ISO/IEC 27001 Lead Implementer («HSL»)

This training enables you to develop the necessary expertise to support an organization in establishing, implementing, managing and maintaining an Information Security Management System (ISMS) based on ISO/IEC 27001.

Duration: 5 days
Price: 5'900.–
Course documents: Courseware and ISO standards

Content

1. st Day: Introduction to ISO/IEC 27001 and initiation of an ISMS
   - Course objectives and structure
   - Standards and regulatory frameworks
   - Information Security Management System (ISMS)
   - Fundamental principles of Information Security Management Systems
   - Initiating the implementation of an ISMS
   - Understanding the organization and clarifying the Information Security objectives
   - Analysis of the existing management system
2. nd Day: Plan the implementation of an ISMS
   - Leadership and approval of the ISMS project
   - ISMS scope
   - Information Security policies
   - Risk assessment
   - Statement of Applicability and top management's decision to implement the ISMS
   - Definition of the organizational structure of Information Security
3. rd Day: Implementation of an ISMS
   - Definition of the document management process
   - Design of security controls and drafting of specific policies & procedures
   - Communication plan
   - Training and awareness plan
   - Implementation of security controls
   - Incident Management
   - Operations Management
4. th Day: ISMS monitoring, measurement, continuous improvement and preparation for a certification audit
   - Monitoring, measurement, analysis and evaluation
   - Internal audit
   - Management review
   - Treatment of non-conformities
   - Continual improvement
   - Preparing for the certification audit
   - Competence and evaluation of implementers
   - Closing the training
5. th Day: Certification Exam

Key Learnings

- Acknowledge the correlation between ISO/IEC 27001, ISO/IEC 27002 and other standards and regulatory frameworks
- Master the concepts, approaches, methods and techniques used for the implementation and effective management of an ISMS
- Learn how to interpret the ISO/IEC 27001 requirements in the specific context of an organization
- Learn how to support an organization to effectively plan, implement, manage, monitor and maintain an ISMS
- Acquire the expertise to advise an organization in implementing Information Security Management System best practices

Methodology & didactics

- This training is based on both theory and best practices used in the implementation of an ISMS
- Lecture sessions are illustrated with examples based on case studies
- Practical exercises are based on a case study which includes role playing and discussions
- Practice tests are similar to the Certification Exam

Target audience

This training is intended to Managers or consultants involved in Information Security Management, expert advisors seeking to master the implementation of an Information Security Management System, individuals responsible for maintaining conformance with ISMS requirements and ISMS team members.

Certification

The exam covers the following competency domains:

- Domain 1: Fundamental principles and concepts of an Information Security Management System (ISMS)
- Domain 2: Information Security Management System controls and best practices based on ISO/IEC 27002
- Domain 3: Planning an ISMS implementation based on ISO/IEC 27001
- Domain 4: Implementing an ISMS based on ISO/IEC 27001
- Domain 5: Performance evaluation, monitoring and measurement of an ISMS based on ISO/IEC 27001
- Domain 6: Continual improvement of an ISMS based on ISO/IEC 27001
- Domain 7: Preparing for an ISMS certification audit

Additional information

- Certification fees are included on the exam price
- Training material containing over 450 pages of information and practical examples will be distributed
- A participation certificate of 31 CPD (Continuing Professional Development) credits will be issued
- In case of exam failure, you can retake the exam within 12 months for free

Further courses

- CISA – Certified Information Systems Auditor («CAM»)

Any questions?

We are happy to advise you on +41 44 447 21 21 or info@digicomp.ch. You can find detailed information about dates on www.digicomp.ch/courses-security/information-security-data-protection/course-isoiec-27001-lead-implementer

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