



REAL WORLD
TECHNOLOGY TRAINING & SOLUTIONS
"Training You Can Really Use"

ISO/IEC 27001 Lead Implementer

Duration: 5 Days

Method: Instructor-Led Training (ILT) | Live Online Training

Certification: PECB Certified ISO/IEC 27001 Implementer

Course Description

This training enables participants to develop the necessary expertise to support an organization in establishing, implementing, managing and maintaining an Information Security Management System (ISMS) based on ISO/IEC 27001. Also, during this training course, participants will gain a thorough understanding of the best practices of ISMS to secure the organization's sensitive information and improve the overall performance and effectiveness.

After mastering all the necessary concepts of ISMS, participants will sit for the exam and apply for one of the certification credentials. By holding one of the certificate credentials, participants will be able to demonstrate that they have the practical knowledge and professional capabilities to implement ISO/IEC 27001 in an organization

Target Audience

This course is intended for:

- Managers or consultants involved in Information Security Management.
- Expert advisors seeking to master the implementation of an ISMS.
- Individuals that are responsible for maintaining conformance with ISMS requirements.
- ISMS Team Members.

Prerequisites

To attend this course, candidates must have:

- A fundamental understanding of ISO/IEC 27001.
- Comprehensive knowledge of implementation principles.



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Certification Information

ECB Certified ISO/IEC 27001:

- Provisional Implementer
- Implementer
- Lead Implementer
- Senior Lead Implementer

NOTE:

1. Participants will receive a certificate once they comply with all the requirements related to the selected credential.
2. A participation certificate of 31 CPD (Continuing Professional Development) credits will be issued.

Course Objectives

Upon successful completion of this course, attendees will be able to:

- Acknowledge the correlation between ISO/IEC 27001, ISO/IEC 27002 and other standards and regulatory frameworks.
- Understand the concepts, approaches, methods and techniques used for the implementation and effective management of an ISMS.
- Interpret the ISO/IEC 27001 requirements in the specific context of an organization.
- Support an organization to effectively plan, implement, manage, monitor and maintain an ISMS.
- Effectively advise an organization in implementing ISMS best practices.

Course Topics

Module 1: Introduction to ISO/IEC 27001 and Initiation of an ISMS

- Course Objectives and Structure
- Standards and Regulatory Frameworks
- Information Security Management System (ISMS)
- Fundamental Principles of ISMS
- Initiating the implementation of an ISMS
- Understanding the Organization and Clarifying the Information Security Objectives
- Analysis of the Existing Management System



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Course Topics *Continued*

Module 2: Plan the implementation of an ISMS

- Leadership and Approval of the ISMS Project
- ISMS Scope
- Information Security Policies
- Risk Assessment
- Statement of Applicability and Top Management's Decision to Implement the ISMS
- Definition of the Organizational Structure of Information Security

Module 3: Implementation of an ISMS

- Definition of the Document Management Process
- Design of Security Controls and Drafting of Specific Policies & Procedures
- Communication Plan
- Training and Awareness Plan
- Implementation of Security Controls
- Incident Management
- Operations Management

Module 4: ISMS Monitoring, Measurement, Continuous Improvement and Preparation for a Certification Audit

- Monitoring, Measurement, Analysis and Evaluation
- Internal Audit
- Management Review
- Treatment of Non-Conformities
- Continual Improvement
- Preparing for the Certification Audit
- Competence and Evaluation of Implementers
- Closing the Training

Module 5: Certification Exam

LABS INCLUDED