

Understanding the Requirements of ISO/IEC 27001:2022 Information Security Management Systems (ISMS)



Course Duration: 2 Days

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Seminar Content

This 1.5-day course has been developed to cover all requirements of the ISO/IEC 27001:2022 standard and its Annex A controls; with the possibility to be combined with (Lead) Auditor training. The course includes definitions from ISO/IEC 27000:2018 (Information Security Management Systems – Overview and Vocabulary), Guidance from ISO/IEC 27003:2017 (Information Security Management System Implementation and Guidance). Group exercises and case studies will be used to develop the required skills.

Learning Objectives

- ✦ Understand the application of Information Security Management principles in the context of ISO/IEC 27001:2022
- ✦ Relate the Information Security Management system to the organizational assets, information security services, activities and operational processes
- ✦ Relate organization's context and interested party needs and expectations to the planning and implementation of an organization's Information Security Management system

Seminar Outline

Day - 1

- ✦ Fundamentals of Information Security Management Systems (ISMS)
- ✦ A process approach to Information Security
- ✦ What is an Information Security Management System (ISMS)?
- ✦ The purpose of ISO/IEC 27001 ISMS described.
- ✦ ISO/IEC 27001:2022 Requirements Descriptions
- ✦ ISO/IEC 27001:2022 Clauses
- ✦ Annex A
- ✦ Risk-based Thinking

- ✦ ISMS Risks
- ✦ ISMS Risk Assessment
- ✦ ISMS Risk Treatment
- ✦ Group Exercise 1: Risk Identification Discussion
- ✦ ISO/IEC 27001 Clause 4 – Context of the Organization
- ✦ ISO/IEC 27001 Clause 5 – Leadership
- ✦ Group Exercise 2: Audit Scenarios
- ✦ ISO/IEC 27001 Clause 6 – Planning

Day - 2

- ✦ ISO/IEC 27001 Clause 7 – Support
- ✦ ISO/IEC 27001 Clause 8 – Operation
- ✦ A look at and understanding of Annex A Controls
- ✦ Group Exercise 3: Audit Scenarios
- ✦ ISO/IEC 27001 Clause 9 – Performance Evaluation
- ✦ ISO/IEC 27001 Clause 10 – Improvement
- ✦ Group Exercise 4: Audit Scenarios
- ✦ Understanding ISMS Final Exam

Who Should Attend

This seminar is designed for Information Security and IT Managers, ISO/IEC 27001:2022 Implementation and/or Transition Team Members, Management Representatives, and all others who would like to develop competency in ISO/IEC 27001:2022.

Seminar Materials

Each participant will receive a seminar manual and a group workbook that includes practice in applying the requirements.

Note: Omnex does not provide copies of standard(s) during training courses, but clients are encouraged to have their own copy.

Pre-Requisite

An understanding of the ISO/IEC 27001:2022 requirements and/or work experience in applying controls for ISO/IEC 27001:2022 is recommended.

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