Metagoofil	opensource
44	Miranda	opensource
45	nbtscan-unixwiz	opensource
46	Nmap	opensource
47	ntop	opensource
48	OSRFramework	opensource
49	p0f	opensource
50	Parsero	opensource
51	Recon-ng	opensource
52	SET	opensource
53	SMBMap	opensource
54	smtp-user-enum	opensource
55	snmp-check	opensource
56	SPARTA	opensource
57	sslcaudit	opensource

58	SSLsplit	opensource
59	sslstrip	opensource
60	SSLyze	opensource
61	Sublist3r	opensource
62	THC-IPV6	opensource
63	theHarvester	opensource
64	TLSSLed	opensource
65	twofi	opensource
66	URLCrazy	opensource
67	Wireshark	opensource
68	WOL-E	opensource
69	Xplico	opensource
70	BBQSQL	opensource
71	BED	opensource
72	cisco-auditing-tool	opensource
73	cisco-global-exploiter	opensource
74	cisco-ocs	opensource
75	cisco-torch	opensource
76	copy-router-config	opensource
77	DBPwAudit	opensource
78	Doona	opensource
79	DotDotPwn	opensource
80	HexorBase	opensource
81	Inguma	opensource
82	jSQL	opensource
83	Lynis	opensource
84	Nmap	opensource
85	ohrwurm	opensource
86	openvas	opensource
87	Oscanner	opensource
88	Powerfuzzer	opensource
89	sfuzz	opensource
90	SidGuesser	opensource
91	SIPArmyKnife	opensource
92	sqlmap	opensource
93	Sqlninja	opensource
94	sqlsus	opensource
95	tnscmd10g	opensource
96	unix-privesc-check	opensource
97	Yersinia	opensource
98	Armitage	opensource
99	Backdoor Factory	opensource
100	BeEF	opensource
101	Commix	opensource
102	crackle	opensource

103	exploitdb	opensource
104	jboss-autopwn	opensource
105	Linux Exploit Suggester	opensource
106	Maltego Teeth	opensource
107	Metasploit Framework	opensource
108	MSFPC	opensource
109	RouterSploit	opensource
110	Airbase-ng	opensource
111	Aircrack-ng	opensource
112	Airdecap-ng and Airdecloak-ng	opensource
113	Aireplay-ng	opensource
114	Airmon-ng	opensource
115	Airodump-ng	opensource
116	airodump-ng-oui-update	opensource
117	Airolib-ng	opensource
118	Airserv-ng	opensource
119	Airtun-ng	opensource
120	Asleap	opensource
121	Besside-ng	opensource
122	Bluelog	opensource
123	BlueMaho	opensource
124	Bluepot	opensource
125	BlueRanger	opensource
126	Bluesnarfer	opensource
127	Bully	opensource
128	coWPAtty	opensource
129	crackle	opensource
130	eapmd5pass	opensource
131	Easside-ng	opensource
132	Fern Wifi Cracker	opensource
133	FreeRADIUS-WPE	opensource
134	Ghost Phisher	opensource
135	GISKismet	opensource
136	Gqrx	opensource
137	gr-scan	opensource
138	hostapd-wpe	opensource
139	ivstools	opensource
140	kalibrate-rtl	opensource
141	KillerBee	opensource
142	Kismet	opensource
143	makeivs-ng	opensource
144	mdk3	opensource
145	mfcuk	opensource
146	mfoc	opensource
147	mfterm	opensource

148	Multimon-NG	opensource
149	Packetforge-ng	opensource
150	PixieWPS	opensource
151	Pyrit	opensource
152	Reaver	opensource
153	redfang	opensource
154	RTLSDR Scanner	opensource
155	Spooftooph	opensource
156	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	zaproxy	opensource

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

 *Information as provided by Mirox Cyber Security & Technology on 04-12-2017

Back

**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, Pocket B,
   Sector 17 Dwarka, Delhi, 110075

2. Carrying out Information Security Audits since   :   **2012**

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 Code Review   :   YES
   - Information Security Policy Formulation & Assessment   :   YES
   - Cyber Forensics   :   YES

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

   Govt.   :   *0*
   PSU   :   *2*
   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   :   160+
   Web-application security audit   :   70+
   Wireless security audit   :   50+
   Compliance audits (ISO 27001, PCI, etc.)   :   200+
   Mobile Application Security Audit   :   30+
   Secure Code Review   :   50+
   Information Security Policy Formulation & Assessment   :   130+
   Cyber Forensics   :   2+

6. Technical manpower deployed for information security audits:

   CISSPs   :   *1*
   BS7799 / ISO27001 LAs   :   *7*
   CISAs   :   *3*
   DISAs / ISAs   :   *0*
   CEH/OSCP/ECSA/CCNA   :   *5*
   Any other information security qualification   :   *14*
   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)

SL. NO.	LIST OF EMPLOYEES	Duration with *Panacea*	Experience in Information Security	Qualifications related to Information security
1	A Kaushik	5 years	11+ years	B.Tech., PCI QSA, CISSP
2	Y Shivde	2 years	13+ years	CISA, CISM, PCI QSA, ITIL
3	A Kumar	3 years	4+ years	CISA, PCI QSA, LA-ISO27001
4	J Khanna	3.2 years months	10 + years	LA-ISO27001, PCI QSA
5	Sammy N	1+ years	8+ years	CISM, CISA, CCNA, CCNA(S), PCI QSA

6	M SWARUP	1 year	5+ years	B.Tech., MSCLIS, Certified In defend (DLP), Juniper Network Security SPIRING
7	JS RAJPUT	6 months	1+ years	MSCLIS
8	C Gupta	6 months	7 years	B.Tech., MSCLIS, CEH
9	SF HUSSAIN	3 months	12+ years	PCI QSA, LA 27K:2013, LA 25999, MCSE+I, MCA, M.Sc. in computer science

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, Application Security Assessment, Infrastructure Security Assessment
   7. **One of India's Leading Public/Private-Sector Banks** - PCIDSS Compliance, 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: 1600
   　　　　No. of Applications: 35

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
AppUse 4.3	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
SonarQube	Open source	Static Code Analysis
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.))

*Information as provided by < **organization**> on <**date**>

M/s Protiviti India Member Pvt Limited

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

   Protiviti India Member Private Limited,
   15th Floor, Tower A,
   Building No 5, DLF Phase III,
   DLF Cyber City, Gurgaon-122002,
   Haryana, India

2. Carrying out Information Security Audits since   :   **September 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
   - Vulnerability Assessment and Penetration Test   :   Yes
   - Web-Service / Interface Security audit   :   Yes
   - Mobile Security Audit   :   Yes
   - Secure Network Architecture Review   :   Yes
   - MBSS and Hardening/Configuration Review   :   Yes
   - Security Process Review and Cybersecurity Framework   :   Yes
   - Secure Source Code Review   :   Yes
   - APT/ Social Engg/ Phishing/ Red Team   :   Yes
   - Cloud Security Risk Assessment   :   Yes
   - Telecom Security Audit   :   Yes
   - SCADA/ICS Security Audit   :   Yes
   - Managed Security Services   :   Yes
   - Security Operations Centre (SOC) Review   :   Yes
   - Post-Product Implementation Review   :   Yes
   - Cybersecurity Strategy and Security Trainings   :   Yes

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

   Govt.   :   0
   PSU   :   0
   Private   :   56
   Total Nos. of Information Security Audits done   :   **56**

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   :   36
   Wireless security audit   :   0
   Compliance audits (ISO 27001, PCI, etc.)   :   12

6. Technical manpower deployed for information security audits :

   CISSPs   :   1
   BS779 / ISO27001 LAs   :   9
   BS25999 LI   :   1
   CISM   :   2
   CISA   :   4
   COBIT Foundation   :   2
   CEH   :   8
   CCNA   :   5
   ITIL (Variant)   :   5
   CCNP   :   1
   Any other information security qualification   :   5
   Total Nos. of Technical Personnel   :   **37**

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 Protiviti India	Experience in Information Security	Qualifications related to Information Security
1	Nikhil Donde	3.10	22	M.B.A, CISSP, ISO 27001-LA, BS25999 LI, COBIT Foundation
2	Vijai Kanagaraj	6.71	16	B.Tech - 2000, BS7799 LI, CISA, CISM, ITIL, CCNA, CCNP, CEH
3	Mayank Vatsal	2.11	9	MBA - 2011, ISO 27001: 2005-LA, CISM
4	Joel Vadodil	2.97	9	B.E, MS - 2011, Iraje & ARCOS PIM, Check Marx Advanced Code Review, Qualys Guard Security Specialist
5	Moonis Ahmed	2.58	6.5	PGP - 2015, ITIL v3
6	Vijay Devre	2.33	5.1	MBA - 2012
7	Charan Karthi	0.00	5.8	MBA - 2013, CISA
8	Rahul Khubani	0.10	6.6	B.E
9	Ravi Etta	3.41	10	M.Sc. - 2010
10	Ashish Dwivedi	3.24	7.2	B.Sc - 2009
11	Diptarka Biswas	1.11	3.1	B.E - 2010
12	Mohammad Sikkandar Sha	3.61	5.5	B.Sc - 2012, CSS - Certified Security Specialist Investigating Internet Crimes
13	Sagar Shah	0.75	6	B.Sc (IT) - 2010, CISA, CCNA, CEH
14	Nikita Noronha	3.03	3	MBA - 2014, ISO 27001:2013 LA
15	Akhib Nayaz Mohammed A	2.46	5	M.Sc - 2013, ISO 27001:2013 LA
16	Saunhita Bhadra	1.96	3.5	COBIT Foundation, ITIL Foundation
17	Megha Ghosh	1.00	8.1	B.Tech - 2010
18	Dheeraj Pendum	0.58	5.2	M.Tech - 2010
19	Rakesh Ramesh	2.68	3	MBA - 2014, ISO 27001:2013 LA, ITIL Foundation, CEH, EC Council Security Analyst
20	Siva Sankaran Selvendran	2.73	4.5	MBA - 2015, ITIL Foundation
21	Karan Shah	0.70	4	MCA - 2014, CEH
22	Vivek Kathayat	1.86	3.2	B.Sc IT - 2014, CCNA
23	Amit Khowala	0.89	2.1	ISO 27001:2013-LA, CEH
24	Sathwik Chakravartula	0.77	2.2	B.Tech - 2015 , CEH
25	Pranav Bhasin	1.72	4.7	CISA

26	Rajesh Benakannavar	0.64	2	B.E - 2013, ISO 27001:2013 LA, CEH
27	Ajay Gowtham	0.98	0.98	B.E - 2016, CCNA, CEH
28	Vrunda Naik	0.65	0.65	MBA - 2017, ISO 27001:2013 LA
29	Tipu Sait MD	0.56	4.7	B.Tech - 2010, CCNA
30	Ravi Prakash B	0.65	0.65	MBA - 2017
31	Nupur Mathur	0.65	0.65	MBA - 2017
32	Nisha Rani	0.65	0.65	MBA - 2017
33	Priyanka Joshi	1.61	1.61	M.Sc - 2016
34	Giridhar Ramesh	1.16	1.16	M.Tech - 2016, CEH
35	Chandra Sekhar	0.61	2.8	B.Tech - 2012
36	Manuj Rana	0.91	3.1	MBA - 2014
37	Sonal Sharma	1.68	1.9	B.E - 2014

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

Listed below are one of the largest projects handled in India and for an international Protiviti firm:

Project Details	Scope of Work
Telecom Security Review for one of the largest telecom operator in Brazil	• Develop security benchmarking document comparing standards and past experience across global telecom operators • Develop baseline documentation for 30 unique IT and Telecom nodes • External Penetration Testing on the Packet Core Network • Develop access control mechanism document • Develop network topology diagrams including connectivity from Remote user/3rd party users, Platforms, Connections between Digital Content Network and Multi Services Network • Define security assessment guideline
Information Security Assessment for a leading manufacturing company in India	• External Vulnerability Assessment for 34 IP addresses (websites: 14 Nos. and IP addresses: 20 Nos.) • Internal Vulnerability Assessment for Servers (Virtual): 125, Servers (Physical – Non-AIX): 14, Servers (AIX):10, Hypervisors: 14, Storage – 4, Routers – 110, Switches – 54 managed devices, Proxy – 2, Firewall – 3, Packet Shaper – 1, WAN Accelerator – 1 • Security Configuration Review for Servers (Virtual): 125, Servers (Physical – Non-AIX): 14, Servers (AIX): 10, Hypervisors: 14, Storage – 4, Routers – 110, Switches – 54 managed devices, Proxy – 2, Firewall – 3, Packet Shaper – 1, WAN Accelerator – 1 • Application Security Assessment for 79 web applications • Application Access Review for 2 applications • IT Process Review • Bill of Material Security • Cloud Risk Assessment • IT DR Review • Security Roadmap • Managed Security Service Scoping • Re-Validation Testing

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

Sr. No	License	Tool Name	Details
1	Commercial	Tenable Nessus	Nessus is a powerful network vulnerability scanner developed in a user-friendly manner to make use of default scanning policy or to create new policies based on requirement. This tool could be used to scan the extensive network for discovering the security vulnerabilities.
2	Commercial	Burp Suite Scanner Professional	Burp is a java based application developed with advanced scanning techniques for penetration testers to find out security vulnerabilities in the application.
3	Commercial	Acunetix Web Vulnerabilit y Scanner	Acunetix is leading web vulnerability scanner used by penetration testers which include the most advanced SQL Injection, and XSS black box scanning technologies. It automatically crawls applications and performs black box and gray box hacking techniques which finds security vulnerabilities.
4	Commercial	Checkmarx	Checkmarx is an application security solution designed for Application Security Testing and Static Code Analysis to identify known coding level vulnerabilities.
5	Open Source	Kali Linux	An advanced Penetration Testing Linux distribution used for Penetration Testing, Ethical Hacking and network security assessments.
6	Open Source	THC-IPV6	THC-IPV6 is a penetration testing tool which will exploit the protocol weaknesses of IPV6 and ICMP6 and includes an easy to use packet factory library.
7	Open Source	cisco-torch	Cisco Torch is a mass scanning, fingerprinting and exploitation tool to find the flaws in cisco devices and exploit vulnerabilities.
8	Open Source	PowerSploit	PowerSploit is a group of Microsoft PowerShell scripts that can be used in post-exploitation scenarios during authorized penetration tests.
9	Open Source	CryptCat	CryptCat is a Unix utility which reads and writes data across network connections, using TCP or UDP protocol while encrypting the data being transmitted
10	Freeware	OpenVas	OpenVas is a framework of several services and tools offering a comprehensive and powerful vulnerability scanning and vulnerability management solution.
11	Open Source	Fierce	Fierce is a reconnaissance tool (PERL script) that quickly scans domains using several tactics.
12	Open Source	SHODAN	Shodan is a search engine that lets the user find specific types of computers connected to the internet using a variety of filters. Shodan collects data mostly on web servers (HTTP/HTTPS - port 80, 8080, 443, 8443), as well as FTP (port 21), SSH (port 22), Telnet (port 23) etc.
13	Open Source	Scapy	Scapy is a powerful interactive network packet manipulation program.

