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# ISO 27001 Lead Implementer Training

5 days (35 hours)

## PRESENTATION

The ISO/IEC 27001 Lead Implementer course will give you expertise you need to support an organization in setting up, implementing, managing and maintaining an ISO/IEC 27001-compliant Information Security Management System (ISMS).

This training course is designed to equip you a mastery of Information Security Management System best practices to secure sensitive information and improve the overall efficiency and performance of your organization.

Once you've mastered the concepts of Information Security Management Systems, you can sit the exam and apply for the title of "PECB Certified ISO/IEC 27001 Lead Implementer".

By holding a PECB certification, you will demonstrate that you have the practical knowledge and professional skills to implement ISO/IEC 27001 in an organization.

## OBJECTIVES

- Understand the relationship between information security risk management and security measures
- Understand the concepts, approaches, methods and techniques that enable a process of effective risk management in compliance with ISO/CEI 27005
- Interpret the requirements of ISO/CEI 27001 in the context of information security risk management
- Acquire the skills to effectively advise organizations on the best ways to achieve their objectives. information security risk management practices

## TARGET AUDIENCE

- Project managers or consultants who wish to prepare and assist an organization in implementing its ISMS.
  - ISO 27001 auditors who want to understand the process of implementing a Quality Management System.
- Management

## Prerequisites

ISO 27001 Foundation certification or basic knowledge of ISO 27001 is recommended.

## OUR ISO 27001 Lead Implementer Training PROGRAM

### Day 1: Introduction to ISO/CEI 27001 and setting up an ISMS

- Training objectives and structure
- Standards and regulations
- Information security management system
- Fundamental principles and concepts of the Information Security Management System
- Initialization of ISMS implementation
- Understanding the organization and clarifying information security objectives
- Analysis of existing management system

### Day 2: ISMS implementation planning

- WSIS project leadership and approval
- ISMS scope
- Information security policies
- Risk assessment
- Declaration of applicability and management decision to implement the ISMS
- Definition of the information security organizational structure

### Day 3: ISMS implementation

- Communication during the audit
- Definition of a documentation management process
- Design of safety measures and drafting of procedures and specific policies
- Communication plan
- Training and awareness plan
- Implementation of safety measures
- Incident management
- Management of operational activities

### Day 4: Monitoring, measurement, continuous improvement and audit preparation

# ISMS certification

- Monitoring, measurement, analysis and evaluation
- Internal Audit
- Management review
- Handling non-conformities
- Continuous improvement
- Preparing for the certification audit
- Competence and assessment of implementers
- Closing the course

## Day 5: Certification exam

## Companies concerned

This course is aimed at both individuals and companies, large or small, wishing to train their teams in a new advanced computer technology, or to acquire specific business knowledge or modern methods.

## Positioning on entry to training

Positioning at the start of training complies with Qualiopi quality criteria. As soon as registration is finalized, the learner receives a self-assessment questionnaire enabling us to assess his or her estimated level of proficiency in different types of technology, as well as his or her expectations and personal objectives with regard to the training to come, within the limits imposed by the selected format. This questionnaire also enables us to anticipate any connection or security difficulties within the company (intra-company or virtual classroom) which could be problematic for the follow-up and smooth running of the training session.

## Teaching methods

Practical course: 60% Practical, 40% Theory. Training material distributed in digital format to all participants.

## Organization

The course alternates theoretical input from the trainer, supported by examples, brainstorming sessions and group work.

## Validation

At the end of the session, a multiple-choice questionnaire verifies the correct acquisition of skills.

## Sanction

A certificate will be issued to each trainee who completes the course.

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[Training Program Web page](#) - Appendix 1 - Training sheet

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