



IACC
Asia Bilateral Chamber for India-US Business
INDO-AMERICAN
CHAMBER OF COMMERCE

in association with



Arrka

presents

CONFERENCE ON CYBERSECURITY & DATA PRIVACY FOR SMEs

Date - 23rd August, 2018

Venue:

Walchand Hirachand Hall,
IMC Chamber of Commerce and Industry, Mumbai

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PRESIDENT'S MESSAGE:



There is a raging global debate on cyber security and data protection. Some of the countries have already put in place legislations for ensuring cyber security, which spell out punitive actions for those violating laws, while others are in the process of doing so. In India also, we are addressing these issues. Various state apparatuses like judiciary, legislative wing, executive and civil society are keenly involved in the discourse, which will help us to crystallize a sound and pragmatic legislation.

Data privacy and cyber security are important pillars of a democratic and “wired” society. Infringement of cyber law and a compromised privacy law can create distortions in democratic institutions. Businesses of all hues and sizes need protection from cybercrimes for their growth and consolidation. There were instances when hacking and siphoning of data have created innumerable difficulties to enterprises. Some of the worst victims of cyber law violations are small and medium enterprises including startups.

The idea behind IACC organizing the event on Cyber Security & Data Privacy for SMEs in Mumbai is to enlighten them about the need for implementing cyber security and data privacy measures within the enterprises and to create awareness about the types of cyber and data privacy crimes. Let me assure you that IACC will be in the vanguard to spread awareness of the cyber laws and in motivating India Inc to take adequate measures for implementing them in their enterprises.

I wish the event very best.

Vasant Subramanyan
National President, IACC

AGENDA

CONFERENCE ON CYBER SECURITY & DATA PRIVACY FOR SMEs **Thursday, 23rd August 2018: IMC Chamber of Commerce and Industry,** **Walchand Hirachand Hall (4th Floor), Churchgate, Mumbai**

0930 – 1000 hrs	Registration
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1000 – 1100 hrs	Inaugural
Welcome Remarks & Theme address	Ms. Rajyalakshmi Rao Executive Vice President, IACC
Guest of Honour	Mr. Alok Mishra CISO, Dept. of IT, Govt. of Maharashtra
Guest of Honour	Mr. Christopher G Grossman Chief, Political & Economic Affairs US Consulate, Mumbai
Concluding Remarks	Mr. Arvind Sinha Co-Chairman, IACC Textile Forum

1100 – 1130 hrs	Tea & Coffee Break
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1130 – 1230 hrs	Panel Discussion I: Overview on Cyber Security & Data Privacy for SMEs
Overview about Cyber Security & Data Privacy	Mr. Kaustubh Deshpande Head – Technology Lexis Nexis Risk Solutions
Need of Cyber Security in SMEs	
Business Continuity & Data Recovery	Mr Sunil Bakshi Consultant, IT Governance & Security
Moderator	Mr. Ankit Desai Principal Consultant & Head Cyber Security, Arrka Consulting

1230 – 1330 hrs	Panel Discussion II: Cyber Security, Data Privacy, Crime & Frauds
Types of Cyber Crime	Mr. Amit Pandit Chairman – IT & Risk Committee, Saraswat Bank
Frauds in Digital Era	
Data Privacy & Prevention	Mr. Ashish Bajaj CTO, DSP BlackRock Mr. Satya Rane Senior Vice President, R & D Control Case International Pvt Ltd.
Moderator	Mr. Devendra Gupta Principal Consultant, Arrka Consulting

1330 – 1430 Hrs	Networking Lunch Break
1430 – 1530 Hrs	Session III: Real time cases related to Cyber Threats & Incidents
Discussion on Real time cases related to Cyber Threats and Incidents	Mr. C B Inamdar Ex- DGM VSNL Mr. Sameer Anja Co-Founder & COO, Arrka Consulting
Personal Data Protection Bill	Ms. Shivangi Nadkarni Co-Founder & CEO, Arrka Consulting
Moderator	Mr. Ankit Desai Principal Consultant & Head Cyber Security, Arrka Consulting
1530 – 1600 Hrs	Tea & Coffee Break
1600 – 1700 Hrs	Session IV: Solutions & Best Practices in Cyber Security to address challenges faced by SMEs
	Fire-Side Session: Ms. Shivangi Nadkarni Co-Founder & CEO, Arrka Consulting Mr. Sameer Anja Co-Founder & COO, Arrka Consulting
1700 Hrs	Close of Program

NOTE BY KNOWLEDGE PARTNER

Conference on Cyber Security and Data Privacy for SMEs

The issue of Cyber Security is playing out every day in businesses small and large all over the world and especially India. In fact, it is the small to medium enterprise who are potentially most at risk, as even a small mistake like clicking on a link in an email that a staff member thinks is from a colleague but isn't, can have severe financial implications. This is compounded by the fact that this also has an impact on data privacy and the many regulatory changes have ensured that enterprises large or small are put on a level playing field and have to take cognizance of their responsibility towards data privacy because the cost of ignorance can have business ending consequences.

The types of cyber and data privacy crimes are myriad and there is no dearth of such crimes and frauds occurring. Be it Phishing, Spamming, Denial of Service attacks, everyone has been or will be a victim. What are some of the best practices that can safeguard you to withstand such an incident occurring? Does it entail just buying a product and implementation or does it require more? Will having a Chief Information Security Officer solve it all?

The CISO Factor

For the un-initiated, CISO is Chief Information Security Officer. Information Security is now hyped as Cyber Security, and will soon become IOT Security, Cloud Security etc. The risk is real though and help is needed to identify and setup the Security function.

