



Information Security Management System – Best Practices

Objectives

ISMS (Information Security Management System) is the management framework to protect Confidentiality, Integrity and availability of Information assets. The main objective is that the data are protected, accurate and available conveniently to the authorized persons. ISMS is a systematic approach to manage the information security issues of an organization through Policies, Procedure and Technologies. British Standard ISO 27001 is recognized as best management standard in this area. The implementation of controls of ISO27001 through the respective best practices (as in ISO 27002) is known to provide a comfortable level of assurance in the field of information security. This course will provide the participants with a deep insight of this Standard and relevant Best Practices. At the end of the two days of the course, the participants shall start looking at information security issues from the management perspective than purely from the technological angle.

Who should Attend

Eligibility Criteria (Pre requirement, if any)

- Senior Managers
- IT Managers
- System Managers
- Information Security Manager
- Information Security Auditors
- Persons involved in introducing ISMS

Knowledge on any management system like QMS or EMS will be an added advantage.

Duration

Three days (Full Time) followed by an examination.



Course Contents

Module 1: Overview of Information Security Management

What is information security?

What is information security management systems (ISMS)?

How ISMS can be established in an organization?

Benefits of ISMS.

Module 2: Standards and best practices for Information Security Management.

ISMS Standards – ISO 27001 / ISO 27002.

Information Security Management Best Practices.

Information Security Domains

Information Security Objectives

Information Security Controls

Module 3 : Information Security Risk Assessment & Management

What is Security risk and how to assess it?

Components of risk and their interrelationship

Valuation of asset (business impact), threats & vulnerabilities.

Risk Assessment methods

How to Manage Risks.

Case Study.

Methodology

Lectures, interactive sessions. Internal assessment during commencement of course

Benefits:

Delegates will learn about:

- Information Security Management System
- Purpose of an Information security management standard
- Security Standards: ISO 27001 and ISO 27002
- ISO27001 Security Controls and Best practices
- Information Security Risk Assessment & Management