



Information Security Risk Management

INTRODUCTION

ISO 27001 is explicit in requiring a risk assessment to be carried out before any controls are selected and implemented and is equally explicit that the selection of every control must be justified by a risk assessment. The risk assessment must, for each asset within scope, identify the threat/vulnerability combinations that have a likelihood of impacting the confidentiality, availability or integrity of that asset, from a business, compliance or contractual perspective.

Information security management decisions are entirely driven by specific decisions made as an outcome of a risk assessment in relation to identified risks and specific information assets. Risk assessment enables expenditure on controls to be balanced against the business harm likely to result from security failures.

COURSE OBJECTIVES

- Understanding the concept and importance of information security management
- Establishing the different stages of an ISMS and be confident using classification schemes
- Learning to scope and assess risks, including business impact and put in place controls
- Producing risk reports and to plan and document internal ISMS audits

COURSE CONTENTS

- Information security principles
- Information security management terminology
- Information Security Management System
- Overview of risk management standards
- Information security risk assessment
- Risk analysis
- Risk identification
- Asset valuation
- Identification of threats and vulnerabilities
- Identification of existing controls
- Identification of consequences
- Risk estimation
- Risk evaluation
- Risk treatment process
- Risk avoidance
- Risk transfer
- Selection of security controls
- Risk reduction and acceptance
- Legal, regulatory and contractual requirements

Who Should Attend

- Those who want to improve ISMS within their organisation
- Information security and governance practitioners
- Internal auditors, managers and senior staff working in IT
- Those working in compliance and operational risk
 - Project managers and those responsible for design information security systems.

PRE-REQUISITES

Delegates should be aware of ISO 27001 standard

COURSE DURATION: 3 Days

TRAINING HOURS: 15 hrs

FEES/TRAINEE: 450\$

MINIMUM NO. OF TRAINEES: 15

LANGUAGE : English / Arabic