What can the CEO / COO/ CFO/ Owner of the company do to manage the risk? At times, the four roles are played by the same person and at times, the roles are shared among the founders/ owners. This is moot. More critical is for the roles to have the necessary knowledge to identify a CISO and help him/ her move into the role.

How does this work? This works in the regular bonding manner – relationships, norming, forming, bonding. There is however, a very key difference between this role and other management roles. The CISO role is always a DOTTED LINE ROLE. What this means is that the CISO does not have people reporting to him/ her, however, is accountable for any leak in security that happens across the organization. The obvious reaction when such a breach happens is “We spent so much, hired such a high profile / high skilled/ high and we still got breached! Now my CISO says that we need 4 weeks to investigate. Really, Come on...” and so on. This is a typical reaction; this is not to say that this is the right approach. Its fair that Owners and Management feel this way. The point here is that the feeling needs to come right at the start when you look to hire the CISO. These questions should be asked at that time and seek the various answers that are there. Only when you are prepared, you can get to the next level.

Finding what we want as owners is always tough. We need to think about money, priorities, threats to business, cash flow etc. This is where a fast-emerging model is the outsourced CISO. Great, so now I don't need to have a headcount, and dump everything on the outsourced person/ company (yes, both models are available) however, DO THINK AGAIN. Have you really gotten the answers you are seeking? Not really, NO – you don't have the answers. So what then should you as Owners/Decision Makers be doing?

There are various actions that can be taken:

- Identify and Define your strategy towards Digital. Yes, you need to know what is our strategy in going digital? Digital is a huge transformation and the journey is likely a 2 – 3 year one. You need to build strategy for the Digital Transformation with Security built into the design. Going Digital is the need, not a luxury contemplation anymore.
- Set your expectations. Security is not absolute. You cannot be ever sure that you will spend X amount OR spend 200X and you would be secure. You need a plan to detect and act on potential/ visible threats. Like a response plan.
- Build measurement metrics. Use KPIs and build a story. E.g. After implementing X solution, is my threat detection time reduced by 30% / 50%/ 80%? You need to know this and accordingly put process around this.
- Breathe and live Security Governance. Enabling Governance as a company is one of the hardest to do. The general thought process is that this will slow down the company. The argument here might be that you are small, SMB, startup and agility is your key differentiating factor. However, please do not confuse agile with no-process-required. Process and controls can be put in to make the company more flexible and agile and need not slow down the growth. Used correctly, it can enhance the growth. You can have, if you so choose, 200 pages of security policies and then another 800 pages of security procedures. These don't work. This can be enabled via workflows and have very tight policies and procedures – the minimum required to govern. And this is something you should demand from whoever is helping you with setting up governance.
- Use Open source technologies. There is everything available with very low cost of commercials and also freeware. Embrace this and use it wisely. Open source is now becoming more and more structured and much more user friendly.
- Check that your security officer (either in-sourced OR out-sourced) and the company to whom you outsourced to has worked with Enterprises and Startups/ SMB. It is important that they understand the difference and also appreciate this.

SPEAKER PROFILES

CONFERENCE ON CYBER SECURITY & DATA PRIVACY FOR SMEs

Inaugural Session: 1000 – 1100 hrs



Ms. Rajyalakshmi Rao

Executive Vice President, IACC

Ms. Rajyalakshmi Rao holds a degree in MBA Marketing and MS (Advertising) from the University of Illinois, Urbana Champaign, USA. She has served as a full-time member of the National Consumer Disputes Redressal Commission, Government of India. She is the author of two books on consumer movement - Consumer Is King and Consumer Rights and You. She has also served as a member of the Reserve Bank of India (RBI) Committee on Customer Service in Banks. She has been a member of the Film Censor Board and the First Lady President of the American Alumni Association in Mumbai.

Currently she is the Executive Vice President of Indo American Chamber of Commerce. She has also been the First Lady President of Indo American Chamber of Commerce (Western India Region). Presently, she is an Advisory member of Insurance Advisory Committee of Insurance Regulatory and Development Authority of India, Hyderabad. She is also a member of National Executive Council of Indo-American Chamber of Commerce. She is the Founder Chairperson of All India Foundation of Deaf Women. She also serves as a member of Advisory Board of Council for Fair Business Practices. She is a member of Consumer Education and Research Society, Ahmedabad. She is a member of Executive Committee of Indian Merchants Chamber (Ladies wing).



Mr. Alok Mishra

Chief Information Security Officer, Department of Information Technology, Government of Maharashtra

An IT and Cyber Security evangelist with 15 plus years of diversified leadership experience of strategizing, architecting and executing projects in IT , Information Security & Cloud

Have Held Positions like CISO, Program Manager, Senior Consultant and Adviser for very prestigious programs and Service delivery projects with proven leadership of large teams, complex programs and customer portfolios across IT, Telecom, E-Governance, ISO Audits and Other IT Security Standards

Working towards making Digital India Safe and Secure India.

Points of Special address

1. Cyber Security and Cloud
2. Cyber Security & Data Privacy
3. Implications for SMEs



Mr. Christopher G Grossman
Senior Consultant, Directorate of IT, Govt. of Maharashtra

Christopher Grossman is the Chief of Political and Economic Affairs at U.S. Consulate General Mumbai. He most recently served as a political officer at U.S. Embassy Moscow. Previously he served in Washington, D.C. as a special assistant in the State Department's Bureau of Intelligence and Research (INR) and as a watch officer in the Secretary of State's Operations Center.