14	Freeware	Nmap	Nmap is a free security scanner which will provides a number of features for probing computer networks, including host discovery and service and operating-system direction. These features are extensible by scripts that provide more advanced service detection, vulnerability detection, and other features.
15	Freeware	NetCat	Netcat is a networking utility which reads and writes data across network connections, using the TCP/IP protocol.
16	Open Source/ Freeware	Ettercap	Ettercap is an open source network security tool for man-in-the-middle attacks. It can be used for computer network protocol analysis and security auditing.
17	Open Source	Metasploit framework	Metasploit is an exploitation framework that enables a penetration tester to find, validate and exploit vulnerabilities over network infrastructure. Framework includes auxiliary modules, exploits, shellcode, encoders etc.
18	Freeware	Cain & Abel	Cain & Abel is a password cracking tool. It allows easy recovery of various kinds of passwords by sniffing the network, cracking encrypted passwords using Dictionary. ARP feature enables sniffing on switched LANs and Man-in-the-Middle attacks
19	Open Source	Zed Attack Proxy (ZAP)	The OWASP Zed Attack Proxy (ZAP) is an opensource proxy/vulnerability scanner which will automatically discover security vulnerabilities in the applications
20	Open Source	Nikto	Nikto is an Open Source (GPL) web server scanner which performs comprehensive tests against web servers for multiple items, including over 3500 potentially dangerous files/CGIs, versions on over 900 servers, and version specific problems on over 250 servers
21	Open Source	W3af	w3af is a web application attack and audit framework which aims to identify and exploit all web application vulnerabilities
22	Open Source	SQLMap	SQLMAP is an penetration testing tool that automates the process of detecting and exploiting SQL injection flaws and taking over of database servers
23	Open Source /Freeware	Wireshark	Wireshark is a network protocol analyzer which supports deep inspection of hundreds of protocols, live capture and offline analysis of network packets.
24	Open Source	Aircrack-Ng	Aircrack-ng is a wireless pentest tool which supports 802.11 WEP and WPA-PSK keys cracking program that can recover keys once enough data packets have been captured.
25	Open Source	BeEF	Beef is a penetration testing tool that focuses on the web browser. BeEF will hook one or more web browsers and use them as beachheads for launching directed command modules and further attacks against the system from within the browser context.
26	Open Source	Lucy	LUCY is a social engineering frame work, which runs different variations of phishing, malware and portable media attack simulations to measure organizational team's awareness of attacks.

27	Open Source	Social Engineering Toolkit	The Social-Engineer Toolkit is a penetration testing framework designed for Social-Engineering which has a number of custom attack vectors that allow you to make a believable attack in a fraction of the time.
28	Open Source	Maltego	Maltego is a unique platform developed to deliver a clear threat picture to the environment that an organization owns and operates. It can be used to determine the relationships and real world links between People, social networks, Companies; Internet infrastructure such as Domains, DNS names Netblocks, IP addresses, etc.
29	Freeware	Fiddler	Fiddler is a web debugging tool used in web application security assessment, which logs all HTTP(S) traffic between the computer and the Internet.
30	Open Source	Enum4linux	Enum4linux is a tool for enumerating information from Windows and Samba systems. Key features supports by Enum4linux are RID cycling , User listing, Listing of group membership information, Share enumeration, Password policy retrieval etc.
31	Freeware	IFunBox	IFunBox is a tool made for exploring and browsing iPhone, iPad, and iPod touch file system. IFunBox will help penetration tester during IOS assessment.
32	Open Source	SoapUI	SoapUI is a most advanced web service testing application for service-oriented architectures and representational state transfers
33	Open Source	Apk Tool	A tool for reverse engineering Android .apk files
34	Freeware	OllyDbg	Debugger used for reverse engineering
35	Proprietary	Clickjacking Tool	Clickjacking Tool helps in exploiting Clickjacking vulnerability in web application.
36	Proprietary	Configuration Scripts	Configuration scripts to enumerate the environmental variables for OS, DB, Web servers
37	Freeware	class-dump-z	Class-dump-z is a command-line tool used to extract Objective-C class interfaces from the application's installed packages. It is an efficient reverse engineering tool used for extracting the source code of an iOS application
38	Freeware	Drozer	Drozer is a tool used for automating android application security assessment. Drozer helps to remotely exploit Android devices, by building malicious files or web pages that exploit known vulnerabilities.
39	Freeware	AXMLPrinter 2	AXMLPrinter2 is a command line tool used during the reverse engineering of the android application's apk. It is used to extract the Manifest.xml file into a readable XML format. A
40	Freeware	Postman	Postman is a GUI tool used for developing API/Web Services calls to the server. It is an efficient tool used for performing assessment of SOAP/REST services.
41	Freeware	EchoMirage	Echo Mirage is a tool that hooks into an application's process and enables us to monitor the network interactions being done. This process can be done with a running process, or it can run the application on the user's behalf. It is an efficient tool for performing Thick Client Application Security Testing.

42	Freeware	ILSpy	ILSpy is the open-source .NET assembly browser and decompiler, it is used for extracting the source of executables and dynamic link libraries in a readable format. It is an efficient tool used for performing Thick Client Application Security Testing.
43	Freeware	Windows Enabler	Windows Enabler allows the user to enable disabled fields and controls such as buttons and tick boxes in a windows from. It is an efficient tool used for performing Thick Client Application Security Testing.
44	Freeware	APK Analyzer	APK Analyzer provides a developer mode for analyzing and manipulating insecure activities in an android application.
45	Freeware	dex2jar	Dex2jar is a command line tool used for converting the ".dex" file of an android application into ".jar" file, post extraction, the source code of an android application is accessible in a readable format.
46	Open Source	OpenSSL	OpenSSL contains an open-source implementation of the SSL and TLS protocols. It is used for determining the strength of various SSL and TLS protocols.
47	Freeware	Cycript	Cycript allows for useful runtime analysis of a program (such as for instance getting the complete view hierarchy, or checking out the properties of an object), and it allows for easy prototyping of a tweak (by hooking methods with a Substrate bridge, changing objects freely and calling functions, etc.).
48	Freeware	Winhex	WinHex is a universal hexadecimal editor, used for extracting information from the local memory (RAM, ROM, etc) of a client machine.
49	Open Source	Android Studio	Android Studio is a GUI based development bundle which consists of tools used for developing and analyzing Android applications. It consists of android debug bridge which can be used as a command line tool to communicate with connected Android devices.
50	Freeware	Dir Buster	DirBuster is a multi-threaded java application designed to brute force directories and files names on web/application servers. It is used to enumerate hidden directories/files on the server.

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

 *Information as provided by **Protiviti India member Private Limited** on **December 4th, 2017**

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

M/s SecureLayer7 Technologies Pvt Ltd.

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

   SecureLayer7 Technologies Private Limited
   104, Suratwala Mark Plazzo, Hinjewadi – Wakad road,
   Hinjewadi Pune 411057, Maharastra, India.

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

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

• Network security audit	:	Yes
• Web-application security audit	:	Yes
• Wireless security audit	:	Yes
• SCADA security audit	:	Yes

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

Govt.	:	0
PSU	:	9+
Private	:	30+
Total Nos. of Information Security Audits done	:	45+

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	:	60+
Wireless security audit	:	15+
Mobile application	:	6+
IoT Security	:	2+
Crypto Currency Security assessment	:	4+
Source Code audit	:	10+
Thick client	:	9+

6. Technical manpower deployed for information security audits :

ESCA	:	2
OSCP	:	4
CEH	:	14
Any other information security qualification	:	4
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

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

   Security Audit for the Largest Pulp and Paper manufacturing company: The scope of the work includes to perform yearly security audit for the network, Thick client applications, SAP applications, HR applications, firewall review. As part of this assessment SecureLayer7 performed extensive penetration testing of the external 140 server IP address, 40+ application, network architecture review. The project cost is $60,000.00 USD
   Security audit for the largest Middle east bank: The scope of the work includes to perform the mobile application, all banking applications, 1200 IP address vulnerability assessment and penetration testing, middleware, ATM security assessment. The project cost was $12,1000.00 USD.

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

Commercial

1. Nessus
2. Qualys
3. Burp Suite

Freeware

1. Kali Penetration testing
2. Nmap
3. Nikto
4. Metasploit
5. OpenVas
6. Wireshark
7. NetCat
8. Brutus
9. Hydra
10. Hydra
11. W3af

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

 *Information as provided by SecureLayer7 Technologies Private Limited on 4th Dec 2017

Back

M/s TUV SUD South

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

   TÜV SÜD South Asia Private Limited

   Business Address:-
   TÜV SÜD South Asia
   Shiv Ashish, 2nd Floor,
   Andheri - Kurla Road,
   Behind Lathia Rubber Factory,
   Saki Naka. Andheri (East),
   Mumbai - 400 072, Maharashtra,
   India.

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
   - Information Security Management System Audit
     Compliance audits (ISO 27001, PCI, etc.)   :   Y
   - Data Center Audit
   - Third Party Security Audits
   - Regulatory Audits (UIDAI, RBI, IRDA, EU GDPR, SEBI)
   - Data Protection Audits
   - PCI Compliance
   - IOT Security Audit
   - Digital Security Audit
   - Forensics Audit

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

Govt.	:	*0*
PSU	:	0
Private	:	**171**
Total Nos. of Information Security Audits done	:	**171**

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	:	18
Wireless security audit	:	4
Compliance audits (ISO 27001, PCI, etc.)	:	124

6. *Technical manpower deployed for information security audits:*

OSCP	:	11
CEH	:	18
ISO 27001 LA	:	6
CISSPs	:	none
BS7799 / ISO27001 LAs	:	none
CISAs	:	none
DISAs / ISAs	:	none
Any other information security qualification		
OSCE	:	*1*
OSWE	:	*1*
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 TÜV SÜD South Asia Pvt. Ltd	Experience in Information Security	Qualifications related to Information security
1.	Harshil Mehta	7 Months	6.5 Years	OSCP, CEH, ECSA, ISO 27001 LA
2.	Foram Mehta	6 Months	4.5 Years	OSCP, CEH, ISO 27001 LA
3.	Pritam Samuel	2+ Years	11+ Years	ISO 27001 LA
4.	Sujatha V	1.5+ Years	10+ Years	ISO 27001 LA
5.	Anjali Sharma	2+ years	11+ Years	ISO 27001 LA
6.	Karthikbabu Vijaykumar	6.5+ Years	10+ Years	ISO 27001 LA, CEH
7	Varun Nambiar	1 month	8+ Years	

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

Customer: One of world's largest outsourcing and technology services specialist.

Complexity: End to End Global Compliance

Volume/ Locations: 500 locations+ across the globe

Project Value – INR 15 million+

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

Name	Description
Proprietary Tools	
Check-O-Matic	VAPT Reporting Tool – In-house Developed
TÜV SÜD Portal for PCI Compliance	For PCI Merchants and Acquirers – In-house developed
PHP Security Audit Script	Web application configuration review tool
Commercial Tools	
Burp Suite Pro	Web Vulnerability Scanner
Nessus	Network Vulnerability Scanner
Qualys	Vulnerability Exploitation Tool
Netsparker	Web Vulnerability Scanner
Checkmarx	Source Code Review Tool
Open Source Tools	
Nmap	Port Scanner, Fingerprinting
Netcat	Network Utility
SOAP UI	SAOP API testing
SuperScan	Port Scanner
Snmp Walk	SNMP Scanner
User2SID	Windows Service Identifier
Sid2User	Windows Service Identifier
John the Ripper	Unix and Windows Password Analyzer

Metasploit	Exploit Framework
Kali Linux	OS for Penetration Testing
Paros	HTTP/S Interception Proxy
Burp Suite	HTTP/S Interception Proxy
Brutus	Brute force password utility
Cookie Editor	Firefox Plug-in to Edit Cookies
Netstumbler	Wireless Network Detector / Sniffer
Kismet	802.11 Wireless Network Detector / Sniffer
MySQL Administration Tool	Administration tools for SQL Database
GoCR	OCR Reader

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

*Information as provided by TÜV SÜD South Asia Pvt. Ltd. on 4-Dec-2017.

Back

M/s Code Decode Labs Pvt. Ltd.

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

        Code Decode Labs Pvt. Ltd.
        A - 02, 'Cassiopeia Classic, Opp. Pancard Club,
        Baner, Pune - 411045, (MAH), India.

