



## ISO/IEC 27001:2013 INFORMATION SECURITY MANAGEMENT SYSTEM (ISMS) Auditor/ Lead Auditor Training course (IRCA- AO17320)

A unique convergence of world events and business trends propelled security and compliance to the forefront of concern for business enterprises and other organizations worldwide. The ability to obtain, manipulate and protect information now determines the survivability of these enterprises.

Many organizations continue to suffer major security related losses though many investments like security policies development and security appliances deployment have been made to address the security concerns. So what went wrong? Does the enterprise know their information security risk posture?

Organizations today understand the importance of information technology in assisting business operations or bringing them to the next lap. More than 90% of businesses today apply IT in their operations. To be able to fully apply the proper use of Information combined with technology, Security Management is one important aspect which should not be ignored. Hence, the workforce or personnel involved are required to be equipped with the most up-to-date Security knowledge.

### The New ISMS Standard

#### 4 - 8 / 11 / 39 / 133

Five numbers, one knowing nod from the practitioners of the ISO/IEC 27001:2005

But no longer!

On the 23<sup>rd</sup> of September 2013, the standard was re-launched as the ISO/IEC 27001:2013. The standard now contains 6 required clauses, numbered 4 to 10, with 114 controls in Annex A, under 35 control objectives in 14 domains.

These changes were driven primarily by the input gathered in the intervening years, from working groups around the world to enhance and refine the standard as part of the standard's revision schedule. The secondary motive force for the changes is the realignment of the standard's format with Annex SL – the framework that is being rolled out across all ISO standards for management systems, to harmonise how they are written and implemented.

Reactions to final draft of the new standard range from blasé to bewildered. Some brush off the changes as superficial, noting that the clauses of the standard, still address core functions such as risk management and continual improvement, whilst others puzzle over the introduction of new paradigms like 'risk owners' and deletion of old ones such as 'preventive action'.

While the differences in the clauses alone should not be taken lightly, many of the changes that have far reaching effects on any organisation lie in the new Annex A. One of these major changes is a new control requiring information security to be a core tenet of *any* project an organisation undertakes.

Another more standout change to Annex A is the introduction of a control that requires information security requirements that an organisation has with its supplier to percolate down to the supplier's suppliers, and *their* suppliers, and so on, to ensure that the entire supply chain adequately addresses risks as per the organisation's requirements for information security, with the aim of having no weak links within the supply chain, that can be taken advantage of.

All told, *over 40* controls have undergone significant change, more than 25 have been deleted or merged with others, and just over 10 new controls have been added.

*“One important aspect in CRA’s evolution is technology – which is evolving rapidly. CRA have a firm understanding of how technology is shaping and re-shaping the industry, and, in turn, leverage on technology.*

*Over the next 3 to 5 years, CRA will continue to invest in technology platforms to strengthen its operational efficiency. CRA’s IT systems have been recognized as being of international standards, having obtained ISO/IEC 27001 ISMS certification. This will help to assure stakeholders of the robustness and integrity of CRA’s internal operating systems and processes. In short, these investments will allow CRA to be a better regulator”.*

*Minister Mr. S Iswaran*

*(Minister in Prime Minister's Office and Second Minister for Home Affairs and Trade & Industry)*

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#### SINGAPORE

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## COURSE OVERVIEW

According to the Information System Security Certification Consortium in their Global Information Security Workforce Study, majority of the corporate management are spending their time and money into researching and implementing new technologies. BUT IN REALITY, information security professionals know that information security is not a technology issue – IT'S A PEOPLE ISSUE.

It is important to change their philosophy and recognise that there is every opportunity to consider information security as strategic tools for competitive advantage, increased shareholder value and better management of resources. Such change does not require new technical know-how or security solutions, but rather a new way of assessing them.

Come and attend to our highly rated IRCA registered ISMS Lead Auditor training course. It will help you acquire the knowledge and skills required to assess the conformance of an organisation to ISO/IEC 27001:2013. In addition, you will gain the understanding of associating the ISMS elements to the key of a successful business.