His other overseas assignments include tours at Consulates General Dusseldorf, Germany and Lagos, Nigeria. Before joining the State Department, Mr. Grossman taught courses in American Federal Government and State and Local Government at Oklahoma State University-Oklahoma City. He holds two degrees in Political Science from the University of Oklahoma. Mr. Grossman was born in Tulsa, Oklahoma and grew up in Shawnee, Oklahoma.



Mr. Arvind Sinha
Co-Chairman, IACC Textile Forum

Arvind Sinha is B.Tech from Bhiwani and MMS from Bombay University have been involved with various industries in India and abroad for last thirty years. He has been very actively involved with World Bank and IMF for last many years for various projects and received many Appreciation and merit Certificates. He is also actively involved in promoting and implementing Food Safety Management System under USDA guidelines. He is currently Chief Advisor and CEO of Business Advisors Group which is a leading sourcing company for Relief Supplies globally and also the content creator and provider for critical studies and management issues. His study on human rights in jails, widely appreciated and heading for a Doctorate consideration by leading UK Management Institute. He has presented more than 350 papers so far in various leading conference all over the world and more than 11 subjects including Art History, Defense Forces, Critical Management, Disaster Management, effective Relief supplies etc. He is also deals in Camouflage Fabrics and very actively involved in developing and designing and procuring Camouflage Fabrics for various defense forces all over the world.

He is a member of The Academy of Political Science, New York, USA. He is currently Imm. Past President of Textile Association (India) which has 23000 members and 75 years old association. He is an Art and Antique collector and three of his records are listed in **Guinness World Record**.

1130 – 1230 hrs: Panel Discussion I: Overview on Cyber Security & Data Privacy & its importance from SME Perspective

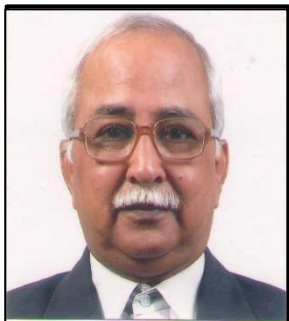


Mr. Kaustubh Deshpande

Head- Technology, Lexis Nexis Risk Solutions

Kaustubh Deshpande is Senior Director of Technology at LexisNexis Risk Solutions, with leadership responsibility for the technology department in India. Prior to joining LexisNexis he has acted as a technology and data leader in several multinational companies including Equifax, AT&T and Choice Point. Kaustubh also has experience dealing with a variety of B2B and B2C data sets across telecoms, insurance and other financial services in the US, GCC, Australia, UK and India.

Most recently he was responsible for leading data strategy at the Equifax Credit Bureau, leading the decision-making on use of alternate data, in addition to the usual credit data, to complement a consumer's credit profile. Last year he was invited to guide students at the School of Management at the Indian Institute of Technology (IIT), Mumbai to provide education on data and technology. Kaustubh holds a master's Degree in Computer Engineering from Wright State University and a Master's in Business Administration from Georgia State University in Atlanta.



Mr. Sunil Bakshi

Consultant, IT Governance & Security

MCA, CISA, CISM, CGEIT, CRISC, CISSP, PMP, CEH, AMIIB, ISO 27001 LA, BS25999 LI, ISO 27001 LA, ISO9001 LA.

He had worked with State Bank of India for 25 years in IT. He also worked as Manager in Enterprise Risk Services group of Deloitte Touché Tohmatsu India Private Limited, Mumbai and as Senior Manager in Wipro consulting services. Sunil was CISO of National Stock Exchange and as visiting faculty with National Institute of Bank Management (NIBM). Currently he is free-lance consultant and trainer in IT governance and Information Security.

Sunil is Senior Member of Computer Society of India is a Patron of Pune chapter. He was Chairman of Pune chapter. He is also member of ISACA and was president of Pune chapter. He was member of International Membership board of ISACA, USA and CISM and CRISC Committees and India Taskforce of ISACA. Currently he is part of QA team of CISA technical review manuals and runs column for @ISACA and 'Control Journal' of ISACA.

Sunil has written number of articles on Information Systems Security and Audit topics in various national and International publications like Information Systems Control Journal of ISACA, USA, CSI Communications of Computer Society of India, etc.

Sunil has presented various topics at many national and international conferences organized by ISACA, CSI, ICAI, NIBM and RBI.



Mr. Ankit Desai

Principal Consultant & Head, Cyber Security, Arrka Consulting

Ankit has over 13+ years of experience in a wide array of sectors like IT, ITeS, Education, Real Estate, Hospitality and has handled roles in Information Security, Compliance, Strategy & Expansion among others. He has worked with companies like TCS, ANPG and e Info chips. Ankit is a management post graduate from Indian Business Academy.

At Arrka he heads the Cybersecurity vertical and has worked in diverse geographies including India, SE Asia and Middle East delivering over 50+ Information Security and Cybersecurity engagements.

1230 – 1330 hrs: Panel Discussion II: Cyber Security, Data Privacy, Crime & Frauds



Mr. Amit Pandit

Chairman, IT & Risk Committee, Saraswat Bank

Amit is a CA by qualification and has over 23 years of professional experience. He has been advising and imparting training on various aspects of Finance, Governance & Risk. He has been on boards of companies and a bank as well. He has made presentations to Audit Committees/Top Managements of various companies (Listed/MNCs etc) and Banks on various audit issues.

He has held leadership positions in companies, mid-size CA firms and has hands on experience in Corporate Finance, Finance Management, Business Valuations, Business Process Consulting, Mergers & Acquisitions, Audit and Financial Investigations. He has conducted various management training programmes. Amit has worked with & advised many industries including Engineering, Auto Ancillaries, Real Estate, Telecom, Shipping, Banking & Financial Services, Capital Market, Insurance, Mutual Funds & varied other manufacturing entities during the last two decades.

