

ISO/IEC 27001: 2013 Information Security Management System (ISMS) Lead Implementer

Course Duration: 9 days

Course Overview

In this nine-day course, our experienced tutors teach you everything you need to know to be able to set up an ISMS that conforms to ISO/IEC 27001:2013 in an organization. You will cover the requirements of the standard and consider the state of your organization's current information security management practices in preparation to put in an ISMS. We will help you develop your skills and understanding of the practicalities involved when setting up a typical management system framework that conforms with the standard. This includes learning how to set up policies, processes and procedures for your ISMS.

Additionally, you will also focus on developing your project management ability to lead a team with the implementation of an ISMS in your business. This can be crucial if your ISMS will need to scale throughout your organization. An examination is held on the final day and successful delegates will be awarded the BSI Lead Implementer certificate. After attending the course and passing the examination, you will be able to play a pivotal role in ensuring your organization can set up an ISMS that is compliant to ISO/IEC 27001:2013.

Upon Completion

Candidates will have knowledge on the following topics:

- Understand ISMS implementation roles and responsibilities.
- How to define risks and impacts of data loss.
- To introduce ISO/IEC 27001 objectives, controls, policies and procedures.
- To deliver security awareness training.
- Understand the ISO/IEC 27001 certification process.

Who Should Attend:

- Those who will be involved in advising top management on the introduction of ISO/IEC 27001:2013 into an organization.
- Those who have the responsibility to lead the implementation of an ISMS in a business or provide consultation on the subject.

Course Agenda

DAY 1 & 2

- Reasons for an ISMS and important considerations.
- What is implementation.
- What is the implementation process and the process model?
- Interviewing leadership.
- Project scope and planning.
- Cost estimation.
- Steps in a project process.
- Developing a typical schedule for an implementation plan.
- Process approach.
- Plan-Do-Check-Act and ISMS.
- ISO /IEC 27001 structure, history and terms and definitions.
- High Level Structure.
- Management representative criteria.
- Review of day 1.

Day 3 & 4

- Gap analysis - stage 1.
- What are the gaps?
- Clause 4: Context of the Organization.
- Interested parties and information assets.
- Gap analysis - stage 2 asset register and asset classification.
- Clause 5: Leadership.
- Information Security Policy.
- Clause 6: Planning.
- Risk assessment.
- Risks - threats and vulnerabilities.
- Risk assessment tool - FMEA.
- Rating the risk and probability of risk.
- Review of day.

Day 4 & 6

- Clause 7: Support.
- Communication plan.
- ISMS documentation and document requirements.
- Clause 8: Operation.
- Security controls.
- Statement of applicability.
- Operational control measures.

- Clause 9: Performance evaluation.
- Clause 10: Improvement.
- Corrective actions and nonconformities.
- Certification.
- Review of day 3.

Day 7 & 8

- Implementation leadership and management.
- Leadership attributes.
- Project management.
- Brainstorming in project planning.
- Ishikawa/Fishbone.
- Gantt chart.
- Managing organizational change through Change Management.
- Skill sharing and delegation.
- Support and motivation.
- Specimen exam.
- Review of day 4.

Day 9

- Final questions/revision.
- Evaluation.
- Introduction to the exam.
- Exam.
- Reflection and feedback.