## KEY BENEFITS

Upon successful completion, you will be;

- Equipped with knowledge and skills required to perform audits & risk assessment against the ISMS standard and maintain Information Security Management Systems (ISMS) programme
- Satisfy the training requirements for initial certification for IRCA ISMS auditor and expand your auditing competency

## COURSE CONTENT

This classroom-based training is designed with a combination of tutorials, workshop exercises and role-play. The topic includes;

- Introduction to ISO/IEC 27001:2013 Information Security Management Systems (ISMS)
- Interpreting ISO/IEC 27000:2012 , ISO/IEC 27001:2013, & ISO/IEC 27002:2013
- Information Security Risk Management
- Introduction to ISO 19011 ISMS Auditor Selection Process
- ISMS Audit Process, Preparation, Execution, & Recording based on the new ISO/IEC 27001:2013 standard requirements
- ISMS Preventive & Corrective Actions Review

## TARGET AUDIENCE

- Senior & Middle Managers who wish to better understand the philosophy and the requirements of ISMS in compliance with ISO/IEC 27001:2013 so as to improve the current business process
- Professionals who wish to provide advisory on ISO/IEC 27001:2013 ISMS certification expectation
- IT, Quality Professionals & Programme Coordinators who wish to setup an audit programme within their Organization as recommended by ISO 19011
- Managers and Professional Engineers who need to understand the implementation requirements of ISMS program and be equipped with the ability to select credible consultants
- Existing auditors who wish to expand their auditing skills

**COURSE FEE:** \* S\$ 2,800 (Includes course and exam fees)

\* CITREP subsidized Training Course

## TRAINING SCHEDULE:

11 – 17 February 2014 @ Park Royal Hotel, Kitchener Road Singapore

*“ Organizations must plan for risks that are low in occurrence but high on impact and not only that, Organizations should not only be prepared for the known knowns, but also, must be prepared for the unknown, knowns, as well as the unknown unknowns”*

*Donald Rumsfeld  
US Secretary - Department of Defense*

## About Maximus Consulting

Maximus Consulting “Maximus” is the pioneer and leading regional provider of information security and business continuity services, especially in the area of ISO/IEC 27001 Information Security Management System (ISMS), ISO 22301 Business Continuity Management System (BCMS), and ISO/IEC 20000 Information Technology Service Management System (IT-SMS).

Today, Maximus is one the most celebrated ISMS & BCMS consulting & training boutique in Asia. It possess one of the most advance and highly sophisticated enterprise Risk Management software ever built and only operated by highly experienced consultants. It also possesses the highest number of IRCA registered principal auditors worldwide.

Spanning over 3 countries with 3 offices, Maximus assists organizations in more than 28 countries across 4 continents, creating resiliency in any business environment effectively and efficiently through information security and business continuity.



### MALAYSIA

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### THAILAND

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Silom Road, Suriyawongse, Bangrak, Bangkok  
10500 Thailand

## AROUND THE WORLD

Reuters - Nutley, New Jersey  
 Reuters - St Louis, Missouri  
 Reuters - Long Island, New York  
 Hewlett Packard (HP) - Costa Rica  
 Hewlett Packard (HP) - Benelux  
 Hewlett Packard (HP) - Germany  
 Hewlett Packard (HP) - France  
 Hewlett Packard (HP) - Slovakia  
 Hewlett Packard (HP) - United Kingdom  
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 Hewlett-Packard (HP) - Australia  
 Hewlett-Packard (HP) - India  
 Hewlett-Packard (HP) - Japan  
 Hewlett-Packard (HP) - Malaysia  
 Hutchison Global Centre - Hong Kong  
 SingTel Ltd - Hong Kong  
 SingTel Ltd - Japan  
 NeuSoft Corporation - China  
 NCS Suzhou - China  
 General Motors  
 CAT Telecom Public Co Ltd – Internet Data Center  
 CAT Telecom Public Co Ltd – Security Operations Center  
 Metropolitan Electricity Authority – Geographic Information System  
 Rax Interdiagnostic Co Ltd  
 Business Online Public Co Ltd  
 TOT Public Co Ltd  
 Port Authority of Thailand  
 BMW - Malaysia  
 Tenaga Nasional Bhd  
 Bank Mandiri  
 YKK Fastening Indonesia Group  
 YKK (Thailand) Co Ltd  
 YKK Malaysia