He currently provides services for CFO advisory support and Risk advisory and also handhold companies to streamline their operations.

He was a partner with SGCO & Co LLP, CNK & Associates LLP., Chartered Accountants, Vice President of the Investment Banking & Consultancy Division in Darashaw & Co. Pvt. Ltd., was in the Strategic Management Group of GTL Ltd & was in the Investment Banking Division of Mafatlal Finance Co. Ltd



Mr. Ashish Bajaj
CTO, DSP Black Rock

Ashish Bajaj is Chief Technology Officer at DSP Investment Managers Put. Ltd., and is driving technology innovation to transform the company into a Digital Asset Management Company.

Prior to DSP, Ashish was Chief Technology Officer at Instarem, he transformed the entire technology landscape by building one of the world's fastest remittance platform helping remit money real-time across 70+ countries. He co-founded Candere.com an online precious jewelry ecommerce company, worked as Senior Vice President Products with Miles Software Solutions Private Limited and grew from a software developer to become Chief Executive Officer at Infoton Systems & Services Pvt Ltd, a technology product company.

Ashish has undergone a Senior Management Program at IIM Calcutta, and has done his graduation from Mumbai University.



Mr. Satya Rane
Senior Vice President, Control Case International Pvt Ltd

Satya Rane is the Senior Vice President at Control Case International Pvt. Ltd. Control Case is an IT GRC, managed compliance software and services company which enables companies and government agencies with efficient compliance solutions that are both consistent and repeatable for unrivalled value over the life of a regulation.

Satya is responsible for leading the group that focuses on content and platform research to develop the Compliance as a Service (CaaS) and certification platform. He has over 15 years of information security experience and has worked with large multinationals, global financial institutions and Fortune 500 companies in the space of information security compliance. He is a recognized subject matter expert in Payment Security, Cyber Security, Data Governance, Fraud Risk and Information Security Strategy. He has been speaker at conferences including ISACA and Banking security forums.

Prior to Control Case he held various leadership positions. He holds a post-graduate degree and has certifications such as CISSP and PCI SSC certifications like QSA, PA QSA etc.



Mr. Devendra Gupta

Principal Consultant, Arrka Consulting

Devendra Gupta is a cyber security evangelist with over 13 years of Information Security work experience. He is Principal Consultant at Arrka Consulting. He received his Bachelors in Computer Science & Engineering from RGPV, Bhopal and MS in Networking and Telecommunication from IIIT, Pune.

Prior to Arrka, Devendra was a Global Head of Risk Management and CISO at InstaReM. He was responsible for all key areas of risk management, information & cyber security including governance, strategy, incident & vulnerability management and security awareness. Prior to joining InstaReM, he was part of the Risk Management team at National Payments Corporation of India and Aviva, UK.

He has also worked with KPMG and Wipro Consulting where he was responsible for providing IT advisory services to varied industry sectors like Banking and Financial, IT & ITES, Telecommunication, Manufacturing, BPOs / KPOs and Pharmaceuticals.

He has also been awarded with Information security certifications such as ISO27001 LA, ISO22301 Lead Auditor and is also Certified Information Payment System Professional.

1430 – 1530 hrs: Panel Discussion III: Real time cases related to Cyber Threats & Incidents



Mr. C B Inamdar
Ex-DGM, VSNL

After serving approx. **40 years** OCS/VSNL/TCL retired on Superannuation in Nov 2016. He has enjoyed very good opportunity to work in the latest technologies all-along most of them were rather introduced in the country first time.

He has transformed himself from Morse Code to Mouse. HF Transmitters to EDP & Internet, PC to Tab to Smart phone. He has worked in the R&D Centre to design and develop microprocessor based Telecom Equipments, ISD/STD Pulse Generators, Earth Station Monitoring remotely etc.

He has worked in HF Communications / maintained HF Transmitters at Dighi Pune. He has pioneered the internet in Pune & Rest of Maharashtra. He has worked at Internet Pune Section for approx. 11 years – all types of routers, switches, servers, Oracle DBMS, Firewalls, websites, mail-server etc. etc. Right from the unpacking of these boxes, hardware installations as well as software configurations were performed.

He has designed & implemented Drill-down approach to License Compliance of TCL, its all subsidiaries, drafting of the main TCLs Compliance Certificates etc. till the Automation of the whole process. He has expertise in Information Security, network security & coordinated with the CSO-Team, External Third Party Auditors, CSO-Team for smooth conduction of the third party audit as per License Compliance to the DOT Security requirements of ILD/NLD/ISP Core networks. He has coordinated with CERT-In for few years to take remedial actions on the Alerts received from them over the network security threats. He was nominated as Cyber Security expert during CWG Games at Delhi to take care of network infrastructure of CWG. He has coordinated during recent VVIP visits abroad at Kuala Lumpur, Moscow, Tashkent, Ashgabat, Brussels, Geneva & South Arica.

Special Achievement: Limca Book of Records – 2005: holding maximum number of Qualifications.

Hobby: Play five Musical Instruments: Banjo, Harmonium, Casio, Flute & Bansuri.



Mr. Sameer Anja

Co-Founder & CEO, Arrka Consulting

Sameer has over 18+ years of experience in the domains of Information Security, Risk and Compliance, IT Governance, IT Strategy, IT Service Management and Business Continuity Management. He has earlier worked with organizations like KPMG & Wipro and worked on a variety of engagements in the above areas.

Sameer is widely known in his circle for his work and his contributions to the field of Information Risk. He is active participant in various forums and has contributed to framing of standards & methodologies in multiple domains.

