



**Training sheet**  
**ISO 27001 – Lead Implementer**  
**certification**

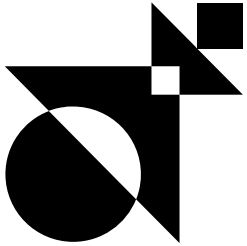
**CONTACT FOR THIS TRAINING**

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## Course overview



This intensive course allows participants to develop the expertise necessary to assist an organization in the implementation and management of an Information Security Management System (ISMS) as specified in ISO/IEC 27001 :2022. Participants will also be able to acquire a solid foundation regarding the good practices used for the implementation of information security measures from the areas of ISO 27002. This training complies with the good project management practices established by the ISO 10006 standard (Guidelines for quality project management). This training is fully compatible with ISO 27003 (Guidelines for the implementation of an ISMS), ISO 27004 (Measuring information security) and ISO 27005 (Managing information security risks).

01

Acquire a comprehensive understanding of **the concepts, approaches, methods and techniques** used for the effective implementation and management of an ISMS

04

Learn how to **interpret and implement the requirements of ISO/IEC 27001** in the specific context of an organization

02

**Understand the correlation between ISO/IEC 27001, ISO/IEC 27002** and other standards and regulatory frameworks

05

Develop the knowledge and skills needed to **help an organization effectively plan, implement, manage, monitor and maintain an ISMS**

03

**Understand how an information security management system** and its processes work in accordance with ISO/IEC 27001

## Useful informations

### Who should attend?

- Project managers or consultants who wish to prepare and assist an organization in the implementation of its Information Security Management System (ISMS)
- ISO 27001 auditors who wish to understand the process of implementing an Information Security Management System
- Managers and executives in charge of IT governance and risk management
- Members of an information security team
- Expert consultants in information technology
- Technical experts wishing to prepare for an information security or ISMS project management role

### Method of assessment

The online “**PECB Certified ISO/IEC 27001 Implementer**” exam lasts **3 hours** and is composed of single choice questions. The exam covers the following skill areas:

- Domain 1: Fundamental principles and concepts of information security
- Domain 2: Information security code of practice based on ISO 27002
- Domain 3: Plan an ISO 27001-compliant ISMS
- Domain 4: Implement an ISMS compliant with ISO 27001
- Domain 5: Performance assessment, monitoring and measurement of an ISO 27001-compliant ISMS
- Domain 6: Continuous improvement of an ISMS compliant with ISO 27001
- Domain 7: Preparation of the certification audit of an ISMS

### Entry requirements

- Have knowledge of the ISO/IEC 27001 standard and have a good knowledge of information systems security

### How and when to access

The participant is considered registered when:

- The prerequisites and needs are identified and validated
- The training agreement is signed

**Registration requests can be sent up to 10 working days before the start of the training.**

### To go further

This training course is designed to prepare you for the following training courses:

- ISO 27001 Lead Auditor certification
- ISO 27005 Risk Manager certification
- EBIOS Risk Manager certification

### Accessibility

Whether you are recognized as having a disability or not, making our training accessible to everyone is part of our commitment. If you need compensation or adaptation for the content, the supports, the "venue", the material used, the schedules, the rhythm, **we are at your disposal.**

## Face-to-face training

### Course curriculum

Day 1	Day 2	Day 3	Day 4
<b>Introduction to the Information Security Management System (ISMS) concept as defined by ISO 27001; Initialization of an ISMS</b>	<b>Plan the implementation of an ISMS based on ISO 27001</b>	<b>Implementing an ISMS based on ISO 27001</b>	<b>Controlling, monitoring, measuring and improving an ISMS; ISMS certification audit</b>
<ul style="list-style-type: none"><li>→ Introduction to management systems and the process approach</li><li>→ Presentation of the ISO 27001, ISO 27002 and ISO 27003 standards, as well as the normative, legal and regulatory framework</li><li>→ Fundamental principles of information security</li><li>→ Preliminary analysis and determination of the maturity level of an existing information security management system according to ISO 21827</li><li>→ Drafting of a feasibility study and a project plan for the implementation of an ISMS</li></ul>	<ul style="list-style-type: none"><li>→ Definition of the scope of the ISMS (field of application)</li><li>→ Development of the ISMS policy and objectives</li><li>→ Selection of the risk assessment approach and method</li><li>→ Risk management: identification, analysis and treatment of risk (according to ISO 27005)</li><li>→ Drafting of the Statement of Applicability"</li></ul>	<ul style="list-style-type: none"><li>→ Establishment of a documentation management structure</li><li>→ Design of security measures and drafting of procedures</li><li>→ Implementation of security measures</li><li>→ Development of a training and awareness program and communication about information security</li><li>→ Incident management (according to ISO 27035)</li><li>→ Management of ISMS operations</li></ul>	<ul style="list-style-type: none"><li>→ Controlling and monitoring an ISMS</li><li>→ Development of metrics, performance indicators and dashboards in accordance with ISO 27004</li><li>→ ISO 27001 internal audit</li><li>→ Management review of the ISMS</li><li>→ Implementation of a continuous improvement program</li><li>→ Preparation for the ISO 27001 certification audit</li><li>→ Revisions</li></ul>

### Training benefits

This training is based on alternating theoretical and practical sessions:

- Lectures illustrated with examples from real cases
- Classroom exercises to help prepare for the exam
- Practical tests similar to the certification exam

**In order to preserve the good realization of the practical exercises, the number of participants in the training is limited.**

### Price and informations



- **Duration:** 4,5 days (31 hours)
- **Meal:** breakfast and meal included
- **Price:** 3450€ excl. tax.
- **Financing:** OPCO support

## Distance learning

### Course curriculum

→ 24 hours of distance learning with the trainer + 8 hours of independent learning on the e-learning platform

Session 1	Session 2	Session 3	Session 4	Session 5	Session 6
Implementation of the SMSI	Establish the ISMS implementation plan	Risk management	Documentary repository	Implementing the ISMS	Evaluation and improvement of the ISMS
Session 7	Session 8	Session 9	Session 10	Session 11	Session 12
Organizational structure of Information Security	Implementation of security measures / Definition of the document management process	Communication plan / Training awareness plan / Operations management	Incident management / Monitoring, measurement, analysis and evaluation / Internal audit	Management Review / Handling of problems and non-conformities / Continuous improvement	Preparation of the certification audit / Certification process and training completion

### Training benefits

This training is based on:

- E-learning video sessions, most with quizzes analogous to the certification exam, to be taken by each participant
- Distance learning sessions led by an expert trainer, with alternating theory and exercises, in groups and individually, ending with quizzes

**To ensure that practical exercises run smoothly, the number of participants is limited**

### Price and informations



- **Duration:** 35 hours
- **Price:** 2400€ excl. tax.
- **Financing:** OPCO support