## SINGAPORE

Infocomm Development Authority (IDA)  
 Ministry of Home Affairs (MHA)  
 Housing Development Board (HDB)  
 National University of Singapore (NUS)  
 Civil Aviation Authority of Singapore (CAAS)  
 Agency for Science, Technology and Research (A\*STAR)  
 Ministry of Health (MOH)  
 Singapore Prison Services (SPS)  
 Casino Regulatory Authority (CRA)  
 Health Promotion Board (HPB)  
 Energy Market Authority (EMA)  
 Centre for Strategic Infocomm Technology (CSIT)  
 ST Electronics (Info Security)  
 National Institute of Education  
 Toppan Leefung Security Printing Ltd  
 Singapore Computer System (SCS)  
 SingTel EXPAN  
 Starhub Pte Ltd – ARGONAR  
 Singapore Pools Ltd  
 SP Power Grid (GAS Division)  
 Sembcorp Cogen Ltd  
 Sembcorp Gas Ltd  
 City Gas Pte Ltd  
 Senoko Energy Pte Ltd  
 NEC STEE Cloud Services Pte Ltd (NSCS)  
 NEC Asia Pacific  
 Fuji Xerox Asia Pacific  
 Equinix Singapore  
 Hewlett Packard (HP) - Singapore  
 SingTel Ltd - Singapore  
 YKK Holding Asia Pte Ltd  
 Reuters - Singapore  
 NCS Pte Ltd  
 DP Information Networks Pte Ltd  
 Asia Pacific Breweries Ltd  
 Singapore Changi Airport  
 Sony  
 Singapore Stock and Exchange Limited  
 OCBC Bank  
 Citi Bank



## YOU CHENG HWEE

Mr You has been a security practitioner for more than 15 years and is the founder and the Director of Consulting Services of Maximus Consulting, a pioneer and leading company specialized in providing ISO 27001/ISO1799/BS 7799 Information Security Management System (ISMS) consultancy services. He is also the trainer for BS 7799 ISMS related trainings.

He has consulted various Global 2000 companies for BS 7799 ISMS including Reuters, General Motors, Hewlett-Packard and Singapore Telecommunications; just to name a few and his experience spans over 4 continents. With his in-depth knowledge of information security, Mr You also patented a revolutionary risk assessment methodology that has been accepted and globally adopted in some of the Global 2000 companies.

Today, his main responsibilities include steering the business strategically as well as leading the research and development (R&D) initiative in Maximus™ Consulting to maintain leadership in the ISMS consulting industry.

Previous to his employment in Maximus™ Consulting, Mr. You was one of the key pioneers who has contributed tremendously to the establishment and success of PrivyLink International. During his term of employment in PrivyLink, he directs product conceptualization and spearheads in the commercialization of security solutions.

His last position served in PrivyLink was Vice President, Head of Professional Services department, where his responsibilities includes resource management, pre-sales technical solution consultancy, business solutions delivery, post-sales technical support and training. In addition, he is also responsible for the setting up of systems and procedures to ensure and provide quality customer service in PrivyLink International.

He was also a PKI consultant for ValiCert, Inc., a leading security company providing Identrus security consultancy, products and solutions. He has responsibilities for localizing solutions for the Asian market, providing solution and security consultancy. His territories include Singapore, Hong Kong, Korea, Taiwan, India and Australia.

