ISO/IEC 27001:2013
ISMS Lead Implementer

This five-day course will give you the all the key steps for implementing and maintaining a successful Information Security Management System.

Duration: 5 Days

This course provides comprehensive and practical coverage of all aspects of implementing and maintaining an ISO 27001 project. If you are involved in information security management, writing information security policies or implementing ISO 27001 – either as a Lead Implementer, or as part of the planning/implementation team – this course will give you the all the key steps for implementing and maintaining a successful Information Security Management System.

Based on the most recent version ISO 27001:2013, this training is consistent with the good practices of project management established by the Project Management Institute (PMI) and ISO 10006:2003 (Quality Management Systems – Guidelines for Quality Management in Projects). This training is fully compatible with ISO/IEC 27003:2009 (Guidelines for the Implementation of an ISMS), ISO/IEC 27004:2009 (Measurement of Information Security) and ISO/IEC 27005:2008 (Risk Management in Information Security).

Who Should Attend

- Project manager or consultant wanting to prepare and to support an Organisation in the implementation of an Information Security Management System (ISMS)
- ISO 27001 Auditor who wants to master the Information Security Management System implementation process
- Person responsible for the Information security or conformity in an organisation
- Members of the information security team
- Expert advisors in information technology
- Technical experts wanting to prepare for an Information security function or for an ISMS project management function

Learning Outcomes

- Understanding the application of an Information Security Management System in the context of ISO 27001

- Mastering the concepts, approaches, standards, methods and techniques required in an effective management of an Information Security Management System

- Understand the relationship between the components of an Information Security Management System, including risk management, controls and compliance with the requirements of different stakeholders of the Organisation

- Acquiring the necessary expertise to support an Organisation in implementing, managing and maintaining an ISMS as specified in ISO 27001

- Acquiring the necessary expertise to manage a team implementing the ISO27001 standard

- Develop the knowledge and skills required to advise Organisations on best practices in management of information security

- Improve the capacity for analysis and decision making in a context of information security management

Course Contents

Day 1: Introduction

- Detailed presentation of the standards ISO 27001, ISO 27002 and ISO 27003 and regulatory framework
- Fundamental principles of Information Security
- Preliminary analysis and determining the level of maturity of the existing management of the Information Security based upon ISO/IEC 21827:2008
- Developing a project plan of compliance to ISO/IEC 27001:2005

Day 2: Planning an ISMS based on ISO 27001

- Defining the scope of the ISMS
- Drafting the ISMS and information security policies
- Selection of the approach and methodology for risk assessment
- Risk management according to ISO 27005: identification, analysis and treatment of risk

Day 3: Launching and implementing an ISMS based on ISO 27001

- Implementation of a document management framework
- Design of controls and writing procedures
- Implementation of controls
- Incident Management according to ISO 27035

Day 4: Control audit of the ISMS according ISO 27001

- Monitoring the ISMS controls
- Development of metrics, performance indicators and the dashboard in accordance with ISO 27004
- ISO 27001 Internal Audit
- Management review of the ISMS
- Preparing for the ISO 27001 certification audit

Day 5: Course review, exam prep, Certificate exam

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