

ISO/IEC 27001 Lead Implementer

Description

The five-day intensive training allows participants to acquire the necessary knowledge and develop the expertise to conduct a project to implement an information security management system meeting the requirements of the ISO/IEC standard. 27001.

The training consists of lectures illustrated with concrete cases and practical exercises based on a case study, carried out alone or in a group (role plays), taken from real missions, directly related to the preparation for the examination.

Classroom Registration Price (CHF)

4900

Virtual Classroom Registration Price (CHF)

4650

Course Content

Module 1: Introduction to the concept of Information Security Management System (ISMS) as defined by ISO 27001

- Introduction to management systems and process approach
- Presentation of ISO 27001, ISO 27002 and ISO 27003 standards, as well as the normative, legal and regulatory framework
- Fundamental principles of information security
- Preliminary analysis and determination of the level of maturity of an existing information security management system according to ISO 21827
- Drafting of a feasibility study and a project plan for the implementation of an ISMS

Module 2: Planning the implementation of an ISMS based on ISO 27001

- Definition of the WSIS perimeter (field of application)
- Development of WSIS policy and objectives
- Selection of risk assessment approach and method
- Risk management: identification, analysis and treatment of risk (according to the provisions of ISO 27005)
- Drafting of the Declaration of Applicability

Module 3: Setting up an ISMS based on ISO 27001

- Establishment of a documentation management structure
- Design of security measures and drafting of procedures
- Implementation of security measures
- Development of a training and awareness program, and communication about information security
- Incident management (according to the provisions of ISO 27035)
- Management of an ISMS operations

Module 4: Control, monitor, measure and improve an ISMS; WSIS certification audit

- Control and monitor an ISMS
- Development of metrics, performance indicators and dashboards in accordance with ISO 27004
- ISO 27001 internal audit

- WSIS Management Review
- Implementation of a continuous improvement program
- Preparation for the ISO 27001 certification audit

ISO/IEC 27001 certification process and exam

- Certification process
- ISO 27001 Lead Implementer certification exam

Documentation

- Digital courseware included

Exam

This course prepares you to the ISO 27001 Lead Implementer exam included in the price of the training

- To succeed, the participant must obtain a minimum of 70 points out of 100
- He will be qualified as a “Provisional Implementer” and will have 3 years to request to be certified, according to his level of activity, “Implement ISO/IEC 27001” or “Lead Implement ISO/IEC 27001 »

Participant profiles

- Consultants wishing to prepare and support an organization for the implementation of an ISMS conforming to ISO/IEC 27001
- Information System Security or Compliance Officers
- Information technology expert advisers

Prerequisites

- Security of information systems and risk analysis
- ISO/IEC 27001 and ISO/IEC 27002 are recommended

Objectives

- Acquire knowledge relating to the requirements of ISO/IEC 27001
- Understand the relationship between the information security management system, risk management, measures, and the different stakeholders
- Acquire through a case study the skills necessary to define and implement an Information Security Management System in accordance with ISO/IEC 27001
- Obtain the ISO/IEC 27001 Lead Implementer certification

Niveau

Intermédiaire

Duration (in Days)

4.5

Reference

ISO-27001LI