

ISO/IEC 27034 Lead Application Security Implementer Course

Course Duration: 40 Hrs.

Course Code: ISO27034-LASI

Course Overview

The ISO/IEC 27034 Lead Application Security Implementer Course equips professionals with the knowledge and skills to implement and manage an application security program based on ISO/IEC 27034 standards. The course provides a comprehensive understanding of application security management, risk assessment, and secure software development lifecycle practices to help organizations protect critical applications from threats and vulnerabilities.

What you'll learn?

Participants will learn how to establish, implement, monitor, and maintain an application security management system in line with ISO/IEC 27034. The course covers risk assessment methodologies, secure design and coding practices, vulnerability management, and how to integrate security controls within the software development lifecycle to enhance organizational security posture.

Target Audience

This course is designed for IT security professionals, application developers, software architects, project managers, and quality assurance personnel responsible for application security. It is also suitable for consultants and auditors seeking to support organizations in implementing ISO/IEC 27034-based security measures.

Pre-Requisites

Participants are expected to have a basic understanding of information security concepts, application development processes, and general IT management practices. Prior experience with ISO/IEC 27001 or other security standards is recommended but not mandatory.

Course Content

Module 1: Introduction to ISO/IEC 27034 and Application Security Principles

Module 2: Application Security Management System (AppSMS) Framework

Module 3: Risk Assessment and Threat Modelling for Applications

Module 4: Secure Software Development Lifecycle Integration

Module 5: Implementation of Security Controls and Best Practices

Module 6: Monitoring, Measurement, and Continuous Improvement

Module 7: Case Studies and Practical Implementation Exercises