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

    1. 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
• IOT Security	:	Yes
• Cloud Security	:	Yes
• SCADA Security	:	Yes
• Cyber Security Threat Analysis	:	Yes
• Website, Server & Firewall Security Testing & Auditing	:	Yes
• Physical Access Controls & Security Testing	:	Yes
• Software Product Security Testing - Threat Assessment	:	Yes
• Black Box & White Box - Vulnerability Assessment & Penetration Testing (VA & PT)	:	Yes
• Embedded System Security	:	Yes
• Malware Reverse Engineering and Forensic Testing	:	Yes
• Security Code Review	:	Yes
• Business Continuity Management	:	Yes
• Disaster Recovery Planning Management (BCP & DR)	:	Yes
• Incident Response Management – SIEM & Analytics	:	Yes
• Red Teaming - Security and Response Management	:	Yes
• Cyber Security Awareness Drills	:	Yes
• Information security policy review and assessment against best Security Practices	:	Yes
• Security Patching for Applications & Software	:	Yes
• Compliance Process Security Testing – GDPR, PCIDSS, ISMS, ISO 27001, ISO 22301, COSO, COBIT, BASIL, SOX, HIPAA, NIST, ITU & ENISA Security Matrix etc.	:	Yes
• ISP Network & Communication Security Devices Testing	:	Yes
• Block Chain Security and Cyber Analytics	:	Yes
• Mobile Application Security Testing and Development	:	Yes
• e - Commerce Architecture Security	:	Yes
• National Critical Infrastructure and Grid Security	:	Yes
• Cyber Operations and Defense Response Management	:	Yes
• Cyber Warfare Operational Security	:	Yes
• Managed Security Services (MSS)	:	Yes
• Building & Maintaining Security Operations Centre (SOC)	:	Yes

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

Govt.	:	09
PSU	:	*02*
Private	:	*16*
Total Nos. of Information Security Audits done	:	**27**

3. 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 audit	:	**15**
Wireless security audit	:	**03**
Compliance audits (ISO 27001, PCI, etc.)	:	**15**

4. Technical manpower deployed for information security audits :

CISSPs	:	*02*
BS7799 / ISO27001 LAs	:	*02*
CISAs	:	*01*
DISAs / ISAs	:	*03*
Any other information security qualification	:	*02*
Total Nos. of Technical Personnel	:	**09**

5. 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	Amlesh Mendhekar	5	12	CISSP, CEH, CCSA Microsoft Certified Technology Specialist, Prince2
2	Raghavendra Kulkarni	5	12	CISM, LA ISO 27001,ISO 9001 & 14001,
3	Sachin Singhai	5	12	PRISM, CEH, CHFI, LA ISO 27001
4	Sandeep Walvekar	5	14	CISA, CCNA, OSCP, GWAPT,LA ISO 27001
5	Vidhyadhar Gaikwad	5	5	PRISM, LPT, CHFI,LA ISO 27001
6	Ajitkumar Hatti	3	10	CEH, LPT
7	Ayyaj Sayyad	3	5	LA ISO 27001, GPEN

6. Below are details of specified Largest Project handled in terms of scope (in terms of volume, complexity, locations etc.) along with project value, as follows -

S. No.	Client & Location Details	Project Scope & Delivery Details	Project Value (In INR)
1	APJII, Jakarta, Indonesia **URL - https://www.apjii.or.id/**	Red Teaming, Cyber Security Architecture Review, Cyber Security Operation Center, Security Incident Management, VAPT, Web App PT, Security Code Review, System Forensics & Malware Assessment, Information Security & Data Protection Awareness Trainings	65 Lakhs
2	SGS McNet, Maputo, Mozambique **URL - https://www.mcnet.co.mz/Home.aspx,**	Cyber Security Architecture Review, Cyber Security Operation Center, Security Incident Management, VAPT, Web App PT, Security Code Review, Information Security & Data Protection Awareness Trainings	27 Lakhs
3	VEGA Industries - AIA Engineering, Ahmedabad, India **http://www.aiaengineering.com/**	Security Incident Management, VAPT, Web Application Testing, Security Code Review, System Forensics & Malware Assessment, Data Protection & Information Security Awareness Drills & Trainings	15 Lakhs

4	4Ever Payments, Mumbai, India. **URL - http://www.4everpayment. com/,**	Red Teaming, Jugaad - Mobile App Security Testing, Web Application Security, Cloud security, Cyber Security Architecture Development & SOC Lab Set-up, ISO 27001, PCI DSS, Security Incident Management Response Cell, Security Code Review, System Forensics & Malware Assessment, Cyber Incident Handling Awareness Trainings	18.5 Lakhs
5	GOI, DRDO – Cyber Unit, Bangalore, India. **URL - https://www.drdo.gov.in/**	Cyber Security Attack Simulation Analytics & Incident Operational Response : Software, Analytics & Report Documentation	15 Lakhs

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

We utilize mix of all commercial, freeware & proprietary editions of these following tools with its respective latest versions & updates -

1. Acunetics - v8.0
2. AppScan_8.0.2
3. Burp Suite Professional v1.5.01
4. Cain & Able
5. JohnTheRipper
6. SQLMAP
7. Kali Linux
8. Nikto
9. NMAP + Zen Map
10. ZAP
11. Wireshark
12. Metasploit
13. Netsparker
14. Web Inspect
15. Nessus
16. W3af
17. CSRFT Tester
18. Wapiti
19. Fiddler
20. SQL Ninja
21. Aircrack-ng
22. IronWasp
23. Nagios
24. Ettercap
25. Social Engineer Toolkit
26. Retina
27. Veracode –Vulnerability Analyzer Toolkit

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

*Information as provided by - **Code Decode Labs Pvt. Ltd.** on **15/01/2018.**

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

M/s TCG Digital Solutions Private Limited

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

    TCG Digital Solutions Private Limited. Registered Office and Head Office is in Kolkata.
    The address is as follows:

    TCG Digital Solutions Private Limited,
        BIPPL Building, 16th Floor, Omega, Block EP & GP,
        Sector V, Salt Lake Electronic Complex, Kolkata 700091

    There are branch offices in Mumbai and Gurugram.

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, PCI, etc.)   :   Yes

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

    Govt.   :   *<none>*
    PSU : *< Eastern Regional Load Despatch Centre, (ERLDC) – A Govt. of India Enterprise>*
    Private : *<SREI Infrastructure Finance Ltd, MCPI Ltd, India Power Corporation Ltd. >*
    Total Nos. of Information Security Audits done   :   5

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   :   < 2 >
    Wireless security audit   :   <none>
    Compliance audits (ISO 27001, PCI, etc.)   :   < 1 >

6. Technical manpower deployed for information security audits :

    CISSPs   :   *< 1 >*
    BS7799 / ISO27001 LAs   :   *<4 >*
    CISAs   :   *< 1 >*
    DISAs / ISAs   :   *<none>*
    Any other information security qualification   :   *< 6 >*
    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)

Sl. No.	Name of Employee	Duration with <TCG Digital>	Experience in Information Security	Qualifications Related to Information Security
1	Col. Pankaj Verma	1.0 years	22 yrs.	CISA, CISSP, CEH
2	Sudipto Jena	3 years	18 yrs.	CEH, CHFI, ISO 27001 LA
3	Tathagata Datta	3.5 years	18 yrs.	CCNA, CEH, CHFI, ISO 27001 LA, ISO 20000 LA, ISO 22301 LA, PCI DSS Implementer
4	Vikas Chauhan	3 years	12 yrs.	COBIT 5 Foundation, ISO 27001 LA, CCIE Security

5	Yogesh Kumar	1 year	15 yrs.	Advanced Information Warfare Courses (Indian Air Force), CCIE(R & S)
6	Narayan Basak	3 years	5 yrs.	Advanced Cloud Security Auditing for CSA Star, ISO 27001:2013 Lead Auditor
7	Somnath Dutta	2.5 years	12 yrs.	Trend Micro Certified Professional For Deep Discovery Trend Micro Certified Security Expert(TCSE) Fortinet Certified Network Security Professional (FCNSP) Fortinet Certified Network Security Administrator (FCNSA) Cyberoam Certified Network & Security Professional-(CCNSP) Cisco Certified Network Associates (CCNA) Microsoft Certified Technology Specialist Websense Certified TRITON APX Pre-Sales Engineer
8	Abir Atarthy	1.5 years	10 yrs.	CEH, CHFI, Trained in cyber range simulation
9	Dinendu Das	2 years	10 yrs.	Trend Micro Certified Professional For Deep Discovery. RedHat Certified Engineer Websense Certified TRITON APX Engineer
10	Sk. Ashir Uddin	1.5 years	5 yrs.	CCNA Trained McAfee Endpoint Security Manager Trained Fortinet UTM Manager
11	Chaitanya Veludandi	16 years	12 yrs.	CCENT, TMCPDS
12	Shamsher Bahadur	16 years	6 yrs.	Trained in cyber range simulation
13	Aniruddha Basak	1.5 years	1 yrs.	Trained in cyber range simulation
14	Trishit Biswas	1.5 years	1 yrs.	Trained in cyber range simulation

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

Vulnerability Assessment, Web Security Assessment and Penetration Test covering all ICT infra of SREI Group spread across India. Value of the project was 34.8 Lac + taxes

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

        Nessus,
        Nmap,
        Nikto,
        Acunetix,
        Brupsuit,
        Appscan,
        Hydra,
        Netsparker,
        Wireshark,
        and some customized scripts.

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

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

*Information as provided by < **TCG Digital Solutions Private Limited**> on <**12th January 2018**>

M/s ALLIED BOSTON CONSULTANTS INDIA PVT. LTD.

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

    ALLIED BOSTON CONSULTANTS INDIA PVT. LTD.

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
    - System Security audit   :   YES

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

    - Govt.   :   *0*
    - PSU   :   *1*
    - Private   :   *5*
    - 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   :   2
    - Wireless security audit   :   0
    - Compliance audits (ISO 27001, PCI, etc.)   :   6
    - System Security audit   :   1

6. Technical manpower deployed for informationsecurity audits :

    CISSPs   :   *0*
    BS7799 / ISO27001 LAs   :   *5*
    CISAs   :   *2*
    DISAs / ISAs   :   *0*
    Any other information security qualification:
            1. CRISK   :   1
            2. Master's Degree in Computer Management   :   1
    Total Nos. of Technical Personnel   :   2

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	14 years	12 years	ISMS LA
2.	Premanand P.P.	6.5 years	21 years	ISMS LA, CISP, CISA,ISACA/COBIT
3.	Sudhanwa Joglekar	10 years	31 years	ISMS LA, master's Degree in Computer Management
4.	Satish Meda	2 years	12+ years	ISMS LA, CISA, CRISK
5.	Ajay Mathur	6 years	16 years	ISMS LA

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

At Energy InfoTech Centre (a division of Chattisgarh State Power Distribution Company Ltd.), a state government enterprise

- Contract for 4-year period
- Project value of Rs. 19,66,300/- + applicable taxes
- EITC is the IT arm of the Chattisgarh State Power group companies – there are 6 companies to whom EITC provide IT support
- Scope of Work involved:
    1st Year tasks included:

    o Assessment of information security controls w.r.t. physical and logical access, operations and communications, technical assessment of security, penetration testing, IPR & other legal / regulatory compliances, identification & management of information processing assets / facilities, contractual arrangements on security aspects with service providers responsible for IT services delivery in organization, and software security aspects.
    o Perform risk assessment of the organizational processes for information security
    o Assisting in implementing identified gaps/ weaknesses from assessment study of security controls and risk assessment

    1st year and subsequent 3 years on yearly basis tasks included:

    o Review implementation of information security – including verification of intrusion / hacking protection mechanisms deployed
    o Training of EITC personnel on Information Security aspects
    o Carry out periodical IT Audit verification checks and suggest areas for improvement

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

Commercial Tools: Burp Suite, Nessus, Qualis (On demand), Acunetix (Cloud version)

Freeware tools: Kali Linux and applications, OWASP-ZAP, Open Vas, SQLMAP, Zenmap, Vega, Nikto, Wire shark

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

please find attached the Confidentiality Agreement signed by Satish Meda, Ajay Mathur and Sudhanwa Joglekar

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 **Allied Boston Consultants India Pvt. Ltd.** on **20-07-18**

M/s e.com Infotech I Ltd

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

> **e.com Infotech I Ltd**
> Level 3, Neo Vikram New Link Road
> Andheri West
> Mumbai 400058

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

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

> Govt.   :   ***NIL***
> PSU   :   ***NIL***
> Private   :   **15**
> Total Nos. of Information Security Audits done   :   **15**

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

> Network security audit   :   **Part of our Comprehensive Audit**
> Web-application security audit   :   **Part of our Comprehensive Audit**
> Wireless security audit   :   **Part of our Comprehensive Audit**
> Compliance audits (SSAE 18, SOC& Cloud) :   **11**
> SCADA/ICS   :   2
> GDPR & Privacy   :   2

6. Technical manpower deployed for informationsecurity audits:

> CISSPs   :   ***4***
> BS7799 / ISO27001 LAs   :   ***4***
> CISAs   :   ***4***
> DISAs / ISAs   :   ***NIL***
> Any other information security qualification   :   ***CEH, CISM etc. 4***
> 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 *<e.com Infotech >*	Experience in Information Security	Qualifications related to Information security
1.	Ashwin Chaudhary	1 year	15 years	CISSP, CCSK, CISA, CISM, CRISC, CGEIT, ISO27001LA, ITIL, PMP
2.	Shaji Kurian	1 year	10+Years	CISSP, CISM, CEH, CCSK
3,	Ashish Kunte	1 year	10+Years	CISSP, CRISC, GIAC
4.	Naushad Rajani	7 months	10+Years	CISSP, CISA
5.	Mohan Bapat	5 months	10+Years	CISA, ISO27001LA
6.	GCS Sharma	4 months	10+Years	CISA, CFE, ISO27001LA

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

   Reliance Jio Data Centers covering Mumbai, Jamnagar and Nagpur for SSAE 18 SOC Audit

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

   Best in class as required.

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

    Currently No but in case we need to we will have proper due diligence, NDA, MOU and project will be supervised and managed by one of our team members.

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

    Association with Accedere Inc USA for SSAE 18, SOC Attest Reports

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 e.com Infotech I Ltd on July 14, 2018

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

M/s Grant Thornton India LLP

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

        Grant Thornton India 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, etc.)	:	**Yes**
• IOT security testing	:	**Yes**
• Mobile application security	:	**Yes**
• Configuration reviews	:	**Yes**
• Source code reviews	:	**Yes**
• API security assessments	:	**Yes**
• Cloud security	:	**Yes**

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

Govt.	:	*0*
PSU	:	*0*
Private	:	*48*
Total Nos. of Information Security Audits done	:	48

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

Network security audit	:	**12**
Web-application security audit	:	**7**
Wireless security audit	:	**4**
Compliance audits (ISO 27001, PCI, etc.)	:	**3**

6. Technical manpower deployed for informationsecurity audits :

CISSPs	:	*0*
BS7799 / ISO27001 LAs	:	*13*
CISAs	:	*9*
DISAs / ISAs	:	*0*
Any other information security qualification	:	*2 CCNA,*
		1 CHFI,
		1 CCSA,
		2 ISO 22301,
		1 CISM,
		2 SAP,
		2 OSCP,
		1 RHCE,
		3 ITI
Total Nos. of Technical Personnel	:	52

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	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- • 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	**Regions: 18** **Facilities covered: 56**

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

Commercial Tools:

*   Nessus
*   Nipper
*   Burpsuite

Freeware Tools:

*   Metasploit
*   Wireshark
*   NMAP
*   SQLMap
*   Nikto
*   MobiSF
*   Metasploit
*   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 India is part of the GT Member Firm network which is spread across the globe in 130+ countries.

