ISO 27034 Lead Application Security Implementer

⚲ **Online instructor-led Self-study**
Modality

🗛 **English**
Language

🕐 **5 days**
Duration

Master the implementation and management of application security controls with the ISO/IEC 27034 Lead Application Security Implementer course. In 5 days, you'll gain comprehensive knowledge of the ISO/IEC 27034 framework and acquire the skills to implement application security programmes across the development life cycle.

You'll learn how to build and manage the Organisation Normative Framework (ONF), apply Application Security Controls (ASCs), and operate within the Application Security Life Cycle (ASLC). After passing the exam, you'll be eligible for the PECB Certified ISO/IEC 27034 Lead Application Security Implementer credential — a strong validation of your expertise in secure application design and governance.

Learning Objectives

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

⊘ Explain the key concepts and principles of application security based on ISO/IEC 27034

⊘ Interpret the ISO/IEC 27034 guidelines for an application security programme from the perspective of an implementer

- Initiate and plan the implementation of an application security programme based on ISO/IEC 27034 by utilizing best practices
- Support an organisation in operating, maintaining, and continually improving an application security programme based on ISO/IEC 27034

Who Should Attend?

- Application security professionals managing security in the software development life cycle
- IT and information security managers ensuring secure application development
- Compliance officers and risk managers reducing application-related risks
- Software developers and architects integrating security into design and development
- Consultants implementing ISO/IEC 27034
- Individuals advancing their careers in application security

What's Included?

- 450+ pages of training material, best practices, exercises, and quizzes
- Certification and exam fees
- Course completion attestation, granting 31 CPD credits.

Course Agenda

Day 1 | Introduction to application security and ISO/IEC 27034

- Training course objectives and structure
- Standards and regulatory frameworks
- Overview of ISO/IEC 27034

- Fundamental concepts and principles of application security
- Application security scope

Day 2 | Planning the implementation of ISO/IEC 27034.

- Organizational-level planning
- Application-level planning

Day 3 | Implementation of ISO/IEC 27034 and incident management and response.

- Implementation of application security controls
- Incident management and response
- Implementation of security practices
- Training and awareness
- Advanced application security technologies

Day 4 | Monitoring, continual improvement, and security audits

- Application security verification process
- Continual improvement
- Application security monitoring
- Closing of the training course
- Internal audit

Day 5 | Certification Exam.

Certification & Exam

🎓 Certification Prerequisites

After successfully completing the exam, you can apply for one of the credentials shown on the table below. You will receive a certificate once you meet the requirements related to the selected credential.

	ISO/IEC 27034 Provisional Application Security Implementer	ISO/IEC 27034 Application Security Implementer	ISO/IEC 27034 Lead Application Security Implementer	ISO/IEC 27034 Senior Lead Application Security Implementer	Other requirements
General Work Experience	None	2 Years	5 Years	10 years	
Application security experience	None	1 year	2 Years	7 years	Signing the PECB Code of Ethics
Hours of application security experience	None	200 hours	300 hours	1000 hours	

Exam: 3 hours, taken on Day 5

It covers the following competency domains:

Domain 1 | Fundamental principles and concepts of application security.

Domain 2 | Application security planning.

Domain 3 | Implementation of application security controls.

Domain 4 | Application security incident management and response.

Domain 5 | Verifying and monitoring application security.

Domain 6 | Continual improvement and auditing of application security.

Retake: Free retake within 12 months if needed

Maintenance Fee: First year included; fees applies from second year. Pay $120/year or save 10% by paying three years upfront.