PECB BEYOND RECOGNITION

PECB Certified ISO/IEC 27400
Lead Manager

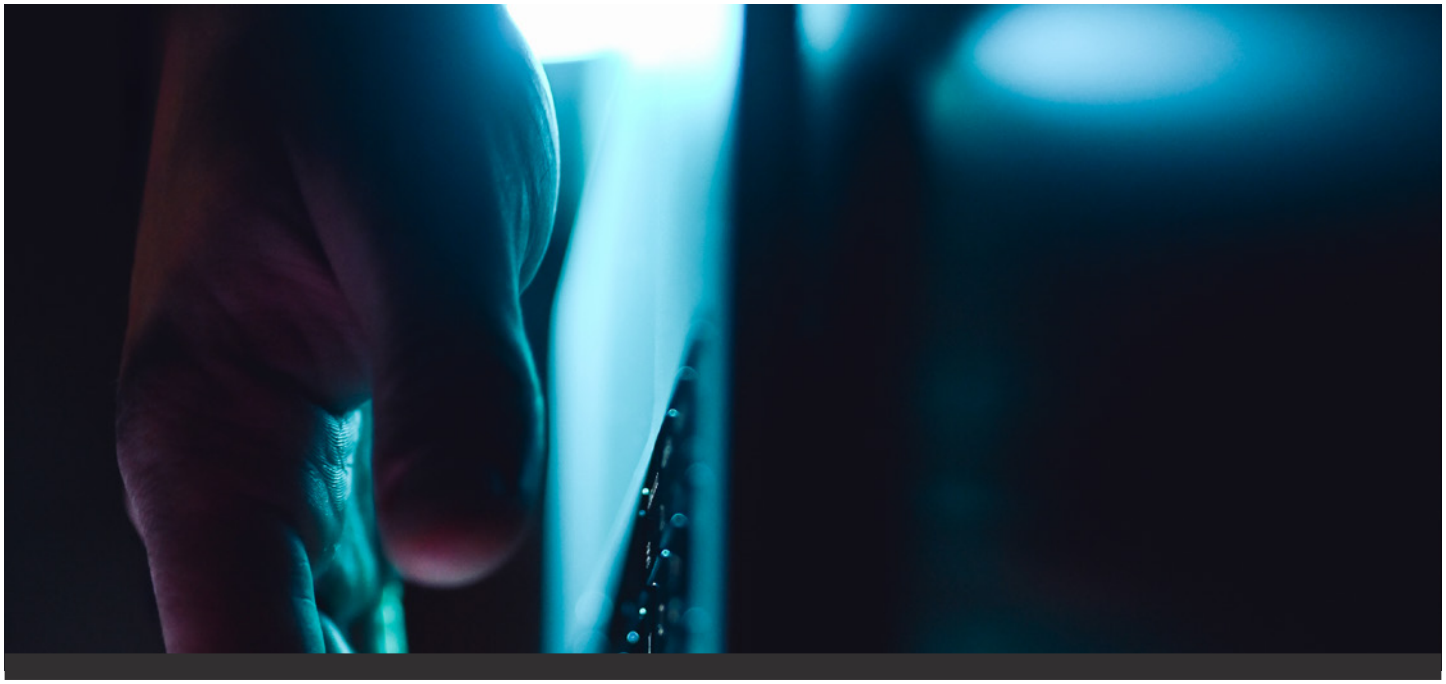
Develop the necessary skills to lead and manage the implementation of IoT security controls based on ISO/IEC 27400.

Why should you attend?

The IoT landscape is expanding rapidly, bringing new technologies—and with them, increased security risks. As devices become more interconnected, organizations face growing pressure to implement effective security and privacy controls that address emerging threats and meet regulatory expectations.

The ISO/IEC 27400 Lead Manager training course is designed for professionals responsible for managing IoT-related risks. It covers essential topics such as the IoT life cycle, asset management, incident response, and continuous improvement.

Participants will engage in practical exercises and real-world discussions to build the skills needed to strengthen organizational security and protect sensitive data across IoT environments. Completing this course prepares you to take a leading role in safeguarding connected systems and supporting long-term resilience.