12. Whether organization is a subsidiary of any foreign based organization?   :   **No**
     If yes, give details
    Grant Thornton in India is a member firm within Grant Thornton International (GTIL), global organization with member firms in over 130 countries.
    Grant Thornton India LLP (formerly Grant Thornton India) is registered with limited liability with identity number AAA-7677 and has its registered office at L-41 Connaught Circus, New Delhi, 110001. References to Grant Thornton are to Grant Thornton International Ltd (Grant Thornton International) or its member firms. Grant Thornton International and the member firms are not a worldwide partnership. Services are delivered independently by the member firms.
    Member firms carry the Grant Thornton name, either exclusively or as part of their national practice names and provide assurance, tax and advisory services to their clients. All member firms share both a common global strategy and a common global culture focusing on improvement in quality of service delivery, procedures to monitor quality, and the risk management methodology.

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

*Information as provided by **Grant Thornton India LLP** on **19th July 2018.**

Annexure – I

S. No.	Name of Employee	Duration with *Grant Thornton India LLP*	Qualifications related to Information security	Experience in Information Security
1.	Prashant Gupta	August 2017	• NA	17+years
2.	Akshay Garkel	September 2017	• NA	17+ years
3.	Lalit Vazirani	January 2018	• ISO 27001 LA, ISO 22301, Symantec DLP certified, Qualys Guard certified	15+ years
4.	Venkatkrishnan G	February 2017	• CISA • ISO 27001 certified	20 years
5.	Rohit Das	September 2017	• ISO-27001 LI • CISA	10+ years
6.	Abhijeet Jayaraj	November 2017	• CEH • OSCP	4.5
7.	Shweta Pawar	November 2015	• ISO 27001: 2013 Lead Auditor (ISMS) • ITIL V3 Foundation	9 years
8.	Raghavendra S	November 2015	• CISA(Certified Information System Auditor) – Qualified • COBIT 5 • ITIL Foundation Certified	11+ Years
9.	S.Kishore Kumar	July 2015	• CISA (Certified Information System Auditor) • CISM (Certified Information Security Manager) • ISO 27001 LA • ITIL Foundation certified • COBIT Foundation certified	12+ Years
10.	Krishna Jere	October 2017	CCNA, CCSA, ISO 27001 LA	13+ Years
11.	Dhananjay Deo	April 2017	CISA, ISO 27001, COBIT	20+ Years
12.	Harshit Mehra	September 2017	ISO-27001 LA	5 years
13.	Sandeep Sharma	April 2013	• Microsoft SAM 673, and 74-678 • SCJP • ITIL Foundation Certified	5+ years
14.	Syed Faisal Ali	January 2016	SAP FI	11+ years
15.	Radhika Nambiar	September 2015	NA	10+ years
16.	Umesh Jain	February 2016	• ISO 27001:2013 Lead Auditor • CEH (Certified Ethical Hacker)	6+ years
17.	Bhavna Nakra	August 2017	ISO 27001:2013 Lead Auditor	3+ years
18.	Manpreet Singh Kheberi	September 2017	OSCP(Offensive Security Certified Professional)	2+ years
19.	Aditya Tiwari	May 2017	ISO 27001:2013 Lead Auditor	6+ months

S. No.	Name of Employee	Duration with *Grant Thornton India LLP*	Qualifications related to Information security	Experience in Information Security
20.	Akshaya Rane	January 2016	NA	6+ Years
21.	Ankit Gupta	March 2015	NA	2.7 years
22.	Ankitha Chinnapolu	May 2017	• Cisco Certified Network Associate(CCNA), • Red Hat Certified Engineer(RHCE) • ITIL	3 years
23.	Ashish Sharma	April 2017	ITIL Foundation	7 Months
24.	Charu Lata	April 2017	Sap (SD,FI) Trained	1.5 Years
25.	Harsha kakkar	March 2015	CISA(Certified Information System Auditor)	6+ years
26.	Lalit Sharma	July 2012	• DCPP (DSCI Certified Privacy Protection Certificate) • ITIL Foundation Certified • Certificate Program in Cyber Law (SYMBIOSIS)	4+ years
27.	Makarand Ramesh Kadave	June 2017	• Lead Audit ISO 27001:2013 - Information Security Management System • Diploma in Information Security & Ethical Hacking	8 years
28.	Muralikrishna Joshi	February 2016	ITIL Foundation Certified	1.8 years
29.	Sahas Arora	July 2017	ISO 27001:2013 LI compTIA Security+ (IT Security)	4 months
30.	Santanu Paramanick	May 2015	ISO 27001:2005 LA	7+ years
31.	Srishti Gosain	April 2017	Diploma/certificate in SAP (FICO)	3 years
32.	Steadin Fernandes	December 2015	ISO 27001:2013	4 Years
33.	Allwyn Suares	March 2016	CCNA, MCSA,	6+ Years
34.	Saloni Sikdar	July 2017	NA	3+ Years
35.	Ankita Sinha	December 2017	• CISA, ISO 22301 LI	6+ Years
36.	Sagar Gajara	November 2017	• CEH, CCI, Diploma in Cyber forensics	4+ Years
37.	Amit Bedwa	December 2017	• ISO 27001 LA, ISO 22301 LA, ITSM	2 years
38.	Praveen Sharma	March 2018	• NA	12+ Years
39.	Sagar Garg	April 2018	• NA	5+ Years
40.	Akshay Sharma	June 2018	• NA	3 Years
41.	Rahul Kakkar	June 2018	• NA	2 Years

S. No.	Name of Employee	Duration with *Grant Thornton India LLP*	Qualifications related to Information security	Experience in Information Security
42.	Aditya Tiwari	May 2017	• ISO 27001 LA	1.5 Years
43.	Arvind Kumar	April 2018	• ISO 27001 LA, ISO 27001 LI, ERM	4+ years
44.	Debarchan Das	June 2018	• CEH, ECSA	3Years
45.	Afzal Imam	July 2018	• CCNA	2 years

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S. No.	Name of Employee	Duration with *Grant Thornton India LLP*	Qualifications related to Information security	Experience in Information Security

<p style="text-align:center">Snapshot of skills and competence of CERT-In empanelled
Information Security Auditing Organisation</p>

M/s Sonata Software Limited

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

   Sonata Software Limited ,
   Bangalore

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

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

   Govt.   :   None
   PSU   :   ***None***
   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   :   **3**
   Web-application security audit   :   **10**
   Wireless security audit   :   **2**
   Compliance audits (ISO 27001, PCI, etc.)   :   **5**

6. Technical manpower deployed for informationsecurity audits:

   CISSPs   :   ***None***
   BS7799 / ISO27001 LAs   :   ***4***
   CISAs   :   ***2***
   DISAs / ISAs   :   5
   Any other information security qualification   :   ***CEH- 5***
   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 *<organization>*	Experience in Information Security	Qualifications related to Information security
1	NarasimhaRao Akundi	20	10 years	• CEH • ISO 27001 lead auditor • PMP • GDPR lead Implementer
2	Sharad Kumar Patani	6	3	• CEH
3	Vinit Bharadwaj	10	5	• CEH, ISO 27001 LA,PMP, Cloud Computing Foundation
4	Chandra Sekhar P	4	4	• CEH
5	Guru prasad	10	6	• CEH

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

   IT management project (renewed annually) for a client based in India.Project includes secure IT operations, Web application testing, network security management, continuous vulnerability and patch management, data center security and Disaster recovery management. The annual revenue is over INR 1.1Cr

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

   Network Penetration Testing:

   KALI Linux, Nslookup, Dnsmap, Nmap, Firewalk, Hping, Nessus, Nikto, John the ripper, Sqldict, Firewall Analysers

   Vulnerability Scanning:

   Qualys Guard , GFI Langaurd, Nessus Professional, Retina scan

   Application Security Assessment

   Burp suite, Paros, Wireshark, Accunetix, Netsparker, Metasploit framework, SQL Map, customized python scripts

   Social Engineering

   Social Engineering Toolkit, Email campaigns

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

    UK, US, Dubai,Qatar,Germany

*Information as provided by **Sonata Software Limited**on20 July 2018

M/s Tech Mahindra Ltd.

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

> **Tech Mahindra Ltd.**
> Sharda Centre, Off Karve Road
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2. Carrying out Information Security Audits since   :   **2001**

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**
- Third Party Security Maturity Audit   :   **Y**

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

> Govt.   :   **20**
> PSU   :   **1**
> Private   :   **2407**
> Total Nos. of Information Security Audits done   :   **2428**

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   :   **2320**
> Wireless security audit   :   **0**
> Compliance audits (ISO 27001, PCI, etc.)   :   **2**
> Third Party Security Maturity Audit   :   **250**

6. Technical manpower deployed for informationsecurity audits :

> CISSPs   :   **11**
> BS7799 / ISO27001 LAs   :   **20**
> CISAs   :   **10**
> DISAs / ISAs   :   **0**
> CEH   :   **85**
> CISM   :   **02**
> Total Nos. of Technical Personnel   :   **128**

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 *Tech Mahindra*	Experience in Information Security	Qualifications related to Information security
1	**Peeyush Srivastava**	**13 Years**	**Security Audit and assessment. Cybersecurity and Cloud security Program and Project management**	**CISSP, CCSP, CBCP**
2	**Rahul Vaidya**	**14 Years**	**Enterprise Security Consulting,**	**CCNA, CEH, ISO-27001 LA, ITIL V3.0**

			Security Operations, Delivery Management, Pre-sales Tech Support, IS audits Program management	
3	Sumit Bhattacharya	2 years	Security Audit and assessment. Cloud security, Application Security, Wireless Security	CEH,CCNA
4	Venkat Reddy Challa	1 year	Application Security, Wireless Security, Vulnerability assessment and Penetration testing	CEH, OSCP, Qualys Guard Certified
5	Mayuri Cherku	2 years	Application Security, Wireless Security, Vulnerability assessment and Penetration testing	CEH
6	Amit Kumar	5 years	Mobile Security, IOT Security	CEH, ISO-27001
7	Vishal Chhabria	4 years	Application Security, Vulnerability assessment and Penetration testing, Mobile application Security	CEH, SPLUNK

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

   1. **Australian Retail company**
        a) **Scope & Volume : 250+ Third party security Audits**
        b) **Locations : Australia & Mumbai**
        c) **Project value : 2.59 mn $(Total contract value)**
   2. **Leading US telecom company**
        a) **Scope & Volume : 198+ web application security testing**
        b) **Locations : USA , Mumbai**
        c) **Project value : 7mn $(Total contract value)**
   3. **Large Oil sector company**
        a) **Scope & Volume : 2000 + Web application security testing**
        b) **Locations : USA , Mumbai**
        c) **Project value : 1 mn $(Total contract value)**

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

   Commercial:
   Qualys Guard, IBM App Scan, Burp Suite Pro, Web Inspect, Checkmarx, HP Fortify, ISF Security Health Check, ISF Benchmarking, Algosec.

Freeware:
NMap, Metasploit, SSL Digger, SSL Scan, SQL Map, MOB-SF, Quark, Drozer, SOAP UI ,Owasp Zap.

10. Outsourcing of Project to External Information Security Auditors / Experts   :   **Yes**

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

Third party ISAE 3402 audit has been outsourced to E&Y since 2015. This was a client requirement. (Attached here for ready reference). As TechM has implemented, hence the auditing was provided to third Party (E&Y)

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**

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Johannesburg

Tech Mahindra Ltd. 10th Floor, Office Towers, 5th Street, Cnr&Rivonia Sandton - 2196, Johannesburg South Africa Phone: +27 11 6762800	**Tech Mahindra Ltd.** 676 on Gallagher Cnr Old Pretoria Road and James Cresent Midrand, Johannesburg-2196

Uganda

Kampala

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Zambia

Lusaka

Tech Mahindra Ltd. Petroda House, Great North Road, P.O. Box – 30770 Lusaka, Zambia Phone: +260 976620894	**Tech Mahindra Ltd.** 2nd floor, (Middle block) Petroda Towers North Great Drive Road, Lusaka Zambia

*Information as provided by **Tech Mahindra Limited** on **20th July 2018**

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 (Y/N)   :   Yes
    - Web-application security audit (Y/N)   :   Yes
    - Wireless security audit (Y/N)   :   Yes
    - Mobile Security audit (Y/N)   :   Yes
    - IoT Security Assessment (Y/N)   :   Yes
    - Compliance audits (ISO 27001, PCI, etc.) (Y/N)   :   Yes

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

Govt.	:	**NA**
PSU	:	**NA**
Private	:	**25+**
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)**

Network security audit	:	**20+**
Web-application security audit	:	**20+**
Wireless security audit	:	**3**
Mobile Security audit	:	**10+**
Compliance audits (ISO 27001, PCI, etc.)	:	**2**

6. Technical manpower deployed for informationsecurity audits :

CISSPs	:	**NA**
BS7799 / ISO27001 LAs	:	**1**
CISAs	:	**2**
DISAs / ISAs	:	**NA**
Any other information security qualification	:	**4 CEH,**
		2 OSCP,
		5 ECIH,
		3 ECSA,
		1 ECSP .net
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	Rahul Gala	2.2 Years	10.0 Years	BE, OSCP, CISA, CEH, ECSA, ECSP,GCIH, CEI
2	Vishal Shah	2.2 Years	10.0 Years	BE, OSCP, CISA, CEH,GCIH,

					FireEye
3	Pranjali Shah	2.2 Years	5.0 Years	BE	
4	Sujal Shah	2.2 Years	5.0 Years	BE	
5	Jay Shah	2.2 Years	4.0 Years	BSc IT, ECIH	
6	VidulaTendolkar	2.2 Years	2.2 Years	BSc, ECSA	
7	Harshil Shah	2.0 Years	2.0 Years	BE, CEH	

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

Burp Suite Professional
SQLMAP
Wireshark
ZAP
Netsparker
Nikto
Web Inspect
CSRF Tester
Wapiti
Fiddler
SQL Ninja
W3af
WinHex
WebScarab
IDAPro
Drozer
MobSF
Nessus
Kali Linux
Metasploit
Nmap
Aircrack-ng
Cain & Able
JohnTheRipper
IronWasp
Nagios
Social Engineer Toolkit

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

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

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

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

*Information as provided by Talakunchi Networks Pvt. Ltd. on 18-Jul-2018

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

M/s Trusted Info Systems Private Ltd.