Sameer holds a B.Sc. (Statistics) from University of Bombay and has a Diploma from NIIT. He is also a CISSP, ISO27001 Lead Auditor & Implementor and a certified ISM from VeriSign.



Ms. Shivangi Nadkarni

Co-Founder & CEO, Arrka Consulting

Shivangi has over 20+ years of experience in the domains of Information Security & Risk Management, E-Commerce & Networking across multiple global geographies. She has earlier worked with organizations like Wipro & Sify handling a variety of roles and heading different Lines of Business. She was one of the first few employees at Sify and witnessed the genesis of the Internet revolution in India. She was also instrumental in setting up the first licensed Certifying Authority in India – in association with VeriSign.

She has worked with DSCI (The Data Security Council of India, a NASSCOM Body) to develop the DCP (DSCI Certified Privacy Professional) certification program and has authored the Privacy Book of Knowledge (PBoK) for DSCI for this program.

Shivangi is a regular speaker & guest writer at various forums in India. She is a BE (Hons.) Electrical & Electronics from BITS, Pilani and a PGDM from IIM, Calcutta. She is also a CISA, CIPT and DCP.

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We are the pioneering and largest provider of Compliance as a Service (CaaS) services and a leading provider of PCI DSS compliance services internationally.

You can visit our website www.controlcase.com

We provide solutions that address all aspects of IT-GRCM (Governance, Risk Management and Compliance Management).

ControlCase focuses on providing and developing services, software products, hardware appliances and managed solutions. Our solutions help organizations to manage Governance, Risk Management and Compliance related to IT operations. We provide solutions that help organizations address regulations and standards such as PCI DSS, ISO27001/2, Sarbanes Oxley (SOX), GLBA, HIPAA, CoBIT, BITS SIG/AUP, J-SOX, E13PA, TG3 etc.

PCI related Compliance Services are a focus of the company. ControlCase has PCI experience on all sides of the card business, including the acquiring as well as issuing sides. Additionally, ControlCase has exposure to all links in credit card process chain Member Card organizations like VISA/MasterCard, Member Banks, Third Party Processors (TPP), ISOs, DSEs, & IPSPs (Internet Payment Service Providers) and BPOs/KPOs etc.

We are a certified ASV vendor and a PCI DSS QSA and provide PA DSS and P2PE certifications.

Solutions That Work For Your Business

We enable large, medium and small sized companies, federal and state government agencies by providing managed compliance solutions that are consistent and repeatable for unrivaled value over the life of a regulation or standard. With the use of our software solutions, we can assist you in achieving compliance in less time and consistently year after year.

Apply deep industry knowledge to solve complex compliance & security challenges

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ControlCase professionals have years of practical and hands-on audit, compliance and risk management experience. Most of our employees have worked for Big4 audit companies and/or Fortune 500 firms. We leverage our experience serving various clients to provide comprehensive solutions to meet the objectives set forth in PCI, SOX, FISMA, and GLBA. Our approach has been proven repeatedly at large national and international organizations.

Making compliance manageable for your organization through Compliance as a Service (CaaS)

ControlCase, the global leader in Compliance as a Service (CaaS), has successfully assisted hundreds of clients worldwide in becoming compliant with various security standards and regulations in a cost effective and optimal manner. From PCI to SOX to GLBA, Control Case has assisted clients in meeting their compliance and security objectives in a timely and cost-effective manner.

Control Case has assisted clients with:

- PCI Compliance and Certification
- SOX Compliance
- GLBA Compliance
- HIPAA Compliance
- FISMA Compliance
- ISO 27001/2 Assessments
- COBIT based compliance
- Compliance as a Service – CaaS
- Safe Harbor Compliance
- Vendor Risk Management and On-site Assessments
- BITS SIG/AUP Assessments
- TG3 Assessments
- EI3PA Assessments
- Network Security and Vulnerability Assessments
- Penetration Testing
- Web and PA-DSS Application Security Assessments
- Wireless and Communications Security Assessments
- Process, Policy and Procedure Review and Development

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IoT India-2018: Transforming India's IoT Ecosystem

IoT revolution is expected to increase productivity and stakeholder value profoundly. To stay competitive, manufacturers need to partner with manufacturing automation vendors and systems integrators that provide solutions to upgrade factories or build new systems from scratch. IoT India 2018 aims to bring fresh insights from real-world experiences and dive deep into the ongoing issues that call for industry-wide efforts and collaboration; while also stirring its audience towards the adoption of IoT in Manufacturing.

To stay competitive, manufacturers need to partner with manufacturing automation vendors and systems integrators that provide solutions to upgrade factories or build new systems from scratch. IoT India 2018 will be the sole platform focusing on bridging the gap between Manufacturing units and their Digitalization. Irrespective of one being a Start-up, SME or large MNC. At IoT India, they will get to engage with targeted prospects to achieve respective business goals.

Whether you are a Start-up, SME or MNC, you will get to engage with many different prospects to achieve your goals.

About Xelerate India 2018

Driven by factors such as massive funding, evolving technology and a burgeoning domestic market, the Start-up up Ecosystem in India has seen a momentous growth. India has become the world's 3rd largest Start-up nation and a key market for innovative ideas and a forefront for technology, products, and services. To foster and bolster the potential of Indian Start-up ecosystem, it requires industry veterans to actively engage and work closely with start-ups through the journey of their development by providing mentorship, business advisory, access to market and funds. Xelerate India 2018 is a platform for start-ups, corporate, government and support service providers to collaborate and advance innovation.

