

Information Security 5-day course

This course is for all Specialist Police officers ,
management, and staff within the public or private
industry.

Day 1 – Information security principles & Information risk

- Definitions, meanings and use of concepts and terms across information security management
- The need for, and the benefits of information security
- The threats to and vulnerabilities of information systems
- The processes for understanding and managing risk relating to information systems
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Day 2 – Information security framework & Security lifecycle

- How risk management should be implemented in an organisation
- General principles of law, legal jurisdiction and associated topics as they affect information security management
- The importance and relevance of the information lifecycle
- The stages of the information lifecycle.
- Concepts of the design process lifecycle
- Technical audit and review processes, effective change control and configuration management
- The risks to security brought about by systems development and support

Day 3 – Procedural/people security controls & Technical security controls

- The risks to information security involving people
- User access controls that may be used to manage those risks
- The importance of appropriate training
- The technical controls that can be used to help ensure protection from malicious software
- Issues relating to networks and communications systems

Day 4 – Technical security controls (cont.), Physical and environmental security issues, Disaster recovery & Business continuity

- Issues relating to value-added services
- Issues relating to organisations that utilise cloud computing
- Issues relating to information systems
- Physical aspects of security available in multi-layered defences and explain the environmental risks to information
- Differences between, and the need for disaster recovery and business continuity

Day 5 – Other security aspects, Virtual currency, Knowledge check & Debrief

- The principals and common practices, including any legal constraints and obligations of investigations and forensics
- The role of cryptography in protecting systems and assets, including awareness of the relevant standards and practices
- Introduction to Virtual Currency
- Knowledge Check
- Debrief



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