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

    Trusted Info Systems Private Ltd.

2. Carrying out Information Security Audits since   :   2002

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

    - Network security / Data Centre audit (Y/N) - *incl VA-PT*   :   Yes
    - Web-application security audit / Mobile App - *incl VA-PT*   :   Yes
    - Wireless security audit (Y/N)   - *incl VA-PT*   :   Yes
    - Compliance audits (ISO 27001, PCI, etc.) (Y/N) - *incl VA-PT*   :   Yes
    - SAP - GRC Implementation, Post implementation
      review & support / Audit   :   Yes
    - ERP / SAP security audit   :   Yes
    - Telecom Security audit   :   Yes
    - ICS / SCADA Audit   :   Yes
    - Security Operations Centre Review / Audit / optimisation   :   Yes
    - Payment Gateway security audit   :   Yes
    - Incident Life cycle management / review   :   Yes
    - PCI / DSS review / compliance / audit   :   Yes
    - Source Code Review / SDLC Review   :   Yes
    - Cyber Security / Information Security - related trainings   :   Yes

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

Govt.	:	1
PSU	:	2
Private	:	42
Total Nos. of Information Security Audits done	:	45

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

Network security audit	:	9
Web-application security audit	:	31
Wireless security audit	:	5
Compliance audits (ISO 27001, PCI, etc.)	:	2

6. Technical manpower deployed for information security audits :

CISSPs	:	-
BS7799 / ISO27001 LAs	:	*3*
CISAs	:	*4*
DISAs / ISAs	:	*1*
Any other information security qualification	:	*3*
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 *<organization>*	Experience in Information Security	Qualifications related to Information security
1	Piyush Jain	May 2002	15+ yrs	CISA, ISMS-LA
2	SP Shah Singh	May 2002	20+ yrs	CISA, M Tech
3	Vijender Kaushik	Dec 2016	15+ yrs	CISA, ISMS-LA, MS
4	Virender Maini	Jan 2004	14+ yrs	CISA, CEH
5	Sanjay Gupta	Feb 2005	11+ yrs	ISA
6	Naveen Dham	Dec 2016	10+ yrs	ISMS-LA, PCI-DSS
7	Shiv Kumar	Dec 2016	4+ yrs	CCNA, B Tech

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

   - NW Security audit / Web App Security audit / ERP - SAP security audit - One of the top Indian MNC - multiple manufacturing plants in India and abroad - worldwide spread computer network with data centre and DRS sites in India - Multiple user domains - about 15000 employees.

   - SAP - GRC Access Controls Review / Audit - top Indian MNC - Pharmaceutical mfg. industry - N/W size & complexity - 100+ servers, 600+ nodes

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

   Commercial :
   - Nessus
   - Burp
   - Acunetix
   - AppScan
   - Core Impact
   - Net Sparker
   - Web Inspect
   - Nipper
   - EnCase Forensics from Guidance Software
   - IDEA data analytics
   - Check Marx
   - Immunity Canvas

   Open Source / Free-ware :
   - Kali Linux suite of tools
   - Parrot Security suite of tools
   - Black Arch suite of tools
   - N-map
   - Zap
   - Metasploit
   - Nikto
   - Sqlmap
   - Netcat
   - OpenVas
   - w3af
   - Tamper data, etc. etc.

   Proprietary :
   - SAP-GRC SoD conflict resolution 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   :   No

*Information as provided by <**organization**> on <**date**>

M/s Briskinfosec Technology and Consulting Pvt Ltd

1. Name & Location of the Empanelled Information Security Auditing Organization:

   Briskinfosec Technology and Consulting Pvt Ltd
   No.21,2nd Floor, Krishnamachari Rd, Tirumurthy Nagar,
   Nungambakkam, Chennai, Tamil Nadu 600034

2. Carrying out Information Security Audits since : 2014

3. Capability to audit, Category wise

Network Security audit (Y/N)	:	Y
Web Application Security audit (Y/N)	:	Y
Wireless Security audit (Y/N)	:	Y
Physical Access Control & Security Testing (Y/N)	:	Y
Source Code Review (Y/N)	:	Y
Mobile Application Security (Y/N)	:	Y
Configuration Audit (Y/N)	:	Y
Cyber Forensics Investigation (Y/N)	:	Y
Penetration Testing (Y/N)	:	Y
Compliance Audit (ISO 27001, PCI, etc) (Y/N)	:	Y
RBI PSS Audits (Y/N)	:	Y
Information Security Awareness (Y/N)	:	Y
Information Security Training (Y/N)	:	Y
Red Teaming / Social Engineering (Y/N)	:	Y
Secure Network Architecture Review (Y/N)	:	Y
Cloud Security Audit (Y/N)	:	Y
Risk Assessment (Y/N)	:	Y
Risk Management (Y/N)	:	Y
Security Operations Center (SOC) Integration (Y/N)	:	Y
Post-Product Implementation Review (Y/N)	:	Y
Product Security Audit (Y/N)	:	Y
IOT Security Testing (Y/N)	:	Y
Social Engineering Services (Y/N)	:	Y
AI Endpoint Security (Y/N)	:	Y
WAF Implementation (Y/N)	:	Y
Virtual Security Team (Y/N)	:	Y
Thick Client Security Assessment (Y/N)	:	Y
Database Security Assessment (Y/N)	:	Y
API Security Assessment (Y/N)	:	Y
Host Level Security Assessment (Y/N)	:	Y
Website Security Assessment (Y/N)	:	Y
Security Process Review and Cybersecurity Framework (Y/N)	:	Y
Security Hardening and Configuration Review (Y/N)	:	Y

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

Govt.	:	N/A
PSU	:	N/A
Private	:	85 Approximately
Total Nos. Of Information Security Audits done	:	150 Approximately

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

S.NO	Security Assessment Category	Quantity (Approx.)
1	Web Application Security	60
2	Infrastructure Security	40
3	Mobile App Security	35
4	Cloud Security	20
5	Security Training Assignments	80
6	Secure Development Implementation	15
7	Vulnerability Assessment and penetration Test	75
8	Wireless Security Assessment	15
9	Compliance Security Assessment ISO 27001, HIPAA etc.	10
10	API Security Assessment	40

6. Technical manpower deployed for information security audits

CISSP	:	3 Approximately
BS7799 / ISO27001 Las	:	4 Approximately
CISA	:	3 Approximately
Any other information security qualification	:	20 Approximately
Total Nos. of Technical Personnel	:	30 Approximately

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

S. No.	Name of Employee	Duration with Briskinfosec	Experience in Information Security	Qualifications related to Information security
1	Mr.Arulselvar Thomas	4 Years	8 Years	CEH, PCI:DSS, BAPT, ISO 27001
2	Mr.Lakshmi Narayanan	2.5 Years	25 Years	CISSP, CISA. PMP. ISO 27001
3	Mr.Devanand Kumar	4 Months	15 Years	CISSP, CISA. PMP. ISO 27001
4	Mr.DineshChelladurai	2 years	2.5 years	BAPT, CEH
5	Mr.Dawood Ansar	1.7 years	3 years	CEH, ECSA
6	Mr.Venkatesh	1.5 Years	3 Years	CEH, BNPT
7	Mr.Dharmesh Baskaran	1.1 years	2 years	CEH, ECSA
8	Mr.Mohan Balaji Venkatesh	1 year	2.5 years	CEH, BISE
9	Mr.Sathish Kannan	3 Years	4 Years	CEH, ECSA, ISO 27001

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

Security assessment largest Software development company to meet ISO 27001 Compliance
More than 1000+ end-points, 50+ servers and 25 Applications
Project value: approximately INR: 15 Lakhs
Security assessment for India's 3rd Largest wired Internet Service Provider
100 servers, 5 Web Applications, 8 Thick Client application and 4 Mobile Application
Project value: approximately INR: 10 Lakhs
Security assessment for 25 years old IT Consulting company
5 Web Applications, 4 Mobile Application and 4 Training
Project value: approximately INR: 10 Lakhs
Security assessment for largest private bank at east Asia
2 Core Banking Apps, Swift Apps, 15 Servers, 5 Training
Project value: approximately INR: 30 Lakhs

9. List of Information Security Audit Tools used (Commercial / Freeware / Proprietary)

S.NO.	NAME	DESCRIPTION
COMMERCIAL TOOLS		
1	Burp Suite Pro	Web Vulnerability Scanner
2	Nessus	Network Vulnerability Scanner
3	Qualys	Vulnerability Exploitation Tool
4	Netsparker	Web Vulnerability Scanner
5	Checkmarx	Source Code Review Tool
6	Nexpose	Network Vulnerability Scanner
7	Acunetix	Web Vulnerability Scanner
8	Web Inspect	Web Vulnerability Scanner
9	Appscan	Web Vulnerability Scanner
10	AlienVault OSSIM	SIEM Tool
11	Nipper	Configuration Audit Tool
FREEWARE TOOLS		
1	Nmap	Port Scanner
2	Netcat	Network Utility
3	SOAP UI	SOAP API Testing
4	SuperScan	Port Scanner
7	Metasploit	Expolit Framework
8	Kali Linux	Penetration Testing OS
9	Brutus	Password Bruteforcing
10	Cookie Editor	Browser Addon for Cookie editor
11	Netstumbler	Wireless Network Scanner / Sniffer
12	Kismet	Wireless Network Scanner / Sniffer
13	SQLMap	SQL Injection Testing
14	Zenmap	Port Scanner, Fingerprinting
15	Frida	Reverse Engineering Tool for Mobile
16	Radare2	Reverse Engineering Tool

17	Mob-SF	Mobile Application Scanner
18	Wireshark	Web Debugging tool
19	Fiddler	Web Debugging tool
20	Nikto	Web App scanner
21	Peach	Python Based fuzzer framework
22	Ettercap	Network Sniffing tool
23	Dex2jar	Reverse Engineering Tool
24	Jd-gui	Mobile application code review
25	Androguard	Reverse Engineering Tool
26	Drozer	Reverse Engineering Tool
27	OpenVAS	Web App scanner
28	Hping3	Port Scanner
29	Snort	SIEM Tool
30	Qark	APK Static analysis tool
31	AndroBugs	APK Static analysis tool
32	Inspeckage	Android and iOS analysis tool
33	iNalyzer	iOS Dynamic Analysis tool
34	IntroSPY	iOS and Android Blackbox Testing
35	BadKarma	Network and Web Scanner
36	Watchdog	Network scanner

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

**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
    146, 5th Floor, Gopal Towers, Ramaiah Street,
    H.A.L II Stage, Bangalore – 560008**

2. Carrying out Information Security Audits since   :   Nov 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   :   *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   :   30
    Web-application security audit   :   15
    Wireless security audit   :   **15**
    Compliance audits (ISO 27001, PCI, etc.)   :   40

6. Technical manpower deployed for informationsecurity audits :

    CISSPs   :   2
    BS7799 / ISO27001 LAs   :   *5*
    CISAs   :   *2*
    DISAs / ISAs   :   0
    Any other information security qualification   :
                                        C.E.H   -   4
                                        PCI   –   5
                                        PA   -   1
                                        ECSA   -   1
    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 Crossbow Labs LLP	Experience in Information Security	Qualifications related to Information security
1	Rosan Thomas	3 Years	7 years	CISSP, CISA, ISO 27001 LA & PCI QSA
2	Deepak Umapathy	3 Years	8 years	ISO LA 27001 PCI QSA
3	M.K. Prasad	2 Years	5 Years	C.E.H
4	Kirubakaran Parkunan	1.5 years	5.5 years	LA ISO 27001
5	Nithiyanandam	3years	4.5	C.E.H ISO 27001 LA
6	Arpit Rohela	1.7 Years	1.7 Years	C.E.H, E.C.S.A
7	Sardar Salim Shaikh	1.8	1.8	C.E.H SECURITY +

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

   Lulu International Group, U.A.E

   13 Server Locations, 300 + IP addresses that includes DC, Network devices and POS locations.

9. List of Information Security Audit Tools used (commercial/ freeware/proprietary): Nessus, Metasploit, Exploitpack, Burpsuite, Bolt (Data finder 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   :   No

*Information as provided by Crossbow Labs LLP on 06th FEB 2019

Back

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

M/s CyRAAC Services Private Limited

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

   **CYRAAC SERVICES PRIVATE LIMITED
   BANGALORE**

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**

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

   Govt.   :   ***0***
   PSU   :   ***1***
   Private   :
   (***Etyacol, Fincare, Samasta, ITC Infotech, Zeotap, Firstsource, DTDC, Mphasis, Marlabs, Market Xpander, Axis Cades, Rang De, BeMore)***
   Total Nos. of Information Security Audits done:

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   :   30
   Wireless security audit   :   **2**
   Compliance audits (ISO 27001, PCI, etc.)   :   **9**

6. Technical manpower deployed for informationsecurity audits:

   CISSPs   :   ***1***
   BS7799 / ISO27001 LAs   :   1
   CISAs   :
   DISAs / ISAs   :
   Any other information security qualification   :
                                               CEH   (2),
                                               CISM   (1),
                                                CBCP   (1),
                                                PCI DSS QSA   (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	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.

   Allcargo Logistics – Rs 13 Lakhs
   ECU Worldwide - Rs 13 Lakhs
   Ernst & Young – Rs 18 Lakhs

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

Network Security, Web Application Security, Wireless Security Audit

Tool	Detail
Nessus Professional	Infrastructure Scanning
Qualys	Web Application Scanning
Fortify Web Inspect	Web Application Scanning
Burp Suite	Penetration Testing
Metasploit	Penetration Testing
NMAP	Infrastructure Scanning
Wireshark	Infrastructure Scanning
Charles	Infrastructure Scanning
Nikto	Penetration Testing
SQLmap	Penetration Testing

Compliance Audits

LogicGate

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 **CYRAAC SERVICES PRIVATE LIMITED** on **7th Feb 2019**

Back

M/s Netrika Consulting India Pvt. Ltd.

