



Workshop #
IT Security (Cyber Attack)



By Mr David Olson

Introduction

Cybercrime and attacks are becoming more organized and established as a transnational business. High technology online skills are now available for rent to a variety of customers, possibly including nation states, or individuals and groups that could secretly represent a terrorist interest. You need only read the media to appreciate the current state of affairs of incidents which are made public, let alone those which go undisclosed. The increased use of automated attack tools by cybercriminals has overwhelmed some current methodologies used for tracking Internet cyber attacks, and vulnerabilities of a nations critical infrastructure, could possibly attract cyber attacks to extort money, or damage a commercial or national interest.



IT Security (Cyber Attack) within Oil and Gas programme will provide management and marine personnel responsible for Security of Corporate Marine Assets an overview of the risks, threats and best practice terms in the Middle East for addressing commercial vulnerability.

Target Audience

- Commercial Risk Managers, Information Security and IT Professionals
- Senior Management responsible for Security Operations of Oil and Gas Facilities

Workshop Content

- Overview of Computer Crime and Cyber Attack
- Key Elements of Cyber Crime
- Technology, Policing, and Investigation of Electronic Crime
- Ethical Hacking and Cyber Crime
- Civil and Criminal Considerations
- Case Study
- Current Trends in Cyber Crime
 - Identity Fraud & Identity Theft
 - Financial Fraud
 - Offences Against the Person
 - Computer Misuse
 - Sexual Offences
 - Intellectual Property
- Responding to Cyber Attack and Vulnerability
- Commercial and Legal consideration



Workshop Instructor

MR. David Olson

Mr. David Olson is a senior consultant with EuroMaTech, specializing in IT management, Networking, IT security, Telecommunications, wireless systems and Project management.

David has over 29 years of professional experience in IT systems management and security engineering, with responsibilities for all phases of system design and development, delivery of services and network architecture.

Prior to joining EuroMaTech David worked with the U.S. Department of Defense and the National Security Agency/ Central Security Service as a senior systems engineer with extensive experience in reconnaissance systems and automated intelligence analysis.

Mr. Olson previously worked in systems engineering for Digital Equipment Corporation, in the Federal Systems Area.

Mr. Olson holds degrees in Electrical engineering and Information systems management, and currently lectures in an E.U. sponsored technology program in Spain.

David has successfully presented over three hundred seminars to government clients and private concerns in North America, Europe, Asia and the Arabian Gulf.