



## **Enterprise Data Security and Risk Management**

**Course Venue:** UAE - Dubai

**Course Date:** From 26 Jan 2020 To 30 Jan 2020

**Course Place:** Boulevard Sheikh Mohammed Bin Rashid

**Course Fees:** 4150 GBP

**Objectives:**

- How to take control of Risk Management Programme and learn appropriate methods.
- How to identify and address risk and compliance issues as presented within a global economy.
- How to design and leverage Risk Management Programme to reduce cost and risk through effective prioritisation and processes.
- Appreciate legal, technical and management risk within the Enterprise Environment and how to quantify these effectively.
- Appreciate the external risk of cyber crime.
- How to measure the financial value of Data Security and Risk Management and communicate these to line executives effectively.
- How governance and risk management trends are affecting corporate enterprises.
- International Standards for Data Security and Risk Management and best practice for managing compliance for security, crisis management, disaster recovery and high resilience and availability.

**The Content:****Development of Enterprise Architecture**

- Introduction, Development and Role in Modern Enterprise
- Strategic, Tactical and Operational Considerations
- Key Considerations in Development of Enterprise Architecture
- Enterprise Architecture Project Management Considerations

**Objectives of Security and IT Security Management Risk Assessment and IT Risk Management**

- Categorising and Managing Risk
- Risk Analysis and Threat Identification Methodologies
- Vulnerability Analysis
- Understanding the need for effective Risk Management
- Legal and Regulatory Considerations
- Key Strategic and Security Considerations

**The Need and Benefits for Information Security**

- Electronic and physical risk
- Utilising Information Security to protect business assets
- Information and Data Risk Management
- Data and asset classification

**Data Security**

- Ensuring Information Security in an Enterprise Wide Environment
- Vulnerability Assessments
- Management and Technical Control Measures with Systems and Network Design

**Legal and Regulatory Considerations**

- Data Protection
- Intellectual Property



- Contracts and Commercial Liability

### **Data Sharing and Best Practice**

- Defining data classification and business ownership
- Establishing Memorandum of Understanding/Transfer Agreements
- Best Practice Guidance for data sharing
- Avoiding common errors and liability

### **Overview of International Standards and Best Practice Introduction to computer system design and enterprise design security**

- Types of electronic and management controls for electronic information
- Network, Operating System and Application controls and password schemes
- Ensuring Confidentiality, Integrity, Availability, Authenticity and Accountability
- Overview of ISO27002 Code of Practice for Information Security Management and Relevant Controls

### **Provisions and challenges**

- ISO 3100 Risk Management Principles and Guidelines
- Challenges within Enterprise Architecture and IS environments
- Common Oversights with Enterprise Architecture and IS Environments
- Risk Management and Compliance
- Success Factors for Effective Enterprise Data Security Management