Are YOU at Risk?

Cyber Security & Information Security Management

Best Practices and Implementation

Cyber Crime is Real, It's not IF, Its WHEN you will be targeted.

Presented By

iDellsons

> **"Every minute,** we are seeing about **half a million attack** attempts that are happening in cyber space." (Strategist from a leading global security solutions firm)

JOIN US
NOV 19 2016

Pearl Continental Karachi

at **9:30 am**

Guest Speakers
Syed Irfan Ali – Executive Director - SBP
Mr. Sabah Zaman former CIO – SBP

Facilitators
1. **Mr. Nahil Mahmood—CEO - Delta Tech**
   Former CISO at MCB Bank Ltd.
2. **Mr. Attaullah Memon—Joint Director**
   State Bank of Pakistan (SBP)
3. **Mr. Aun Abbas—Deputy Director & Forensic Expert**
   Federal Investigation Agency (FIA)

By the end of the Workshop, participants will be able to:

- ✓ Understand how to develop highly effective strategies to counter organizational security threats.
- ✓ Understand the security paradigm from the regulatory perspective and how to best achieve regulatory compliance for Information Security.
- ✓ Develop highly effective project structure and strategy for successful Information Security implementation involving all key stakeholders.
- ✓ Apply the world's leading security hardening benchmarks & best-practices for rock-solid security.
- ✓ Attain understanding of SBP laws and regulations pertaining to Information security.
- ✓ Apply global information security standards to their organization and its critical assets.
- ✓ Become aware of Prevention of Electronic Crimes Act 2016 and its implications for financial Industry.
- ✓ Gain insight into digital forensics techniques and how ADC channels and IT systems are manipulated by attackers for financial fraud.
- ✓ How to best analyze, secure and present digital forensic evidence as per criminal law.
- ✓ Gain valuable knowledge of key case studies from regulatory perspective, successful ISO27001 implementation, IT infrastructure hardening of data center, cloud, virtualization & mobile, and case studies on actual digital forensics related incidents.
- ✓ Know how to win and keep winning in the security battle!

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* Exclusive of Tax

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Workshop Contents

This course provides winning strategies for successful implementation of Cybersecurity & Information Security. The course covers in-depth knowledge from three expert trainers with vast experience in Information Security implementation projects, regulatory audits for financial industry, as well as Cybersecurity laws, prosecution, and law enforcement. Participants will be able to take away from the course practical, real-world, and time-tested techniques to successfully fix security loopholes as well as compelling knowledge from the regulatory and digital forensic evidence perspectives.

1. Guest Speakers

2. Information Security Challenges & Regulatory Perspective
- Cyber Security fundamentals
- Challenges and how to overcome them
- Current posture of cyber security and target state

3. Successful Security Program Implementation
- How to implement a successful security program?
- Security lifecycle & Governance
- 8-step security implementation methodology

4. Security Hardening - International Best-Practices & Benchmarks:
- DISA security STIGs (Security Technical Implementation Guides) & CIS (Center for Information Security) Benchmarks
- Cloud Security Alliance (CSA) and Open Web Application Security Project (OWASP)
- Vulnerability management (VM) through NESSUS overview

5. Security Standards & Frameworks:
- ISO 27001: 2013 Information Security Management System – Overview and its advantages
- Other Information Security standards/frameworks (PCI, NIST, SANS)
- SBP laws and regulations regarding information security

6. Application of Prevention of Electronic Crime Act, 2016, on the Banking Industry
- Significance of PECA 2016.
- Felonies through Alternate Delivery Channels
- Scenarios invoking the criminal Law
- Banking: The Critical Information Infrastructure
- Financial embezzlement: inspect, detect, analyze and prevent

7. Digital Forensic Evidence in Bank Information Systems
- Is Electronic Information valid Evidence & Locating the Digital Evidence
- Securing and Analyzing Information Repository & Meta Data
- Forensic Analysis of Bank Information Systems & Forensic documentation
- Evidence Admissibility before the Court
- How to exhibit the Digital Evidence in Court?

8. Case Studies
a. Infrastructure Security Hardening
b. ISO27001 (ISMS) Implementation Project
c. Regulatory Case Study 1
d. Regulatory Case Study 2
e. Digital Forensics- Connecting the Dots- Case Study
f. Digital Forensics- The Court Evidence- Case Study

Who should attend this Workshop ?