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

   Netrika Consulting India Pvt. Ltd.

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

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)**

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

   Govt. : ***None***
   PSU : ***None***
   Private :
   Delhivery Pvt Ltd , Audio Magick, Fairfax , Risq Group
   Total Nos. of Information Security Audits done : **5**

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 : 6
   Wireless security audit **:** 6
   Cyber Forensics : 3
   Mobile Forensics : 1
   Compliance audits (ISO 27001, PCI, etc.) : 3

6. Technical manpower deployed for information security audits :

   CISSPs : ***none***
   BS7799 / ISO27001 LAs : ***3***
   CISAs : ***none***
   DISAs / ISAs : ***none***
   Any other information security qualification :
   EC Council Certified Ethical Hacker(CEH), ISO20000 , ISO 9001 2000 LA
   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 *<organization>*	Experience in Information Security	Qualifications related to Information security
1.	Nikit Jain	6 Month	3	CEH
2.	Mohnish Gehlot	1.5 Years	3	CEH
2.	Vaibhav Pulekar	1.8 Years	7	CEH , ISO 27001: 2013 LA
3.	Harshwardhan Rawat	1.8 Years	7	CEH , ISO 27001 : 2013 LA

4.	Deepak Singhal	1 Month	10	ISO:270001 LA, ISO:20000

8. Specify Largest Project handled in terms of scope (in terms of volume, complexity, locations etc.) along with project value – Delhivery Private Ltd (Implemented ISO 27001 : 2013 for their organization, Carried our surveillance audit) , Annual Review of ISMS & Implementation of controls for ISO 27017 (Security controls for cloud services) . Project Scope was their corporate office in Gurgaon. Total Project value Approx – 5.5 L

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

   Commercial - Burpsuite , Netsparker

   Freeware -Zed Attack Proxy (ZAP), Vega, SQLMap Burpsuite OWASP SQLi

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

SAIF ZONE , Q1-06-141/C
PO Box – 124932
Sharjah Airport Free Zone

Singapore

Regus Vision Exchange
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+65 87308006

Sri Lanka

32 Uswatte Road,
EtulKotte,Kotte,
Sri Lanka

*Information as provided by Netrika Consulting India Pvt. Ltd. on 07-02-2019

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

M/s NSEIT Ltd.

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

   NSEIT Ltd, Trade Globe,
   Ground Floor, Andheri-Kurla Road,
   Andheri (E), Mumbai - 400 059.PIN 400059.

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

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
   - Mobile-application security audit (Y/N)   :   Y

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

   Govt.   :   *3*
   PSU   :   *3*
   Private   :   *8*
   Total Nos. of Information Security Audits done   :   100 plus

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

   Network security audit   :   10 plus
   Web-application security audit   :   40 plus
   Wireless security audit   :   2
   Compliance audits (ISO 27001, PCI, etc.)   :   5
   Information security policy review   :   4 plus

6. Technical manpower deployed for informationsecurity audits :

   CISSPs   :
   BS7799 / ISO27001 LAs   :   1
   CISAs   :
   CEH   :   4
   ECSA   :   *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 *<organization>*	Experience in Information Security	Qualifications related to Information security
	Giriraj Jadhav	0.9 yrs	12 yrs	Cambridge Certified Linux Associate Cambridge Certified Security Associate Cambridge Certified Internet Associate Microsoft Certified Professional (MCP)
	Khushboo Sharma	0.7 yrs	11 yrs	
	Mittal Amrutbhai Patel	2.3 yrs	3 yrs	
	Sagar Karan	2.9 yrs	16 yrs	Cambridge Certified Security Associate

				Cambridge Certified Internet Associate International Associate – Association Of Certified Fraud Examiners CEH – Certified Ethical Hacker CIW Security Analyst International Associate – Association Of Certified Fraud Examiners.
	Vidula Tendolkar	0.5 yrs	3.2 yrs	ECSA
	Sayed Abbas Raza	0.4 yrs	1.10 yrs	CEH
	Sneha Kawadgave	1.1 yrs	1.1 yrs	CEH
	Bhavesh Patil	0.3 yrs	3 yrs	CEH, ISO 27001 LA

8. Specify Largest Project handled in terms of scope (in terms of volume, complexity, locations etc.) along with project value. Cyber Security Architecture and Configuration review for a payment gateway in India. 55 lacs

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

Sr No	Testing Environment	Tool Name	Commercial/ Freeware/Proprietary
1	Web Appsec	Burp Suite Professional	Commercial
2		SQLmap	Freeware
3		Dirbuster	Freeware
4		Wireshark	Freeware
5		Winhex	Freeware
9	Mobile Appsec	Android SDK	Freeware
10		GenyMotion	Freeware
11		ApkTool	Freeware
12		Dex2Jar	Freeware
13		JD-Gui	Freeware
16		Burp Proxy	Commercial
17		iOS Simulator	Freeware
18		Cydia	Freeware
20		iTools	Freeware
22		iNalyzer	Freeware
23		Androbugs	Freeware
24	Network VAPT	NMap	Freeware
25		Nessus	Commercial
27		TestSSLScan	Freeware
28		SSLScan	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 NSEIT Ltd. on 08/02/2019

Back

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

M/s Pyramid Cyber Security & Forensic Pvt. Ltd.

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

    **Pyramid Cyber Security & Forensic Pvt Ltd,
    FB-05, NSIC Software Technology Park Extension,
    Okhla Industrial Estate,
    New Delhi-110020, India**

2. Carrying out Information Security Audits since   :   **5+ Years**

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, GDPR, ISNP, HIPAA)   :   **Yes**
    - IT Risk Assessment – (Y/N)   :   **Yes**
    - Mobile Application Security Testing – (Y/N)   :   **Yes**
    - Compliance audit as per Government of India
      Guidelines (RBI, SEBI etc.) (Y/N)   :   **Yes**
    - Incident Response (Y/N)   :   **Yes**
    - Forensics Analysis (Y/N)   :   **Yes**
    - Source Code Review (Y/N)   :   **Yes**
    - Red Team Assessment (Y/N)   :   **Yes**
    - Threat Hunting and Analysis (Y/N)   :   **Yes**

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

Govt.	:	*1*
PSU	:	*0*
Private	:	*20+*
Total Nos. of Information Security Audits done	:	21+

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	:	**10**
Wireless security audit	:	**2**
Mobile Application Testing	:	**3**
Compliance audits (ISO 27001, ISNP	:	**5**
Source Code Review	:	**1**
RBI Security Compliance Audits	:	**3**
Forensic Analysis	:	**15**
Incident Response	:	**2**

6. Technical manpower deployed for informationsecurity audits:

CISSPs		:	*0*
BS7799 / ISO27001 LAs		:	*2*
CISAs		:	*2*
DISAs / ISAs		:	*1*
Any other information security qualification:			
	OSCP :		*2*
	OSWP :		*1*
	CISM :		*1*
	ITIL :		*2*
	CEH :		*2*
Total Nos. of Technical Personnel		:	**20**

M/s Pyramid Cyber Security & Forensic Pvt. Ltd.

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	Dinesh Bareja	8 Years	18+ Year	CISA,CISM, ITIL
2	Sunil Yadav	10 Years	20+ Years	BE, ACE
3	Harpreet Singh	6 Months	6+ Years	B.Tech, OSCP, OSWP
4	Deepankar Arora	1.5+ Years	3 Years	OSCP
5	Praveen Sahu		4+ Years	MS- Cyber Law & Information Security, ISO27001 & HIPAA
6	UmmelMeel	2+ Years	3+Years	B.Tech, CEH, Diploma in Cyber Law
7	Ravi Kant	9 Months	2+ Years	CISA, DISA, SIX SIGMA Green Belt, CEH v8, ISO27001LA, ITIL, COBIT-5
8	Salman Mehboob Khan	5+ Years	6+ Years	M.Tech, ACE, ISO 27001 LA
9	Rahul Kumar	2.5 Years	5 Years	B.Tech, ACE, ISO27001LA

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

   1. Conducted Network Security & Web Security Audit for complete internet facing infrastructure of an Oil and Energy Company in Africa.
   2. Conducted Malware Incident Response along with Network Security Audit and Network Sanitization for M/s MFI, Kenya

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

Freeware
   1. Nmap - Port Scanner
   2. Maltego - Recon
   3. OWASP ZAP - Proxy
   4. Nikto – Vulnerability Scanner
   5. Xsser – Vulnerability Scanner
   6. Dirb/Dirbuster – File/Directory Enumeration tool
   7. Empire – Post Exploitation Framework
   8. Koadic – Command & Control (C2)
   9. DNSscan – DNS Recon
   10. Metasploit Framework – Exploitation
   11. OpenVAS – Vulnerability Scanner
   12. BurpSuite Community Edition – Vulnerability Scanner
   13. Dirsearch
   14. Veil-Evasion
   15. Shellter
   16. Immunity Debugger
   17. WinDBG
   18. MobSF Mobile Security Framework
   19. Hping – TCP ping utility
   20. Wireshark – Network Packet Capture
   21. SQLMAP – SQL Injection Exploitation tool
   22. John (Johnny) – Password cracking tool
   23. Hashcat – Password cracking tool
   24. NetCat – Network Swiss Army Knife
   25. WafW00f – WAF Evasion tool
   26. SET – Social Engineering Toolkit
   27. CredSniper – Phishing Exploitation tool
   28. Aircrack-ng – Wireless Exploitation Toolkit
   29. Fiddler – Man-In-The-Middle Proxy
   30. Sys-Internal Toolkit – Windows System Analysis & Malware Detection

Commercial
   31. Metasploit Pro
   32. Nessus Professional
   33. BurpSuite

34. Shellter Pro
35. IDA Pro
36. Nipper
37. Accessdata FTK
38. VoundIntella
39. NetSparker

Propriety
- Custom Python Exploitation Scripts
- Siege Exploit Builder

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 Pyramid Cyber Security & Forensic Pvt Ltd on 08-02-2019

Back

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

M/s Wings2i IT Solutions Pvt. Ltd.

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

   **Wings2i IT Solutions Private Limited,
   No 80, 3rd Floor, BOSS SQUARE,
   1st Cross, 2nd Main, BTM 2nd Stage
   Bangalore, Karnataka, INDIA 560076**

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

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, SOC2, HIPAA,etc.)(Y/N) : Y
   - Cloud Platform Configuration audit : Y
   - Medical device Security audit : Y
   - Mobile Application Testing : Y
   - PII / Data Privacy Audits : Y

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

Govt.	:	*0*
PSU	:	*0*
Private	:	180+
Total Nos. of Information Security Audits done	:	180+

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	:	**47**
Wireless security audit	:	**11**
Compliance audits (ISO 27001, PCI, SOC2, HIPAA,etc.)	:	**50+**
Cloud Platform configuration Audit	:	3
Medical device Security audit	:	1
Mobile Application Testing	:	9
PII / Data Privacy Audits (GDPR/Canada/US/Australia)	:	8

6. Technical manpower deployed for informationsecurity audits:

CISSPs	:	*1*
BS7799 / ISO27001 LAs	:	*12*
CISAs	:	*2*
DISAs / ISAs	:	*0*
Any other information security qualification: *(CEH , DSCI LA , CPISI etc.)*	:	17
Total Nos. of Technical Personnel	:	17

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 *Wings2i*	Experience in Information Security	Qualifications related to Information security
1	Vinod Kumar Agrasala	10years	20+ Years	Certified Lead Auditor - ISO 27001,22301, 20000, DSCI Certified Lead Assessor for Data Privacy, ITIL V3 Expert, ITIL4 Foundation,
2	Praveen Kumar Reddy	10 years	20+ Years	Certified Lead Auditor - ISO 27001, 22301,CISSP, CISA, CCNA, MCSE and CCA, DSCI Certified Lead Assessor for Data Privacy,ITIL V3 Foundation.
3	Reena Ramachandran	9.5 Years	20+ Years	Certified Lead Auditor - ISO 27001, 22301,ITIL V3 Foundation.
4	Rajesh V Nair	6years	12 Years	CISA, CCEP, CPISI, Certified Lead Auditor – ISO 27001, 22301.
5	Gokul C Gopinath	1.5 Years	8 years	Jncia-Junos,CE|H Certified Lead Auditor - ISO 27001, 22301, CCNA CCVP .
6	A Sai Jitendra	2.5 Years	2.5 years	Certified Lead Auditor 27001,22301, CDAC-DITISS.
7	Harsh Jalan	2 Years	8+ years	Certified Lead Auditor 27001, 22301, ITIL V3 Certified
8	Varun Sankaran	1 Year	6 Years	Certified Lead Auditor ISO/IEC 27001, 22301, ITIL Foundation (V3)
9	Sumesh V	.5 Years	7 Years	CCVP/ CCNP,CCNA, AFCEH.
10	Puneeth S	4 Years	4 years	Certified Lead AuditorISO 27001,22301, AWS Solution Architect – Associate,ITIL V3 Foundation Certified.
11	Azenio Prakash C	3 year	4 years	Advanced Google Analytics,Certified Lead Auditor ISO 27001, 22301, ITIL V3 Foundation Certified.
12	Susmita Rani Kha	1 year	3 Years	Lead Auditor 27001.
13	Gourab Sahoo	2 Years	3 Years	BTech.
14	AmitrajGurram	2 Years	2 Years	CCNA.
15	Ragith KR	1 Year	2 Years	BTech.
16	Penjuri Nagavardhan	1 Year	1 Year	BTech.
17	Shashank Awadhut	1 Year	2 Years 2 Months	CEH, CertifiedLead AuditorISO 27001,Network Security Professional, Certified in Advance Java

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

Sl no	Organization &Domain	Activity	Locations	Project Value
1	Major telecom provider	ISMS Implementation, Maintenance, Compliance, Network & Application Audits	Algeria	~ 10000000
2	Major Healthcare Service Provider in India	Cyber Security (Network, Application, Wireless and Medical device Security Audits) and Risk assessment	Hospitals across Multiple Location in India	~ 2000000
3	Major Mobile VAS Platform provider Since 2010	ISMS compliance maintenance and audits, Network, Application and wireless security Audit	Bangalore	~ 4000000
4	Major BI product/ Platform provider	ISMS Compliance Implementation and Audit, Product Security Audit	Bangalore, Pune, Mumbai, UK, Japan, US	~3200000
5	Major Data Analytics service Provider	ISMS Compliance maintenance and audits, Data analytics Platform (web, Mobile), Network and wireless security Audits, Data privacy and SOC2 Compliance Audits, HIPAA trainings	Bangalore, Austin	~ 4000000
6	Financial printing service provider for Banks	Network, Applications, Wireless and Device security Audits	Multiple location across India	~1000000

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

   1. **Commercial**

      1. Nessus Pro –Network security Audit
      2. Burp Suit Professional – Web Application Security Audits
      3. Nipper Studio

   2. **Freeware**
      1. Nmap
      2. Nikto
      3. Netcat
      4. Wireshark
      5. Kali
      6. Metasploit
      7. Mozilla Firefox security Addons
      8. Firewalk
      9. HPing
      10. HTTrack
      11. OWASP ZAP
      12. OWASP Mantra
      13. Xenotix
      14. John The Ripper
      15. Paros

16. Wikto
17. Ethereal
18. Brutus
19. Rips
20. IronWasp
21. Fiddler
22. Tamper Data
23. OpenVas
24. W3af
25. Exploit Database
26. SQL Map
27. Hydra
28. Android Debug Bridge
29. AndroBugs Framework
30. Apktool
31. ByteCode Viewer
32. Drozer
33. Dex2Jar
34. Jd-Gui
35. SQLite Database Monitor
36. Pidcat

3. **Proprietary**
   1. Own developed Scripts for XSS, OS, AWS, and Database Security Audits

10. Outsourcing of Project to External Information Security Auditors / Experts   :   Yes
    Outsourcing of compliance audits to certified compliance auditing organizations.
    Control Mechanisms:Contracts, NDA with the organization and auditing personalReview of the
    audit report before submission.

