

Cyber Security, Information Governance, Legal Risk Management and Compliance with ISO Records Management Controls

INTRODUCTION

- In the new digitized world, all organisations are faced with increasing information threats, risk, audit, legal regulations and compliance. This highly engaging training course with practical and hands on case studies and workshops will help you to learn about cyber security, protection of data, reducing organisation risk, meeting global compliance standards, as well as privacy protection requirements and using ISO records management and ISO Information security management to deliver solutions.
- This Cyber Security training course seeks to provide you with the latest skills and case studies such as how to manage information, audit controls, manage legal regulations and standards, work more safely in an online world and how to protect sensitive and personal information. By applying these skills to the tasks and challenges you face in your work, you will deliver stronger and more compliant solutions to managing cyber related risks and applying information governance roles and responsibilities. If cybercrime were compared to other global criminal enterprises, it would rank fourth out of five high-impact crimes in terms of the cost as a percentage of the global gross domestic product (GDP), therefore focus on cyber security is a must for any enterprise working in the current data driven environment.
- This highly participative training course will address the data management principles, cyber security risks and mitigation measures, as well as networking essentials.

Participants attending this Cyber Security training course will develop the following competencies:

- Understand the elements of Data Life Cycle
- Learn how to identify cyber security threats
- Learn how to apply cybersecurity controls to help reduce risks, issues and threats through policy, strategies and systems
- Manage the increasing number of audit, risk and legal compliance standards
- Build solutions that meet ISO requirements in information security
- Apply the holistic approach to cyber security
- Understand the benefits and threats of new technologies like Cloud, Artificial Intelligence, Internet of Things and Blockchain

PROGRAMME OBJECTIVES

- Know how to determine cyber security risks in Data Management stages
- Develop skills in identifying and combating threats related to cyber security
- Learn about the whole range of cyber security risks, issues and threats and how to put effective controls and solutions in place
- Develop policy and communications to help address information governance, compliance and standards whilst addressing legal and audit requirements
- Understand how to communicate security awareness and training
- Improve cyber security strategies, review tools and discuss security, confidentiality and business solutions to reduce operational risks
- Improve working knowledge, global industry standards and best practices in cyber security and information risk management
- Learn how to apply ISO standards including ISO15489 Records Management Compliance and ISO 27001 Information security management to reduce threats and risks
- Get acquainted with new technologies like Cloud, AI, IoT and Blockchain

WHO SHOULD ATTEND?

- Technology Engineers, Chief Technology Officer (CTO) and Chief Information Officer (CIO)
- Chief Risk Officers
- Key Application Development and Data Research Personnel
- Professionals and leaders who wish to learn more about cyber security strategies, information governance and ISO standards
- Personnel who work in IT systems management, legal, risk management, information security, projects, HR and procurement
- Personnel moving into management and IT security roles who wish to learn about latest trends in cyber security, information audit and risk management

TRAINING METHODOLOGY

- The Cyber Security training course will combine presentations with interactive practical exercises, supported by video materials, activities and case studies. Delegates will be encouraged to participate actively in relating the principles of cyber security and information governance to the particular needs of their workplace. Above all, the course leader will make extensive use of case examples and case studies of issues in which he has been personally involved.

PROGRAMME SUMMARY

- This training course covers all the essential skills with best practice global standards to handle challenging cyber security and information governance requirements. In a connecting world where cyber security risks and threats are increasing, having the skills and knowledge to apply more effective solutions, policies and practices is important whilst understanding the latest increasing international compliance standards.

PROGRAM OUTLINE

Cyber Security and Information Security Management

- Introduction to cyber security
- Online threats, risks and issues
- Business continuity, fraud and disaster management
- ISO 27001 and its family of standards
- Data, information and records governance
- Establishing information governance, roles and responsibilities

Audit, Legal, Risk and ISO Standards

- Categorizing Physical and Electronic Risk
- Audit, legal risks and management of compliance
- Document and records management compliance
- ISO 15489 Records Management review
- Applying ISO27001 Information Security controls
- Developing policies, procedures and standards
- Current Threat and Trend Analysis

Project, Implementation and Training for the New Technologies

- Key Risk Indicator (KRI)
- Project implementation plans and controls
- Risk and issue management
- Developing business continuity plan
- Cybersecurity Incident Management
- Cybersecurity Crisis Management

Systems and IT Applications

- Network Protocols and Communications
- Network Access
- Firewalls, application and network security
- Role based access controls and user management
- Encryption technologies and standards
- Email and web security
- Cyber security systems

New Trends in Cybersecurity - Cloud, IoT and Blockchain

- Cloud types (public, private, hybrid)
- Blockchain technology
- Hacking principles
- Mathematics of hacking