



Inspiring growth and improvement

ISO 27001 ISMS Lead Implementer

Accredited by PECB

Mastering the implementation and management of an
Information Security Management System (ISMS)
based on ISO/IEC 27001

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Introduction

This five-day intensive course enables participants to develop the necessary expertise to support an organization in implementing and managing an Information Security Management System (ISMS) based on ISO/IEC 27001:2013. Participants will also gain a thorough understanding of best practices used to implement information security controls from all areas of ISO/IEC 27002. This training is consistent with the project management practices established in ISO 10006 (Quality Management Systems - Guidelines for Quality Management in Projects). This training is also fully compatible with ISO/IEC 27003 (Guidelines for the Implementation of an ISMS), ISO/IEC 27004 (Measurement of Information Security) and ISO/IEC 27005 (Risk Management in Information Security).

Learning Objectives

- To acknowledge the correlation between ISO/IEC 27001, ISO/IEC 27002 and other standards and regulatory frameworks
- To master the concepts, approaches, methods and techniques used for the implementation and effective management of an ISMS
- To learn how to interpret the ISO/IEC 27001 requirements in the specific context of an organization
- To learn how to support an organization to effectively plan, implement, manage, monitor and maintain an ISMS
- To acquire the expertise to advise an organization in implementing Information Security Management System best practices

Contents

- **Day 1: Introduction to Information Security Management System (ISMS) concepts as required by ISO/IEC 27001; Initiating an ISMS**
 - ▶ Course objectives and structure
 - ▶ Standards and regulatory frameworks
 - ▶ Information Security Management System (ISMS)
 - ▶ Fundamental principles of Information Security Management Systems
 - ▶ Initiating the implementation of an ISMS
 - ▶ Understanding the organization and clarifying the Information Security objectives
 - ▶ Analysis of the existing management system
- **Day 2: Planning the implementation of an ISMS based on ISO/IEC 27001**
 - ▶ 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
- **Day 3: Implementing an ISMS based on ISO/IEC 27001**
 - ▶ 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
- **Day 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
- **Day 5: Certification Exam**

Recommended Participants

- Managers or consultants involved in Information Security Management
- Expert advisors seeking to master the implementation of an Information Security Management System
- Individuals responsible for maintaining conformance with ISMS requirements
- ISMS team member

Prerequisites

PECB Certified ISO/IEC 27001 Foundation Certification or basic knowledge of ISO/IEC 27001 is recommended.

Course Format

This training is based on both theory and practice:

- Sessions of lectures illustrated with examples based on real cases
- Practical exercises based on a full case study including role playings and oral presentations
- Review exercises to assist the exam preparation
- Practice test similar to the certification exam.

Duration

5 days, including certification examination on the last day.

Materials Provided

- Course reference manual containing copy of course slides, support documents, quizzes and answers
- Course Certificate
- Exam certificate on passing the ISO 27001 Lead Implementer examination

CPDs Assigned

This course qualifies for Thirty One (31) CPDs.

Certification Exam

A 3-hour certification exam is scheduled on the last day of the course. The exam is paper-pencil based.

About Business Beam

Business Beam is a top of the line Management consultancy, training and outsourcing firm that helps organizations solve problems in strategy, governance, operations, quality, services, projects, information security, business continuity, human resources, risks and internal audit.

Established in 2004 with a vision to drive organizations towards corporate excellence, Business Beam has served hundreds of organizations of various sizes, different domains and geographical regions. Business Beam partners with customers to convert them into high-performance businesses and governments. We feel honored to help them grow!

Our training program has successfully reached to more than 7,000 professionals and executives, from 25+ different nationalities, and representing 1000+ organizations.

Business Beam is AXELOS certified partner and Accredited Training Organization (ATO) for COBIT, ITIL, PRINCE2, P3O and DevOps. We are also itSMF member, PECB partner, ISACA official licensee and CMMI Institute partner.

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Business Beam can help you meet
your growth objectives, visit
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