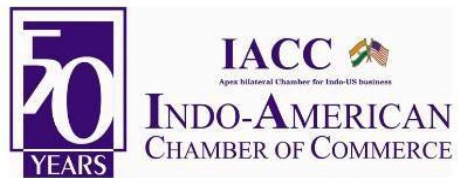
As more and more start-ups attack the needs of heavy industry by developing sensors, cloud platforms, networking infrastructure, as well as machine learning software; Xelerate India aims to provide impetus to the mushrooming growth of such start-ups within the Manufacturing sector.

IoT & Xelerate India 2018 Expo will showcase product & services from the following sector:

- Cyber Security
- Data Analytics
- Industrial IoT
- Design Application
- Robotics
- Support System

To know more please contact:

pinak.gupta@singex.com | +91 9910112272



The Indo-American Chamber of Commerce (IACC), established in 1968, is the apex bi-lateral Chamber synergizing India-US Economic Engagement. It was started by Ambassador Chester Bowles along with the then Industry leaders and visionaries like Mr. S L Kirloskar, Mr. Harish Mahindra, Mr. H. P. Nanda, Mr. Ambalal Kilachand, Mr. A. M. M. Arunachalam, Mr. Frederick Fales and Mr. John Oris Sims for enhancing US India Economic Engagement. Today IACC has pan India presence with 2400 members, representing cross section of US and Indian Industry.

The major objective of IACC is to promote Indo-American business, trade and economic relations. IACC promotes bilateral trade, investment and technology transfer, facilitates business collaborations, joint ventures, marketing tie-ups and strategic alliances through a set of proactive business-oriented initiatives.

IACC acts as a catalyst for sustainable growth of business between India and the US. In its four decades of existence, IACC has established operational connectivity with a host of business, research and developmental institutions in India and US in order to leverage each other's capabilities for enhancing Indo-US business relations. The Chamber continuously interacts with the Indian and US Governments, and provides them feedback on bilateral issues relating to trade and investment. In essence, IACC also acts as a forum for its member companies to interact with senior functionaries of both the Governments.

IACC member companies are involved in a cross-section of business domains such as manufacturing, engineering, construction, consumer goods, electronics, IT, pharmaceuticals, consulting, travel and tourism, etc.

The geographical spread of IACC is unique as it operates through 10 offices located throughout the country. These are in Mumbai, Kolkata, Delhi, Chennai, Ahmedabad, Bangalore, Cochin, Hyderabad, Pune & Varanasi.



Established in 2012, Arrka has worked with multiple clients across India and the Middle East, helping them address their Information Risk challenges. Founded by professionals with expertise and experience across different sectors and domains, Arrka has carved a niche for itself since its inception by keeping a sharp focus on addressing its clients' needs.

Cyber Security

We offer a range of Advisory & Consulting services, Assessments, Compliance Management & Testing services to both organizations.

We help implement ISMS frameworks like ISO 27001 and help manage them on a continual basis.

Our specialized solutions include:

1. A service designed especially for SMEs
2. Cyber Ninja™ an awareness solution for end-users.

Data Privacy

We offer Advisory and Consulting Services in this very niche domain and being one of the few players with this expertise in India. We help implement end-to-end privacy programs for organizations as well as offer specific services like policy design, privacy testing, PI mapping, etc. Our dedicated privacy assessment centre does privacy testing of mobile applications, web based applications etc. We do privacy training as well and are the first and only DSCI accredited training provider for Privacy in India.

Conference Proceedings on Cyber Security & Data Privacy for SMEs
23rd August, 2018, IMC Churchgate, Mumbai

Inaugural:



(From L to R): Mr Alok Mishra, CISO, Department of Information Technology, Govt. of Maharashtra; **Ms Rajyalakshmi Rao**, EVP, IACC; **Mr Christopher Grossman**, Chief, Political & Economic Affairs, US Consulate, Mumbai; **Mr Arvind Sinha**, Co-Chairman, IACC Textile Forum; **Mr Satyanarayan Rath**, Dy. Director, IACC

Ms Rajyalakshmi Rao, EVP, IACC:

The Cyber Security is playing out to be one of the most important areas of concern in India's context of doing business. Everyone is a stakeholder in this discourse -from nation to man in the street.

With rapid advancements in digital technologies and large scale adoption of digital services like social, mobile, web based services, cloud and analytics, the ecosystem surrounding business enterprises have improved considerably. But that also unfolded many challenges, particularly relating to data protection, which is key to the business survival and success. I am indeed happy that IACC could take some concrete steps to build awareness on the subject. The knowledge partner for the conference is Arrka Consulting. We would like to thank our entire associated partner's in supporting us towards organizing this conference.

Mr Alok Mishra, CISO, Dept. of IT, Govt. of Maharashtra:

Mr Alok Mishra emphasized that there is a need of creating more awareness among the small scale industries regarding harmful effect of cyber threat. The types of cyber and data privacy crimes are myriad and there is no dearth of such crimes and frauds occurring. Be it Phishing, Spamming, Denial of Service attacks; everyone has been or will be a victim.

Mr Mishra said, we will be happy to associate with IACC in conducting more awareness sessions so that industries can take maximum advantage out of it.

Mr Christopher G Grossman, Chief, Political & Economic Affairs, US Consulate Mumbai:

Cyber security is a common good. US-India can be beneficial in solving cyber issues occurring in real time business environment.

Cooperation on cyber issues is a key component of the bilateral relationship between US and India. The two countries have a strategic cyber relationship for institutionalizing broad-based cooperation on cyber issues.

