Information Security Implementation based on ISO 27001: 2013 & ISO 17799:2013

TRAINING COURSE OUTLINE

Program Overview

- Our one day practical and interactive course leads you through a series of exercises providing you the knowledge, skills and a framework for returning to your organization to manage your own information security implementation based in ISO 27001:2013 & ISO 17799:2013

- You will learn practical information risk management techniques that follow the advice and requirements of ISO 17799:2013 and ISO 27001:2013 for information security management.

- You will gain direct practical experience of the methodologies of risk assessment and risk management.

- You will also gain sufficient understanding to assess whether ISO 27001:2013 certification or compliance is appropriate to the needs of your organization.

Duration

1-day training

Learning Objectives

At the end of the training, participants are expected to:

- Information security concepts based on ISO 27001:2013 and ISO 17799:2013, Understanding the requirements of the international standards.

- How to implement information security risk management process, security policies and procedure development and implementation.

- Information Security Management System requirements based on ISO 27001:2013 and how to implement the requirements practically for Vietnamese organizations.

- Information security controls based on ISO 17799:2013 and how to implement the 114 controls recommended by the international standards. More practical approach to implement the security controls.

Target Audience

This is not a technical IT security course; it is about information security management. It is therefore suitable for managers from a wide range of disciplines in your organization like:

- Staff responsible for Information Security

- Information Security Management Representative
- Operations Manager
- IT Manager
- Information Security Internal Auditors

Program Structure and Outline

- Introduction to Information Security Management Systems (ISMS)
- Approaches to Information Security in your organization
- Overview of ISO 17799:2013 (ISO/IEC 27001:2013 part 1) and ISO/IEC 27001:2013
- ISO 27001:2013 Concepts
- Scope, Objectives and Benefits of an ISMS
- Developing an Information Security Management Policy
- Define Risk Management Process
- Asset Identification
- Risk Analysis Process
- Risk Evaluation
- Risk Treatment Planning
- Selection of Controls
- Developing an SoA
- Exercise 1: Developing Scope, Objectives for ISMS (ISMS Policy)
- Exercise 2: Performing an information risk assessment
- Overview on ISO 17799:2013 controls (114 Controls)
- Implementation of controls using the ISMS toolkit
- Document and record control requirements
- Management review requirements
- Internal Audit requirements
- Corrective and preventive actions
- Risk Management Methodologies
- Certification to ISO/IEC 27001:2013
- Policy and Documentation Guidance
- Exercise 3: Risk Treatment and Selection of Control
- Exercise 4: Preparing the Statement of Applicability
- Case Studies: Practical Applications; Keys to Success; Summary and References

Mr. PHO DUC GIANG
TRAINER PROFILE

Trainings and Conferences :: Managed Services :: Learning on Demand

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apex
GLOBAL
Learning for Excellence

PHILIPPINES :: MALAYSIA :: VIETNAM :: INDONESIA :: INDIA :: CHINA

Mr. Pho Duc Giang

Chief Security Officer - Senior Process Consultant

Professional Information

Pho Duc Giang has over 15 years of working experience in Information Security industry, specializing in security management system, payment card industry data security and project management, and both as a trainer, consultant and in management positions.

Work Eligibility

- BS 7799/ISO 27001 ISMS Consultant
- PCI DSS Consultant
- ISO 9001 Quality Management System – QMS Consultant
- ITIL/IT Service Management/CMM SVC Process Consultant
- Public and In-House Trainer on the above domains

Professional Experience

Technical Experience

Programming	• C/C++(MFC), C/C++(KDE): over 5 years of experience • .NET, PHP, Java, Javascript: over 5 years of experience • X86 assembly, Pascal, Delphi: over 4 years of experience • Shell scripting languages: over 4 years of experience
Network Management	• Core Cisco-based Switching & Routing design and administration: over 5 years of experience
Systems Management	• Red Hat Linux, Fedora Core, CentOS: over 8 years of experience • Mandrake, FreeBSD, Debian, Sun Solaris: over 2 years of experience • Windows Server: over 8 years of experience
Network & System Security Technologies	• Secure Communications (VPN Technologies & Cryptography): over 8 years of experience • Firewalls (Netfilter/iptables, pfSense, Checkpoint NGX, Cisco ASA 5500 Series); Intrusion Detection/Prevention Systems (Snort/Source Fire IPS, HP TippingPoint, McAfee IPS); Endpoint Protection (Trend, McAfee, Symantec, Sophos): over 8 years of

	experience
	• UNIX/Linux kernel security, Windows kernel security: over 8 years of experience
Application/Service Security Management	• IIS & Apache: over 7 years of experience
	• Mail & DNS: over 7 years of experience
Database Security Management Systems	• MS SQL Server, Oracle, MySQL: over 5 years of experience
Clustering/Load Balancing Technologies	• Over 5 years of experience
Storage Technologies	• Over 5 years of experience

Management Experience

- Project/strategy manager and technically responsible for several key systems and technologies
- Job interviews and applicant reviewing
- Coaching and technical assistance throughout the organizations, partners and customers

IT Standardization Experience

- Responsible for planning, implementing, maintaining, and auditing IT operations & security processes/procedures/guidelines
- Responsible for security frameworks, policies, programs, processes, business continuity planning, IT disaster recovery planning, risk assessment/treatment process/report management

Project Experiences

- **Strategy Manager**, Strategy Development & Implementation Committee, in DongA Bank Transformation Project, working closely with Boston Consulting Group (www.BCG.com).
- **Project Manager**, ISO 27001 – Information Security Management System (ISMS). The ISO 27001:2005 project with 8 departments involved took 15 months to complete.
- **Project Manager,** PCI-DSS – Payment Card Industry Data Security Standard. The project was implemented for DongA Bank.
- **Project Member,** Building 4-year IT Master Plan for DongA Bank, working closely with Ernst & Young Global (www.ey.com).

