



**The Roadmap to Information Security  
with  
ISO/IEC 17799 :2005  
&  
ISO/IEC 27001:2005**



# MODULE ONE

## The Roadmap to Information Security with ISO/IEC 17799 :2005 & ISO/IEC 27001:2005

**Format: Lecture and Case Study**

**Duration: Half day**

### Overview

With growing trends of information security breaches, security of vital information is of critical importance. This half day workshop, is designed to help you appreciate how to secure your key Information Assets keeping in mind best practices ISO/IEC 17799 :2005 and ISO/IEC 27001:2005 specifications. It will give an overview on how to implement and maintain an Information Security Management System according to the above standards.

### Course Benefits

- Understand the purpose of an information security management system (ISMS)
- Overview of the processes involved in establishing, implementing, operating, monitoring, reviewing and improving an ISMS as defined in ISO/IEC 17799 :2005 /ISO/IEC 27001 :2005
- Understand and ask the pertinent questions required for a ISO/IEC 17799 :2005 /ISO/IEC 27001 :2005 Gap Analysis
- Exposure to Risk Assessment and Treatment techniques
- Guide to select requisite controls based on ISO/IEC 27001:2005 .

### Who should attend?

- IT Heads and Senior Management responsible for implementing managing a formal ISMS.
- IT and Quality professionals. Consultants who wish to advice on ISO/IEC 27001:2005 methodology.
- Existing Security professionals

### Workshop Outline

A combination of tutorials, syndicate exercises cover the following topics:

- Introduction to information, information security and threats.
- The process approach to establishing, implementing and maintaining an Information Security Management System
- History & Overview of the ISO/IEC 17799/ ISO/IEC 27001 :2005 standards
- Business applications of the ISO/IEC 17799/ ISO/IEC 27001 :2005 standards
- Process of building an Information Security Management system (ISMS) using the 7 Secure Seven step ISMS Implementation Framework
- Risk Management Risk Assessment & Risk Treatment
- Policy Design, Development and Maintenance
- ISO/IEC 27001:2005 controls a short overview
- Applying ISO /IEC 27001:2005 Controls
- ISO/IEC 27001:2005 Certification & Certification Audits

### Prerequisites

This course does not require a prior knowledge of the standard but enthusiasm and willingness to learn is definitely a must.

### Award of Certificate

- Certificate of Attendance will be given to participants who have attended at least 90% of the class.

# The Roadmap to Information Security with ISO/IEC 17799 :2005 & ISO/IEC 27001:2005

## Workshop Agenda

845	Registrations
0900	Introductions
0915	Business requirements for ISMS
0920	The process approach to establishing, implementing and maintaining an Information Security Management System
0930	ISO/IEC 27001:2005 and ISO 17799:2005-Basics
1000	Coffee
1015	ISO/IEC 27001: 2005 controls a short overview
1100	Applying ISO /IEC 27001:2005 Controls (Exercises)
1130	Design and implementation of an ISMS using the 7 Secure Seven step ISMS Implementation Framework using Reachout International Case study
1230	ISO/IEC 27001:2005 Certification & Certification Audits
1245	Interactive Feedback Session

## Key Learning Objectives

### Delegates will understand

- ◆ Information Security Basics
- ◆ Management Systems Framework & Philosophy/Information Security Management Systems
- ◆ SMS framework and philosophy
- ◆ Purpose and business benefits
- ◆ ISO/IEC 17799:2005 and its relationship to ISO/IEC 27001:2005
- ◆ Establishing, implementing and operating, monitoring and reviewing and improving an ISMS
- ◆ The steps involved in building and implementing an ISMS based on ISO 17799/ISO/IEC 27001:2005
- ◆ The Information Security Risk Management process
  - ◆ Risk Assessment
  - ◆ Risk Treatment
- ◆ Control objectives, Controls and Control Selection Annex A of ISO/IEC 27001:2005, drawing on ISO/IEC 17799
- ◆ The structure of the ISMS documentation
- ◆ Third Party Assessment and certification