Mr Arvind Sinha, Co-Chairman, IACC Textile Forum:

With the increasing use of digital technologies such as the cloud, big data, mobile, IoT and artificial intelligence in ever more areas of business and society and the growing connectivity of everything come greater challenges on the level of security, compliance and data protection and regulations such as the GDPR that want to make sure organizations effectively tackle them.

Social networking websites such as Facebook, Twitter, Myspace, Google+, and LinkedIn are the popular social sites. Facebook is most popular social networking site. Social sites are most common platform to communicate with their other friends, family and share thoughts, photos, videos and lots of information. Social networking websites have become platforms for cybercriminals for cybercrime. So addressing this topic is the need of hour.

I would like to thank IACC for giving me this opportunity.

Session I: Overview on Cyber Security & Data Privacy from SME Perspective



Panelists: Mr Kaustubh Deshpande, CEO, LexisNexis Solutions; Mr Sunil Bakshi, Sr. Consultant, IT Governance & Security

- Organizations big and small need to comply with the law of the land. Compliance to ISO 27001 is a basic requirement for any organization using information processing systems.
- Everything of value needs security, be it to guard against physical theft or digital theft.
- SMEs need to come together and use shared resources to achieve the same level of security as large bizs'.
- Challenges are plenty in case of Small scale organizations in having a proper cyber security framework.
- Security is not about whether you are small or big company. It is about managing costs for security.
- If you want to secure your assets, you must first secure your people first.
- The impact of cybersecurity can be huge on SMEs too, though the number may not be comparable to the high profile incidents, the impact can be high enough that the organization might not be able to survive that.
- SMEs are hit with cyber threats just as frequently as Enterprises, they need to wake up to the need of a cybersecurity framework. They don't need to do it all by themselves, there are organizations that specialize in these services, e.g. Arrka

Session 2: Cyber Security Incidents, Threats & Frauds



(From L to R): Mr Amit Pandit, Chairman, Risk & IT, Saraswat Bank, Mr Ashish Bajaj, CTO, DSP Black Rock, Mr. Satya Rane, Sr. VP, R & D, Control Case International Pvt Ltd; Mr Devendra Gupta, Principal Consultant, Arrka Consulting

Panelists: Mr Amit Pandit, Chairman, Risk & IT, Saraswat Bank, Mr Ashish Bajaj, CTO, DSP Black Rock, Mr. Satya Rane, Sr. VP, R & D, Control Case International Pvt Ltd:

- The uncertain economic times of the past few years have had a major effect on how companies operate these days. Companies that used to operate smoothly with the help of forecasts and projections now refrain from making business judgements that are set in stone. Now, companies have a renewed focus on how to manage risk.
- SMEs are slowly waking up but still taking reactive approach in dealing with cyber threats.
- Cybercrime has become a national security threat. Our challenge is to redesign our digital world with security in mind. That's going to take everything we've got because the vulnerabilities are quite literally everywhere.
- The problem is not about following policies because more often than not the policies themselves don't exist. Document the policies and live them, don't just laminate.

- Allocation of budget is dependent on what company wants to protect. Identify what to protect in the business, identify liability.
- Technology is the main source of driving successful business today. Classic example Ola, Uber etc. Stricter norms and regulations are also considered as important source of driving successful business today.
- Next Gen technologies are playing important role in protecting the systems. Security in technology in India is not by design but need to be forced. Security is seen as overhead cost.
- SMEs don't really take cognizance of their contractual obligations on security.
- SMEs segment is much focused in terms compliance requirement.
- Access by end user across geographical locations one of the critical aspect of information security.
- As a CISO, you may need to dust off your security policies and ensure they are up-to-date for new regulations like GDPR and the Data Security and Breach Notification Act.
- First understand what is applicable from laws / regulations and contracts perspective; Then identify what is the current state of control environment; basis the identify gaps treat / tolerate / transfer / terminate the identified risks.

Session 3: Real Time Cases Related to Cyber Security & Frauds



(From Left to Right):

**Mr Sameer Anja, CEO & Co-Founder, Arrka Consulting; Mr C B Inamdar, EX-DGM, VSNL;
Mr Ankit Desai, Principal Consultant & Head, Cyber Security, Arrka Consulting**