Working Experiences

Apr 2010 – now   Senior Process Consultant, ECCI Viet Nam (www.ecci.com.vn)

Sep 2016	**2010**	**–**	**Chief Security Officer,** DongA Bank (www.dongabank.com.vn)
July 2010	**2008**	**–**	**Technical Operations & Security Manager**, VietUnion Corporation (a member of Saigon Invest Group)
Dec 2008	**2007**	**–**	**IT Manager**, Wall Street Securities Company, Wall Street Group (www.wss.com.vn)
May 2007	**2005**	**–**	**Information Security Researcher**, College of Electronics and Information, Kyung Hee Univesity, Seoul, Korea (www.khu.ac.kr)
Sep 2005	**2002**	**–**	**Network Security Expert & Firewall Teamlead**, Bach Khoa Internetwork Security Center, Hanoi University of Technology, Vietnam (www.bkav.com.vn)

Key Achievements

Certifications and Accreditations

- Cisco Certified Network Associate (CCNA) of Cisco System, Inc. (**2005**).
- Japan Strengthening of CSIRT (Computer Security Incident Response Team) Certificate. The certificate indicates a foundation in and solid knowledge of establishing and managing a CSIRT group in enterprises (**2010**).
- ISO 27001:2005 Lead Auditor Certificate certified by IRCA & BSI Group (**2013**).
- ISO 9001:2008 Lead Auditor Certificate certified by IRCA & BSI Group (**2013**).
- CISSP Certified Information Systems Security Professional, ID #509917 (**2014**).

Scholarships

- Full annual scholarship for excellent students at Hanoi University of Technology, Vietnam in 2000, 2001, 2002 and 2003.
- KRF (Korea Research Foundation – www.krf.or.kr) scholarship for Master course at Computer Engineering Department, Kyung Hee University, Korea.
- AOTS (Japan Association for Overseas Technical Scholarship – www.aots.co.jp) scholarship for the Training Program on Information Security.

Honors and Awards

- Certificate of Merit from Hanoi University of Technology for excellent graduation grade, **2004**
- Certificate of Merit from **VietUnion Corp.** for excellent performance as a technical operations and security manager, **2009**
- Certificate of Merit from **VietUnion Corp.** for excellent performance as an ISO 27001 project manager, **2010**
- Certificate of Merit from **DongA Bank** for excellent performance as a CSO, **2011**
- Certificate of Merit of **CSO ASIAN Awards** in **2012**, endorsed by Ministry of Information and Communications, Ministry of Public Security, HCM City People's Committee, International Data Group (IDG Corp.), and Vietnam Computer Emergency Response Team (VNCERT).

Education

2005-2007   Master of Computer Engineering, Computer Engineering Department, Kyung Hee University, Seoul, Korea (top **7**th Korean Univ. Rankings, top **37**th Asian Univ. Rankings, top **252**nd World Univ. Rankings in 2014, www.topuniversities.com)

1999-2004   Bachelor of Science, School of Information & Communication Technology, Hanoi University of Technology, Vietnam. **Grade:** Excellent

1996-1999   Senior High School Diploma (12 years of education)

Training Topics

- ❖ ISMS Awareness Training
- ❖ ISO 27002 (BS 17799) Controls Training
- ❖ IT Risk Assessment Training
- ❖ ISMS Internal Audit Training
- ❖ PCI DSS Awareness Training
- ❖ PCI DSS Internal Audit Training
- ❖ QMS Awareness Training
- ❖ QMS Internal Audit Training
- ❖ IT & Software Project Management and Business Analysis Trainings
- ❖ ITIL, ITSM related Trainings
- ❖ Computer Science and Information Technology related Trainings.

Key Accounts in Vietnam

Project Consultant/Assistant Consultant for the following organizations:
- ❖ Public Training on ITIL, ITSM, ISMS, QMS
- ❖ Information Security Management Implementation for Sacombank, Techcombank, VPBank, SeAbank, Tân Hiệp Phát, VietUnion…
- ❖ PCI DSS Implementation for NAPAS (Banknet), Eclectics International, VietABank,…
- ❖ Public Training in Information Security Management System
- ❖ Development Lifecycle Processes

Special Skills

- ❖ Excellent training, teaching, project management, presentation and negotiation skill

- ❖ Intuition for understanding the how and why of system operations
- ❖ Ability to focus all concentration and energy on task at hand
- ❖ Great attention in details
- ❖ Excellent follow through and be able to handle multi-tasks
- ❖ Ability to quickly learn new languages and software applications
- ❖ Communication skills to guide others through their computer problems and obstacles
- ❖ Excellent critical thinking in computer programming