Who should attend?

This training course is intended for:

- Individuals seeking to gain a thorough understanding of IoT security and privacy principles and best practices
- Professionals responsible for ensuring security, privacy, and compliance in IoT environments
- Managers overseeing IoT infrastructure and managing risks associated with IoT deployments
- Consultants advising organizations on IoT security, privacy, and risk management
- Individuals looking to advance their careers in the rapidly growing IoT security industry
- IoT service providers, IoT service developers, and IoT users who are involved in defining security and privacy requirements or implementing controls throughout the IoT systems life cycle, as described in ISO/IEC 30141 and ISO/IEC 27400

Course agenda

Duration: 5 days

Day 1 | IoT concepts, principles, and lifecycle

- Training course objectives and structure
- Standards and regulatory frameworks
- IoT concepts and principles
- IoT life cycle
- The organization and its context

Day 2 | Security roles and responsibilities, asset management, and risk management

- Information security roles, and responsibilities related to IoT
- Asset management
- Risk management

Day 3 | IoT security and privacy controls, blockchain and integrated technologies, and training

- Security controls of IoT systems
- Privacy controls of IoT systems
- Blockchain and integrated technologies for IoT systems
- Awareness and training

Day 4 | IoT security monitoring, incident management, internal audit and management review, and continual improvement

- IoT security and privacy monitoring
- Incident management
- Internal audit and management review
- Continual improvement
- Closing of the training course

Day 5 | Certification exam

Learning objectives

By the end of this training course, participants will be able to:

- Explain the fundamental concepts and principles of IoT security and privacy
- Evaluate the organization's context and alignment of IoT with business processes, and define the roles and responsibilities in ensuring IoT security and privacy
- Implement asset management practices specific to IoT devices, systems, and components
- Identify, assess, and manage risks associated with IoT systems
- Implement security and privacy controls specific to IoT service providers, developers, and users
- Implement procedures for detecting, reporting, and responding to IoT-related incidents

Examination

Duration: 3 hours

The "PECB Certified ISO/IEC 27400 Lead Manager" exam fully meets the PECB Examination and Certification Program (ECP) requirements. It covers the following competency domains:

Domain 1 | Fundamental principles and concepts of IoT security

Domain 2 | IoT security roles, responsibilities, and governance

Domain 3 | IoT risk management

Domain 4 | Selecting privacy and security controls in IoT

Domain 5 | Awareness, training, and IoT security monitoring

Domain 6 | IoT incident management

Domain 7 | IoT security audits, performance measurement, and continual improvement

For specific information about the exam type, languages available, and other details, please visit the List of PECB Exams and Exam Rules and Policies.

Certification

After passing the exam, you can apply for one of the credentials in the table below. You will receive a certificate once you fulfill all the requirements of the selected credential.

Credential	Exam	Professional experience	Project experience	Other requirements
PECB Certified ISO/IEC 27400 Provisional Manager	PECB Certified ISO/IEC 27400 Lead Manager exam	None	None	Signing the PECB Code of Ethics
PECB Certified ISO/IEC 27400 Manager		**2 years** (1 in IoT security)	200 hours	
PECB Certified ISO/IEC 27400 Lead Manager		**5 years** (2 in IoT security)	300 hours	
PECB Certified ISO/IEC 27400 Senior Lead Manager		**10 years** (7 in IoT security)	1.000 hours	

For more information about the PECB certification process, please refer to Certification Rules and Policies.

General information

- Certificate and examination fees are included in the price of the training course.
- Participants will receive more than 450 pages of comprehensive training materials, including practical examples, exercises, and quizzes.
- Participants who have attended the training course will receive an attestation of course completion worth 31 CPD (Continuing Professional Development) credits.
- Candidates who have completed the training course with one of our partners and failed the first exam attempt are eligible to retake the exam for free within a 12-month period from the date the coupon code is received because the fee paid for the training course includes a first exam attempt and one retake. Otherwise, retake fees apply.