CISOs, IT professionals, IT Heads, security professionals, auditors, digital forensics and financial auditors, internal / external auditors, risk professionals, compliance professionals, site administrators, general management and anyone tasked with managing and protecting the integrity of the IT infrastructure. This also includes anyone already familiar and involved with IT/cyber/digital security and seeking to build on their fundamental principles of security.

JOIN US on NOV 19 2016
Pearl Continental - Karachi at 9:30 am

For Registration Please contact:

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Facilitators Profile

Mr. Nahil Mahmood was awarded the (ISC2) Asia Pacific Information Security Leadership Achievement Award (ISLA) in July 2012 for his significant contribution to the field of Information Security in Pakistan. He has 20 years of experience in IT & Information Security in Pakistan.

Nahil is CEO of Delta Tech and has led security consulting and implementation projects as a principal consultant for financial institutions, telecoms, utility sector, government, armed forces, and industry players. He has held various Information Security leadership positions such as Founding President of Cloud Security Alliance (Pakistan), Chapter Leader of Open Web Application Security project (OWASP), and **he is currently Chairman of the newly formed Cyber Security Association Of Pakistan.**

Nahil was formerly the CISO (Chief Information Security Officer) at MCB Bank, and he has held senior positions at IBM Pakistan, Wateen Telecom, and World Call Telecom Group. He has trained hundreds of security professionals in Pakistan and abroad through his online network security courses. He also speaks frequently at local and International IT conferences, and is recognized as the best conference moderator in the country.

Nahil is recognized as a key figure in the Information Security community in Pakistan, and he has led a number of security hardening and ISO27001:2013 implementation projects for organizations of all sizes in Pakistan.

Mr. Attaullah Memon has more than 12 years of experience in **different multinational and national level organizations, out of** which his career at State Bank of Pakistan spans over a decade. Currently, he has been attached with the Internal Audit & Compliance Department as Unit Head (Joint Director). At SBP, he was engaged with the Banking Inspection Department for almost 9 years, during which he has conducted IS and Financial inspection of various banks. His major areas of expertise are Core Banking Solutions and their integration with third party applications, Internet and mobile banking applications and various other ADCs, review of design and implementation of bank's network, IT operations alignment with business operations, IS/ IT security issues, BPR, BCP, project management and implementation. **Mr. Memon** is one of the core team members to develop IS/ IT inspection manual at SBP for the inspection of banks/DFIs. His another area of special interest is branchless banking.

Mr. Memon has been instrumental in formulating various policies, circulars and guidelines of SBP. Currently he is also working on the development Enterprise wide IT framework/ guidelines for banks/ DFIs and project management framework for SBP.

Mr. Memon has delivered various lectures and presentation on various topics like Information Security, Internal controls, Regulatory Compliance, Risk Based Audit, AML etc. He has also moderated various panel discussions at various platforms including ITCN Asia. Besides holding a B.Sc (Hons) in Software Development from University of Huddersfield, UK, he holds various professional qualifications including CISA. **Mr. Memon** is also serving voluntarily as one of board of Directors of ISACA Karachi chapter.

Mr. Aun Abbas has over 15 years of Information Security related experience in public and private sector organizations. He started his professional career as a Network & Systems Programmer and developed a first ever Cross-platform application for Windows, Linux and Solaris environments, at a public sector organization. He is among the first team to assemble and fine-tune the SGI Super Computers in Pakistan. In year 2004, Mr. Aun Abbas became the first Head of Information Security Division at NESCOM, which he established in accordance with International standards. He also designed & deployed mission critical and hybrid computer networks linking 40-distant locations nationwide.

Mr. Aun joined FIA 9 years ago as a pioneer member of NR3C-FIA and played a key role in establishing the first ever Digital Forensic Laboratory in Pakistan. He is the author of around 450 Forensic Reports, majority of which led the case towards conviction of criminal elements. He has significantly contributed in the drafting of Prevention of Electronic Crime Act 2016.

Mr. Aun has designed and delivered a number of lectures and trainings for the officers of Judiciary, Prosecution, Police and Intelligence, on Law, Digital Evidence and technical investigation. **Mr. Aun Abbas**, has represented Pakistan at various international forums and participated in a number of investigations of national importance. Being a member of the elite Law Enforcement Agency, he plays a prominent role in countering Computer Emergency incidents in the country.

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