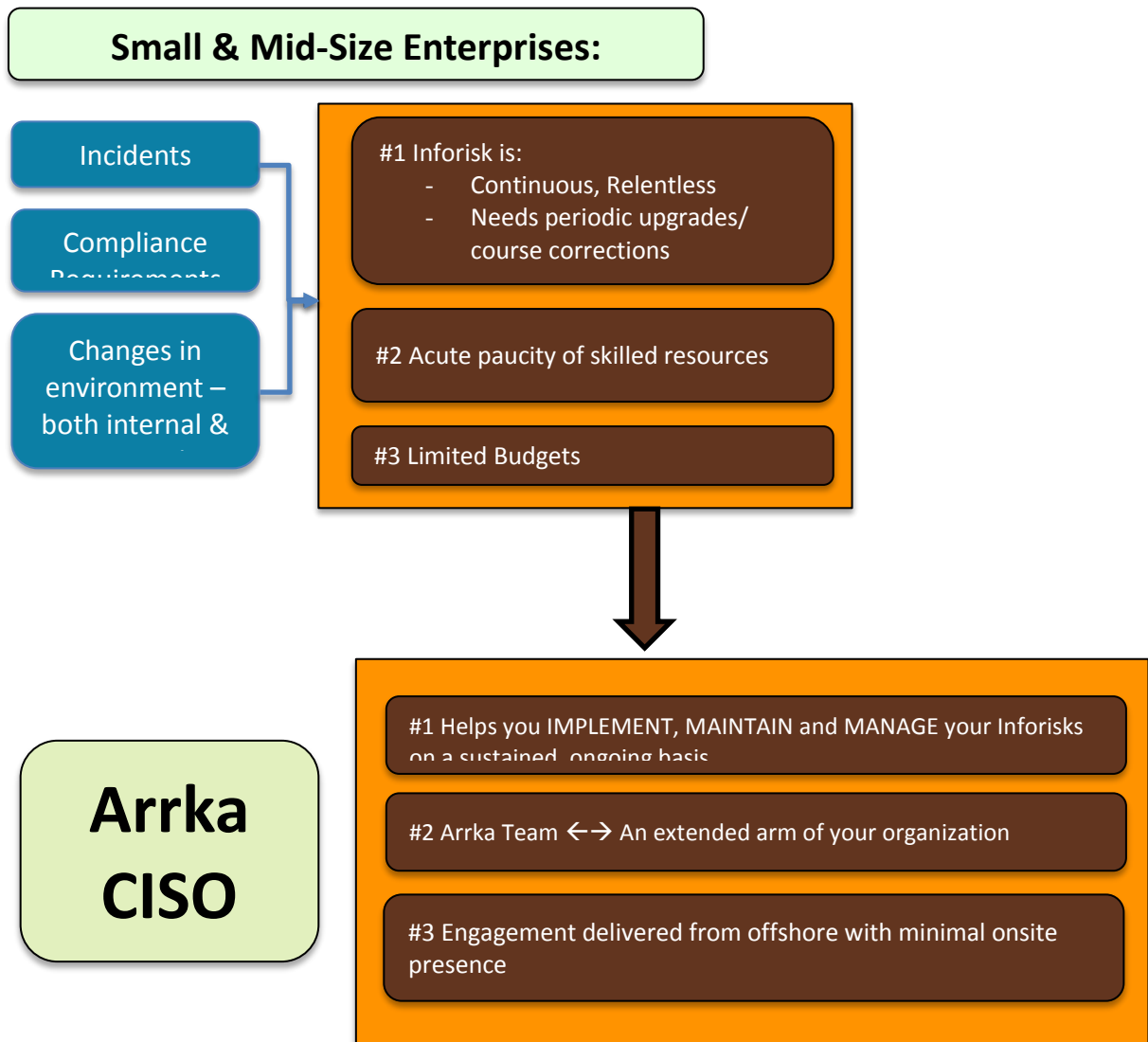
Panelists: Mr C B Inamdar, EX-DGM, VSNL, Mr Sameer Anja, CEO & Co-Founder, Arrka Consulting

- Mr Inamdar said there is a difference between cybercrime incidents and incidents being reported it takes lots of time to detect threat and see whether the client has adhered to proper compliance. Once they found out the threat and then possible solution is chalked out during that crucial time devices are completely isolated from the network, this helps restricting malicious activity in spreading further.
- 'About 52k incidents recorded by CERT-In in 2017'. Our advice to corporates would be, please be vigilant to every activity happening in the organization it can be related to financial transactions, internal employees movement, day to day operations of the business or any other essential element, detailing is the best way to mitigate with threats.
- For example in Cosmos bank fraud there were series of malicious financial transactions were carried out, immediately National Payments bank advised them to check out the transactions in response to that Cosmos bank has immediately stopped ATM transactions across branches & cities.
- Therefore, monitoring and keeping close watch in each transaction would help organization in mitigating cyber threats.
- The attack surface area has increased leading to higher probability of occurrence of incidents.
- In large scale organizations the volume or the size threats is easy to detect but in case of small scale organization detection of threats become tuff to understand. For example a virus attack can lead to a massive implication. So, to avoid threat there is a need to know basic application of using any device or following any network path.
- Awareness about various devices, its implications, various threats revolve around cyber space is the only way to mitigate with threats. Therefore, awareness precedes mitigation.
- To carry out this awareness among security experts, CISOs, IT Head requires the support of top management.
- The implication of cyber threat is more vulnerable in case of small scale organizations as the risk of financial losses is more in percentage as compared to large organization, therefore insurance companies takes extra measures in helping SMEs to cover up the losses.

Presentation by Ms. Shivangi Nadkarni, Co-Founder & CEO, Arrka Consulting

- Ms. Shivangi Nadkarni made a detailed presentation on the Privacy and upcoming Data Protection Bill.

Fireside Session: Ms. Shivangi Nadkarni, Co-Founder & CEO, Arrka Consulting, Mr Sameer Anja, CEO & Co-Founder, Arrka Consulting



DATA PRIVACY

Privacy Program Design and Set Up

Gap Assessments – for all applicable
Data Privacy Laws and Regulations

Privacy Policy & Notice Development

Privacy Org Structure

Privacy Program Design – based on a
Privacy Program Implementation
Framework

Privacy Testing

Mobile Apps

Websites

Privacy Program Implementation & On-Going Management

Personal Information (PI) Inventory
development

Privacy Program roll out based on
Privacy Program implementation
framework

Privacy Impact Assessments

End User Awareness – including e-
learning modules for awareness

Testing & Compliance Assessments

Privacy Program Management MIS &
Dashboards



4-5 December 2018
THE ASHOK, NEW DELHI, INDIA

Time to embrace Smart Manufacturing

Why is it so important ?

- Disrupts and re-arranges the classic known models of commerce and manufacturing.
- Impacts changes in systems, processes and actions towards business, commerce and manufacturing.

How relevant is it to India ?

- Indian producers and consumers are today global by nature and thus can not afford to remain a bystander.
- When systemic value of goods, technologies and trade undergoes change internationally - it is bound to affect all.

Source : Automation Industry Association

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