## Key Takeaways

### By the end of module one delegates must be able to understand :

- ◆ The process approach to information security management systems
- ◆ The purpose and business benefits of an information security management system
- ◆ The history, purpose and content of ISO/IEC 17799 and its relationship to ISO/IEC 27001:2005
- ◆ The processes involved in establishing, implementing and operating, monitoring and reviewing and improving an ISMS, including the significance of this for ISMS Implementers
- ◆ The control objectives and controls defined in Annex A of ISO/IEC 27001:2005 ,drawing on ISO/IEC 17799
- ◆ Draw links between the PDCA model and correctly apply this to the ISMS process requirements specified in ISO/IEC 27001:2005
- ◆ The organization's security risk assessment approach & the assessment of the adequacy of any given approach
- ◆ Audit Fundamentals & accredited third certification including: the ISMS audit process ,auditing principles, methodology and good practice as described in EA 7/03 and the current revision of ISO 19011

## Manchester

**Date: 28 November 2006**  
**Venue: Abbey Business Centers,**  
 Barnett House,53 Fountain Street  
 Manchester,M2 2AN  
 T) + 44 (0) 161 247 8444  
 F) + 44 (0) 161 247 8448  
**Time:** 09 00 to 12 30 hrs  
**Program Fee:** £160 + VAT  
 (Including Networking Lunch [12.45 – 13.15], refreshments, course materials and certificates)

## Solihull

**Date: 29 November 2006**  
**Venue: Executive Communication Centres,**  
 Wellington House,  
 Starley Way,  
 Birmingham International Park,  
 Solihull B37 7GN  
 Tel. +44 (0) 121 767 1800  
 Fax. +44 (0) 121 767 1805  
**Time:** 09 00 to 12 30 hrs  
**Program Fee:** £160 + VAT  
 (Including Networking Lunch [12.45 – 13.15], refreshments, course materials and certificates)

## London

**Date: 30 November 2006**  
**Venue: Executive Communication Centres, 3**  
 Bunhill Row  
 London EC1Y 8YZ  
 Tel: 0207 847 4000  
 Fax: 0207 847 4005  
**Time:** 09 00 to 12 30 hrs  
**Program Fee:** £180 + VAT  
 (Including Networking Lunch [12.45 – 13.15], refreshments, course materials and certificates)

## REGISTRATION FORM

Name of Delegate 1		
Job Title		
Name of Delegate 2		
Job Title		
Name of Delegate 3		
Job Title		
Company Name		
Address1		
Town and Post Code		
Telephone	Direct	Mobile
Manchester 28 <sup>th</sup> November <input type="checkbox"/>	Solihull 29 <sup>th</sup> November <input type="checkbox"/>	London 30 <sup>th</sup> November <input type="checkbox"/>
Full Day £275 + VAT <input type="checkbox"/>	Full Day £275 + VAT <input type="checkbox"/>	Full Day £295 + VAT <input type="checkbox"/>
Module 1 £160 + VAT <input type="checkbox"/>	Module 1 £160 + VAT <input type="checkbox"/>	Module 1 £180 + VAT <input type="checkbox"/>
Module 2 £160 + VAT <input type="checkbox"/>	Module 2 £160 + VAT <input type="checkbox"/>	Module 2 £180 + VAT <input type="checkbox"/>
Module 1 & 2 Shared <input type="checkbox"/>	Module 1 & 2 Shared <input type="checkbox"/>	Module 1 & 2 Shared <input type="checkbox"/>
<p>I would like to register the above mentioned delegate(s) for the above event(s) <input type="checkbox"/></p> <p>I would like to add the additional delegates:</p>		
<p>I would like to invite a colleague and book simultaneously to each get £15 discount on the standard price <input type="checkbox"/></p> <p>I would like to invite a colleague and book simultaneously to each attend a module for the standard price. <input type="checkbox"/></p>		
<p>I am enclosing a cheque for £..... Payable to Secure Business Continuity</p>		
<p>I wish to pay by credit card number .....</p> <p>Expiry Date.....</p>		
Name: .....		Date: .....
<p>Title:.....</p> <p>Post to:</p> <p>Secure Business Continuity, 19 Chancel Way, Charlton Kings, Cheltenham. GL53 7RR</p>		