ISO/IEC 27001
ISMS LEAD IMPLEMENTER

DURATION: 5 DAYS

CYBER SECURITY

This course provides comprehensive and practical coverage of all aspects of implementing and maintaining an ISO 27001 project. Based on most recent version ISO 27001:2022 updated to include latest changes in the ISO/IEC 27002:2022 standard .If you are involved in information security management, writing information security policies or implementing ISO 27001 – either as a Lead Implementer, or as part of the planning/implementation team – this course will give you the all the key steps for implementing and maintaining a successful Information Security Management System.

WHO SHOULD ATTEND

- Project manager or consultant wanting to prepare and to support an organisation in the implementation of an Information Security Management System (ISMS)
- ISO 27001 Auditor who wants to master the Information Security Management System implementation process
- Person responsible for the Information security or conformity in an organisation
- Members of the information security team
- Expert advisors in information technology
- Technical experts wanting to prepare for an Information security function or for an ISMS project management function

LEARNING OUTCOMES

- Understanding the application of an Information Security Management System in the context of ISO 27001
- Mastering the concepts, approaches, standards, methods and techniques required in an effective management of an Information Security Management System
- Understand the relationship between the components of an Information Security Management System, including risk management, controls and compliance with the requirements of different stakeholders of the organisation
- Acquiring the necessary expertise to support an organisation in implementing, managing and maintaining an ISMS as specified in ISO27001
- Acquiring the necessary expertise to manage a team implementing the ISO27001 standard
- Develop the knowledge and skills required to advise organisations on best practices in management of information security
- Improve the capacity for analysis and decision making in a context of information security management

GET AHEAD OF THE GAME
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COURSE CONTENTS

1. INTRODUCTION
- Detailed presentation of the standards ISO 27001, ISO 27002 and ISO 27003 and regulatory framework
- Fundamental principles of Information Security
- Preliminary analysis and determining the level of maturity of the existing management of the Information Security based upon ISO/IEC 21827:2008
- Developing a project plan of compliance to ISO/IEC 27001:2005

2. PLANNING AN ISMS BASED ON ISO 27001
- Defining the scope of the ISMS
- Drafting the ISMS and information security policies
- Selection of the approach and methodology for risk assessment
- Risk management according to ISO 27005: identification, analysis and treatment of risk

3. LAUNCHING & IMPLEMENTING AN ISMS BASED ON ISO 27001
- Implementation of a document management framework
- Design of controls and writing procedures
- Implementation of controls
- Incident Management according to ISO 27035

4. CONTROL AUDIT OF THE ISMS ACCORDING ISO 27001
- Monitoring the ISMS controls
- Development of metrics, performance indicators and the dashboard in accordance with ISO 27004
- ISO 27001 Internal Audit
- Management review of the ISMS
- Preparing for the ISO 27001 certification audit

5. COURSE REVIEW & EXAM PREP