



Vulnerability Assessment



Course Description:

The Threat, Risk and Vulnerability Assessment (TRVA) has become one of the most integral elements of security risk management. Too often, security decisions are made without a clear understanding of the threat, and, vulnerabilities that impact a business and its assets. This course has been developed to allow delegates to gain an insight and a better understanding of the latest security planning and assessment concepts and solutions. The course will address and define Threat and Risk; what they are and how they affect security operations and assessment. It will define and assess Vulnerability, and how Risk, Threat and Vulnerabilities are intrinsically linked when mitigating risk.

Target Group:

- Security managers and practitioners
- Physical protection professionals
- Security consultants
- Critical infrastructure team
- Individuals who are looking to develop their security skills and professional knowledge

Prerequisites:

- Basic understanding of network security and security issues
- You should have an understand of:
 - o TCP/IP networking
 - o Network security goals and concerns
 - o The roles of firewalls and intrusion detection systems

Course Contents:

- Defining vulnerability, exploit, threat and risk
- Creating a vulnerability report
- Conducting an initial scan
- Common Vulnerabilities and Exposure (CVE) list
- Scanning and exploits
- Analyzing Vulnerabilities and Exploits
- Configuring Scanners and Generating Reports
- Risk Assessment
- Managing Vulnerabilities