11. Whether organization has any Foreign Tie-Ups? If yes, give details   :   Yes
    Accreditation bodies like PECB, PeopleCERT, Gaming Works and
    partnership with multiple organization in Middle East

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 Wings2i IT Solutions Pvt Ltd on 18-Feb-2019

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

M/s Zulon Consulting

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

   Zulon Consulting,
   2/203,Vahatuk Nagar, Amboli,
   Andheri(W) Mumbai- 400058.

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

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

   - Network security audit   :   **10+**
   - Web-application security audit   :   **15+**
   - Wireless security audit   :   **5+**
   - Compliance audits (ISO 27001, PCI, etc.)   :   **4**

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

   Govt.   :   *2+*
   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)*

Sr.	Category	Brief Description of Work	Details of Contact Person at Auditee Organization (Name, email, website URL, Mobile, telephone)	Additional Info
1	Pvt.	Audit as per RBI requirements	Name: Priti Shah Email ID: PritiShah@pmcbank.com Organisation: PMCB Website: www.pmcbank.com Phone number: (022) 6780 4174 Extn: 4174	PMCB
2	Pvt.	Audit as per RBI requirements	Name: Ravindra Pathar Email ID: rspathar514@gpparsikbank.net Organisation: GPP Bank	GPPJSB

			Website:www.gpparsikbank.com	
			Phone Number: 022-25456524	
3	Pvt.	Audit as per RBI requirements	Name: DK Gosavi	KJSB
			Email ID:	
			dkgosavi@kalyanjanata.in	
			Organisation: KJSB	
			Website: www.kalyanjanata.in/	
			Phone Number: 9322705900	
4	Pvt.	Audit as per PCI requirements	Name: Pankaj Khandelwal	ISG
			Email ID: pankajk@insolutionsglobal.com	
			Organisation: ISG	
			Website: www.insolutionsglobal.com	
			Phone Number: 9820820497	
5	Pvt.	Audit as per RBI requirements	Name: Vikram Idnani	Tata – Trent
			Email ID: Vikram.Idnani@trent-tata.com	
			Organisation: TATA Trent	
			Website: www.tata.com/company/profile/Trent	
			Phone Number: 9920620325	
6	Pvt.	Audit as per ISO27001 requirements	Name: Sreeram GC	TATA TRUST
			Email ID: sgomadam@tatatrusts.org	
			Organisation: TATA Trust	

S. No.	Name of Employee	Duration with Zulon Consulting	Experience in Information Security	Qualifications related to Information security
		Website: www.tatatrusts.org		
		Phone Number: 9962589935		
7	Section 8 Company	Audit as per PCI requirements	Name: Rajendra Bhalerao	NPCI
			Organisation: National Payments Corporation of India (NPCI)	
			Website: https://www.npci.org.in/	
			Phone: 7045958873	

6. Technical manpower deployed for informationsecurity audits :

CISSPs	:	*2*
BS7799 / ISO27001 LAs	:	*6*
CISAs	:	*2*
DISAs / ISAs	:	*1*
Any other information security qualification	:	
		PCI QSA, CRISC, CEH, OSCP
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 Zulon Consulting	Experience in Information Security	Qualifications related to Information security
1	Anshuman Dubey	16-Aug	7	ISO27001LA, ITIL.
2	Hamza Qureshi	16-May	4	ISO 27001 LA, ITIL Foundation
3	Sharon Saldanha	16-Sep	4	CEH, CND, ESCA, CHFI
4	Niraj Yewlekar	16-Jan	8	CCNA, Advance Diploma in Computer Hardware & Web Technology
5	Devdutta Gawade	16-Feb	8	ISMS LA
6	Xavier M.S	16-Jan	18	ISO 27001 LA, ITIL, MCSE, CISSP, GDPR Foundation
7	Murali Krishnan	17-Jan	4	ISO27001LA, ITIL.
8	Bhagyashree Mulgund	16-Aug	6	ISO27001
9	Narendra Sahoo	16-Jan	25	CISSP, CISA, ISMS LA, CRISC
10	Sayed Asad	16-Dec	4	CEH
11	Sneha Desai	16-Feb	4	CEH, Post Graduate Diploma in IT Infrastructure, Sys-tem and Security (PD-DITISS)

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

Projects	Volume	Complexity	Locations
InSolutions Global – Compliance Management	Into card printing, card processing, payment application development – We support end to end compliance	Payment processor to some of the largest banks and merchants in India	Mumbai, Pune, Delhi and Bangalore
PMCB – Compliance Management	End to end compliance	One of the largest Co—operative bank	100 locations across Maharashtra
GPPJSB – Compliance Management	End to end compliance	One of the largest Co-operative bank	75 locations across Maharashtra

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

1. Rapid7 NeXpose
2. IBM Rational AppScan.
3. NESSUS.
4. GFI Languard.
5. Acunetix WVS.
6. QualysGuard.
7. BurpSuite.
8. MetaPacktPublishingoit.
9. Nikto.
10. Wikto.
11. BackTrack Security Distro.
12. Paros Proxy.
13. Nmap.
14. Exploits DB from "astalavista", "packetstormsecurity", "exploitdb" etc.
15. Google Hack DataBase.
16. Inhouse customized Scripts.
17. Zero Day Scripts / Exploits.
18. Other Tools (As when required by the type of work).

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 **Zulon Consulting** on **18th February 2019.**

**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: **2001**
   (erstwhile AUDITime Information Systems 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 Migration & Pre / Post Implementation Audits	Y
IT M&A / Due Diligence Audits	Y
Concurrent / Continuous Audits – DC, Application, Privileged Access Audits	Y
Assurance of IT Audits	Y

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

Govt.: *<number of>:*	33
PSU: *<number of>:*	23
Private: *<number of>:*	48
Total Nos. of Information Security Audits done:	104

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

Network security audit:	14
Web-application security audit:	57
Wireless security audit:	01
Compliance audits (ISO 27001, PCI, etc.):	16
Mobile/API PT:	06
Data Migration Audit:	03
Cloud Security Audit	01
AUA KUA Audit	02
ITCR AUDIT	09
Software Licensing	01
Source Code Reviews	02
Special / other Audits	07
Concurrent Audit	18
TOTAL	**137**

6. Technical manpower deployed for informationsecurity audits:

CISSPs:	*0*
BS7799 / ISO27001 LAs:	*5*
CISAs:	*6*
DISAs / ISAs:	*0*

Any other information security qualification:
CISM,CISE, CCNA,CND CISC, CDAC (PG-DITISS),MSC forensic science, Diploma in Cyber Law, CEH,CDAC (ITSS),Networking, Win Ad & Linux, CHFI, ECSA,Internet crime investigation.
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)

Sr. no.	Name of Employee	Duration with AQM	Experience in Information Security	Qualifications related to Information security
1	Madhav Bhadra	18 Years	18 Years	CA,CISA, CISM
2	Ritesh Kotecha	12.5 Years	12.5 Years	CA, CISA
3	Dhruti Patel	15 Years	15 Years	CISA, ISO 2000
4	Rasika Manoj Patil	3 Years	3 Years	CISA, CISM, ISO 27001 LA
5	Sanjay Jitendra Parikh	2.5Years	18 Years	CISA, PG DCM, ITIL, ISO 27001 LA
6	Pravin Kumar Singh	2 Years	4.5Years	CISE, CCNA, CEH, CYVECTOR
7	Pratik M Chotaliya	2 Years	2.6 Years	ECSA, CEH, CND CISC
8	Shekhar Bhatnagar	2 Years	15+ Years	MCSE, CCNA, CEH
9	Ruchika Agrawal	2 Years	2 Years	CDAC (PG-DITISS)
10	Gaurav Kumar Naradmuni Pandey	1 Year	2.9 Years	ISO 27001 LA
11	Kiran Prakash Joshi	1 Year	1 Year	MSC forensic science, ISO 27001 LA, CCNA, CEH, LINUX Administration
12	Nimesh S Kacha	1 Year	1 Year	CEH v9, Cyber Law, ISO 27001 LA
13	Mahesh Vaman Harkulkar	1 Year	1 Year	CDAC (ITSS)
14	Akash Bharat Chavan	1 Year	1 Year	CDAC (ITSS)
15	Chaitanya Santosh Anant	1 Year	1 Year	CDAC (ITSS)
16	Ashish Kumar Saini	3 Years	3 Years	CDAC (ITSS)
17	Smita Sharma	1 Year	1 Year	CDAC (ITSS), CEH v10
18	Vrushali P. Shirke	1 Year	< 2Years	CEH, Internet Crime investigation
19	Sanjay Kumar Verma	2 Years	< 3Years	CDAC (ITSS), Networking, Win Ad & Linux Admin
20	Ankit Sunil Sharma	< 1 Year	< 1 Year	CEH, CHFI, ECSA, ISO 27001 LA
21	Devender Tinwal	< 1 Year	< 1 Year	CISA
22	Durgesh PratapraoBadgujar	< 1 Year	< 1 Year	CDAC (ITSS), CEH v10
23	KajolMogra	< 1 Year	< 1 Year	MSC forensic science

8. Specify Largest Project handled in terms of scope (in terms of volume, complexity, locations etc.) along with project value.
    1. State level APEX &DCCBs (Single Tender)
        1. Apex Bank – 1 No.
        2. DCC Banks – 19 Nos.
    2. Total Branches : 620 Branches
    3. Scope of audits:

1. Application Audits (HO level)
2. Application Audits (Branches)
3. IT Control Review Audits
4. Network & Security Audits
5. Data Migration Audits
6. Risk Assessments
4. Project Value: ~ INR 17.7 million

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

Tool Name	Purpose
Acunetix	Web Application VA
Burpsuite	Web App, Mobile App, API VAPT,
SoapUI	API VAPT
IBM Appscan	Source Code Review & Web App PT
Nessus	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 analyzer
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 (eg: 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: 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 **AQM Technologies Pvt Ltd.**On**31st July 2019.**

**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
    Bengaluru – 560045, Karnataka**

    Representing all its 9 units at Bengaluru, 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**
    - Wireless security audit (Y/N)   :   **No**
    - Compliance audits (ISO 27001, PCI, etc.) (Y/N)   :   **Yes**
      Gap analysis w.r.t ISO 27001
    - Secure SDLC Review (Y/N)   :   **Yes**
    - Secure Code Review (Y/N)   :   **Yes**

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

    Govt. : *<number of>*   **- Nil-**
    PSU : *<number of>***Infrastructure VAPT for BEL Units   – 4;**
    Application VAPT for the defence customers   – 11,

    ISO 27001 Compliance audits for BEL Units   –2
    Private : *<number of>*   **-Nil-**
    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: *<number of>*   **-4-**
    Web-application security audit: *<number of>*   **-11-**
    Thick-client application security audit **:** *<number of>*   **-5-**
    Wireless security audit: *<number of>*   **-Nil-**
    Compliance audits (ISO 27001, ~~PCI~~, etc.,): *<number of>* **-2-**

6. Technical manpower deployed for informationsecurity audits :

    CISSPs : *<number of>*   ***-Nil-***
    ~~BS7799~~ / ISO27001 LAs : *<number of>*   ***-10-***
    CISAs : *<number of>*   ***-Nil-***
    DISAs / ISAs : *<number of>*   ***-Nil-***

    Any other information security qualification:

    M.Tech (Information Security) : *<number of>*   ***-2-***
    M.Tech (Cyber Security) : *<number of>*   ***-2-***
    M.Tech (Cyber Law & Information Security) : *<number of>*   ***-1-***
    NPT : *<number of>*   ***-2-***
    CEH: *<number of>*   ***-4-***
    CCNSP : *<number of>*   ***-2-***
    CHFI : *<number of>*   ***-1-***
    ACE : *<number of>*   ***-1-***

    Total Nos. of Technical Personnel   :   **21**

M/s Bharat Electronics Limited

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 <BEL> in Years	Experience in Information Security (in Years)	Qualifications related to Information security
1.	Kunal Mohan Sadalkar	8	7	M.Tech (Information Security)
2.	Neeraj Kumar	5	7	M.Tech (Information Security), CHFI V8, ACE
3.	Jagan Mohan Rao B	20	8	PMP, Trained on CISSP
4.	Shylaja K	20	15	PMP, ISMS LA, CCNSP, Trained on CCISO & CISSP
5.	Bhagya Lakshmi A N	15	4	M.Tech (Software Systems), PMP, ISMS LA, NPT, Trained on CISSP
6.	Poornima M	10	2	M.Tech (Cyber Security), CEH
7.	Swathi M D	9	4	CEH
8.	Antony Benedict Raja G	9	5	CEH
9.	Tarun Jain	9	5	Trained on CISSP
10.	Deepak D	7	3	NPT, CEH
11.	AnushreePriyadarshini	4	1	M.Tech (Software Engineering), CEH
12.	Akshatha S	0.7	0.7	-
13.	SandeepGadhvi	0.7	1	M.Tech (Cyber Security), ISMS LA
14.	Viplav	0.7	0.5	M.Tech (Cyber Law & Information Security)
15.	Vaman A Naik	33	5	ISMS LA
16.	Praveen Kumar H T	18	13	ISMS LA, CCNSP
17.	Madhavi M	15	2	PMP, ISMS LA
18.	Mrityunjaya P Hegde	9	3	PMP, ISMS LA
19.	Srinivas T	26	8	ISMS LA
20.	DeeprajShukla	10	4	ISMS LA
21.	Padmapriya T	8	1	PMP, ISMS LA

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

   Information Systems Infrastructure Audit of BEL-IS Ghaziabad comprising of Antivirus Server, DC, ADC, Radius, WSUS, Nagios, BEL_Sampark-Intranet Mail server,Web applications, Switches/Routers and Firewall for both Intranet and Internetwork.