With a Masters of Science by Research in Computer Security from the National University of Singapore, Mr. You started his career as a Research Assistant with his alma mater. He is actively involved in the research area on network and systems security and has contributed to international publications for journals like ACM Computer Communication Review (U.S.) and IEICE, JWIS (Japan).

*"We strongly believe that the art of risk management can be converted into science. We have managed to engineer and master the risk domains of information security and business continuity. Using Maximus risk modelling, we have managed to solve some of the most difficult issues experienced by medium to large Organizations."*

- Mr You Cheng Hwee  
Maximus Consulting Pte Ltd

- Associate Member of International Organization for Standardization (ISO) SC27 /WG5 – ISO/IEC 27001
- Participating member for ISO/IEC JTC 1/SC 27 IT Security Technique
- IRCA Certified ISMS Principal Auditor
- Associate Member of Business Continuity Institute (MBCI)
- Chartered Information Systems Practitioner, British Computer Society
- Technical Expert, Register of Security Specialists - British Computer Society
- Lecturer, Management Development Institute of Singapore
- ITIL Foundation Certification for IT Service Management
- Certified Information Security Manager (CISM)
- Certified Information System Auditor (CISA)
- British Computer Society – Registry of Security Practitioners. The official assurance mark for ISO/IEC 27001 ISMS – ISO/IEC 27002 (formerly known as BS 7799/ISO 17799) consultants

There are only 36 registered consultants worldwide. 20 registered consultants worldwide specialized in ISO/IEC 27001 ISMS – ISO/IEC 27002. Only 1 registered consultant in Asia Pacific specialized in ISO/IEC 27001 ISMS – ISO/IEC 27002. That's us!





## ANDREW HO

Having his first degree in Information System Management, Andrew spent 15 years of his career drilling deep into the Digital and Cyber World. Being a Microsoft guru during his school days, he started MSDN Club collaborating with Microsoft® in the early 1990s focusing on community development for the latest Microsoft development tools and technology.

Andrew was a regular speaker in many Microsoft® events. Events such as the Microsoft® Office 98 launch, Microsoft® Windows Server launch, Microsoft® .NET Solution, Developers' Day, Professional Developer Conference and Developers' Festival. Being active in the Microsoft® arena, Andrew was appointed by Microsoft® United States between the year 1997 and 2000 with the prestigious Microsoft® Developers' Network (MSDN) Regional Director. During his appointment, Andrew dons a responsibility in marketing Microsoft® technology around the region. It was then, with the amount of exposure and hands-on experiences; he completed his MBA in Marketing.

In recent years, he has dedicated his time in providing management system audit, training and consultancy. Andrew has given several lectures and professional training to various private institutes around the region. As he is fluent in both IT Industry and management system, he was given the opportunity to put in place policies, standards and guidelines for various industries.

As Singapore has previously experience SARS and Hand Foot Mouth Disease (HFMD), Andrew was involved in setting policies, standards, guidelines and preventive measures for children care centres ensuring a system is in place for pandemic outbreak.

Having worked in IT industries for 15 years and involved in the training, consultancy and audit in compliance with ISO management systems, Andrew had demonstrated his ability to grasp business processes and to build information security and quality into them.

*Though inventions and materials are tools available for consultancy, they will not work if they do not get infused into the organization culture!*

*Maximus believes consultancy is an art – it needs to be communicated and accepted by the organization; we call this “embedding the standards into the organization’s culture”.*

*Andrew Ho  
Maximus Consulting*

- IRCA Registered ISO/IEC 27001 ISMS Principal Auditor
- Certified ISO/IEC 27001 ISMS Trainer
- Certified Information Systems Auditor (CISA) - ISACA
- OHSAS 18001 Lead Auditor Training – PSB
- ISO 9001 Internal Auditor Training – PSB
- Professionalism in Higher Education Teaching – NPB
- Microsoft Certified Trainer
- Microsoft Certified System Engineer + Internet
- Microsoft Certified Database Administrator
- Microsoft Certified Application Developer
- Certified Lotus Instructor