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

Freeware			Commercial	Proprietary
Wireshark/ TCPDump	Ettercap	Dsniff	Nessus	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		
Ollydbg	Hash-Identifier	Process Hacker		
MBSA	Cisco Auditor	Armitage		

TestSSLServer	SysInternals Suite	Open SSL		
Python / Powershell Scripts	Cain and Abel	Browser Plugins		

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~~

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 PabedanTsp, Yangaon, Myanmar	**Vietnam** Bharat Electronics Limited 10th Floor, TNR Power Hanoi Vietnam

*Information as provided by <**BHARAT ELECTRONICS LIMITED**> on <**08.08.2019**>

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

M/s HKIT Security Solutions

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

    HKIT Security Solutions

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)
    - Compliance audits (ISO 27001, PCI, etc.)   :   (Y)

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

Govt.	:	**5**
PSU	:	**25**
Private	:	**20**
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	:	**<25**
Wireless security audit	:	**5**
Compliance audits (ISO 27001, PCI, etc.)	:	**5**

6. Technical manpower deployed for informationsecurity audits :

CISSPs	:	**4**
BS7799 / ISO27001 LAs	:	**10**
CISAs	:	**5**
DISAs / ISAs	:	**5**
Any other information security qualification	:	
PhD (info Sec), GDPR, CSA-STAR, Certified Forensic Detectives, PIMS		
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	Dr. Harsha	HKIT Security Solutions	12 Years	PhD (Info Sec), GDPR, LA, CSA-STAR, PIMS,
2	Ms. Gayathri	HKIT Security Solutions	8 Years	ISO LA, Certified Cyber Security Expert, Certified Forensic Detective
3	Mr. Snehil	HKIT Security Solutions	8 years	CCNA, Certified SANS Cyber Security , PET

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

    - **Sify Pan India Cyber Security Audit**
    - **Hathway Cyber Security Audit Pan India**
    - **Bosch (APAC) Cyber Security Audit (VAPT)**
    - **Delhi Indira Gandhi International Airports (T1, T2, T3)**

- **Mumbai International Airports (T1, T2,T3)**
- **SIT (5000 Nodes Infra) Cyber Security and Network Security Assessments**
- **Aadhaar Enrollment Application (KA)**
- **MRPL Mangalore (Oil & Gas)**

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

Scanners: Qualysguard, Nmap, Nessus, Acunetix , Burpsuite Pro
Sniffers: Wireshark, Ettercap, Win Dump, Tcpdump, dsniff, network-miner.
Packet crafting: Nemesis, Scapy
Password Crackers: Ophcrack, Brutus, Cain n Abel, L0pht crack, Hydra
Others: Burp, Paros, Achilles, Firewalk, Fragroute, httptunnel, snmpwalk, Netcat, Fport, WebGoat, BinText, PmDump, PwDump, HTTPrint, WinHTTrack, Sam Spade, WEPCrack, Kismet,
Reverse Engineering: gdb, Ollydbg, Filemon, Regmon, TCPmon, BinText, Java Decompiler, flare, flasm.
Exploitation: Metasploit Framework, custom exploits

Methodologies: OSSTMM, OWASP, NSA Security guidelines, OCTAVE.

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 HKIT Security Solutions on 29th July 2019

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

M/s IBM India Private Limited

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

   IBM India Pvt. Ltd
   No.12, Subramanya Arcade, Bannerghatta Road,
   Bangalore, Karnataka - 560029, India

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.) - Yes

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

   Govt. : *0*
   PSU : *0*
   Private : *3**
   * We have some more projects, as we are under NDA, we cannot furnish at this moment
   Total Nos. of Information Security Audits done : 15+

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 : **4**
   Wireless security audit : **1**
   Compliance audits (ISO 27001, PCI, etc.) : **0**

6. Technical manpower deployed for informationsecurity audits:

   CISSPs : *6*
   BS7799 / ISO27001 LAs : **6**
   CISAs : *0*
   DISAs / ISAs : *0*
   Any other information security qualification : *350+*
   Total Nos. of Technical Personnel : India 500+ and Global 8000+

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	Mreetyunjaya Daas	3 Years 9 Months	10 + Years	CEH
2	DevdattaMulgund	1 Year 10 Months	7+ Years	CISSP
3	Ravindra Singh Rathore	1 Year 8 Months	5+ Years	CEH
4	SanketBhogale	1 Year 9 Months	10+ Years	CISSP
5	Ankit Tripathi	1 Year 8 Months	4+ Years	
6	Mohit Jain	4 Months	10 + Years	1. CEH 2. ISO 27001-2013 3. ECSA
7	Saurabh Kumar	1 Year 8 Months	5+ Years	CEH

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

Vulnerability Management for one of the largest Telco Network Operator in India

Project:

Vulnerability management for one of the largest Telco network operator (Client) in India with approximately 160 million customers.IBM as an IT security service provider manages the security Assessment and Vulnerability management lifecycle for Client Applications and Network infrastructure components.

Service Offerings:

1. External Penetration Testing: 150 IP's, Frequency: Half Yearly
2. Internal Penetration Testing: 1500 IP's, Frequency: Half Yearly
3. Application Penetration Testing : 48 URL's, Frequency: Half Yearly
4. Internal Vulnerability Assessment: 11000 IP's, Frequency: Half Yearly

Key Activities:

1. Perform bi-annual Application Security Assessment on all client applications
2. Perform application security assessment of new applications before production deployment
3. Perform Network Penetration testing and Vulnerability assessment of defined network assets
4. Track and govern the closure of issues within defined timeframe. Guide the development and network team for closure

Highlights:

1. Project team performed review of current set-up and validated the scope for Security Assessment activities. It included Applications and network infrastructure assets
2. Defined the periodicity or recurring activities and scope of non-periodic ad-hoc activities
3. Performed security assessment of applications and network assets in scope.
4. Delivered the report to relevant recipients including development team and client security team
5. Document and track the status of issues. Govern the application team for closure of issues in defined timeframe. Conducted meetings and knowledge transfer sessions with development team to guide them for issue closure
6. Re-test the closure of issues and certify them for go ahead

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

Freeware	:	14
Commercial	:	4
Proprietary	:	5
Total Nos. of Audit Tools	:	23

Freeware:
1. Metasploit: Penetration Testing Framework
2. NMAP : Port scanner
3. RAT : Router and firewall benchmarking
4. Wireshark - Protocol analyzer
5. MBSA : Windows security assessment
6. Nikto : Web Applications security
7. SNMPWalk : Router and network management
8. CAIN &Able : Traffic sniffing and Password cracking
9. Brutus : Password cracking
10. JohntheRipper : Password cracking
11. W3AF: Application auditing framework
12. Maltego: Intelligence and forensics application.
13. Unicornscan: Port Scanner and Information gathering.
14. Aircrack

Commercial:
1. Nessus : Network Vulnerability Assessment
2. IBM Appscan : Web Systems & Applications security
3. BurpsuiteProfessional : Web Systems & Applications security
4. Nipper Studio : Network Device Configuration Review

Proprietary Tools:
1. Windows server Security assessment scripts
2. Unix/Linux/AIX server security assessment scripts
3. Oracle security assessment scripts
4. MSSQL security assessment scripts
5. ASP and Java Scripts : Web application assessment

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

    IBM Corporate Office Address: IBM Corporation, 1 New Orchard Road, Armonk, New York 10504-1722, United States

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

    IBM Corporate Office Address: IBM Corporation, 1 New Orchard Road, Armonk, New York 10504-1722, United States

*Information as provided by **IBM India Pvt. Ltd** on 2-August-2019

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

M/s ProgIST Solutions LLP

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

    M/s ProgIST Solutions LLP,
     102, B3 Wing, Rosa Gardenia, Kasarvadavli, Ghodbunder Road,
    Behind HyperCity, Thane – West, 400615

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

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

    - Network security audit
    - Web-application security audit
    - Wireless security audit
    - Compliance audits (ISO 27001, PCI, etc.)
    - Information security policy revi=ew and assessment against best security practices
    - Information Security Testing
    - Process Security Testing
    - Internet Technology Security Testing
    - Communications Security Testing
    - Application security testing
    - Wireless Security Testing
    - Physical Access Controls & Security Testing
    - Network Security Testing
    - Software Vulnerability Assessment
    - Penetration Testing

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

Govt.	:	*0*
PSU	:	*0*
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	:	**4+**
Web-application security audit	:	**50+**
Wireless security audit	:	**1**
Compliance audits (ISO 27001, PCI, etc.)	:	**3**

6. Technical manpower deployed for informationsecurity audits :

CISSPs	:	*1*
BS7799 / ISO27001 LAs	:	*3*
CISAs	:	*1*
Any other information security qualification:		
CEH	:	*8*
CISE	:	
CHFI	:	*1*
CIPR	:	*1*
C-CTIA	:	*2*
C-ATPA	:	*2*
ECSA	:	*1*
<mark>Total Nos. of Technical Personnel</mark>	:	*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
	Ashlesha Bhagat	Dec 2017	3.2 years	CCNA, Certified Cyber Threat Intelligence Analyst, Certified APT Analyst
	Suman Sinha	July 2018	2.5 years	CEH, CND
	BinalKathiriya	Feb 2017	1.6 years	CEH, CND
	Deepak Bhatt	Sept 2017	1.10 years	CEH
	Suraj Mulik	Sept 2017	7.5 years	CISE
	Jagdish Sahu	Sept 2018	6 years	CISP, ISMS – Lead Implementer Professional
	BharadwajaMaringanti	Feb 2018	6+ years	CEH, CCNA
	Gurpreet Sandhu	Jun 2018	3+ years	CHFI, CIPR, CEH
	Chaithanya Rao	May 2017	11+ years	CEH, CISSP
	Bhavin Bhansali	July 2017	21 years	CISA
	Mohit Kalmetar	Sept 2017	3.5 years	CISEH, BSI PCI DSS Implementation Training
	SadichhaSapkal	July 2017	6.5 years	Certified Cyber Threat Intelligence Analyst, Certified APT Analyst.
	Savio Fernandes	Oct 2017	10.8 years	ECSA, CEH
	Ronak Bhojani	Jan 2018	1.5 years	CEH, CISC, CPFA
	SiddheshRane	July 2018	0.5+ years	ISMS Lead Auditor

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

Project	Volume	Complexity	Location	Project Value
Banking Application	Core Channel Banking	Critical internet facing application	Mumbai	XX,XX,XXX
DDOS Simulation Drill	1 GBPS	Critical network	Mumbai	XX,XX,XXX
HR portal VAPT review	6 roles and 20 modules	Critical HR application	Mumbai	X,XX,XXX
Vendor Risk assessment	50	Critical vendors servicing customer data	India	XX,XX,XXX

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

NMAP, BURSUITE, NESSUS, RAPID7 NEXPOSE, METASPLOIT, SQLMAP, KALI LINUX, SIFT WORKSTATTION, ENCASE, FTK, W3AF, ACUNETIX, NETSPARKER, WIRESHARK, RAINBOW TABLES, AIRCRACK-NG, NETCAT, SCUBA DB VA SCANNER, ELK, ONAPSIS, REDLINE, IDA, SNORT, CAIN & ABLE, ZAP, TCPDUMP, CANVAS, SET KIT, SQLNINJA, BeEF, SYSINTERNALS, OPENVAS, NAGIOS, ETTERCAP, MALTEGO.

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 **ProgIST Solutions LLP** on **06/August/2019**

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M/s XYSec Labs Private Limited

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

   **Xysec Labs Private Limited (Appknox),
   Location - Bangalore, India**

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   :   (N)
   - Compliance audits (ISO 27001, PCI, etc.)   :   (N)

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

Govt.	:	**10**
PSU	:	**45**
Private	:	**320**
Total Nos. of Information Security Audits done	:	260

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

Network security audit	:	**NA**
Web-application security audit	:	**80**
Wireless security audit	:	**NA**
Compliance audits (ISO 27001, PCI, etc.)	:	**NA**

6. Technical manpower deployed for information security audits :

CISSPs	:	**2**
BS7799 / ISO27001 LAs	:	0
CISAs	:	**2**
DISAs / ISAs	:	0
Any other information security qualification	:	**-**
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) - **NOT APPLICABLE FOR US**.

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.
   Unilever Mobile Application Security Testing
   550 Mobile Applications VAPT.
   Project Value - 1.5 Crore INR.
   Location - Unilever Industries. Tower A. The Business Precinct. Prestige Shantiniketan, Bangalore, India.

9. List of Information Security Audit Tools used (commercial/ freeware/proprietary): Appknox (proprietary), Burp Suite(commercial), Open-source Tools: nmap, radamsa, metasploit, ILspy, Dnspy, Frida

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

12. Whether organization is a subsidiary of any foreign based organization?   :   Yes
      If yes, give details
    Subsidiary of Singapore Registered company - Xysec Labs Pte Ltd. Complete Management Team sits and works out of Bangalore, India.

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

*Information as provided by Xysec Labs Private Limited on 29th July 2019

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