



Threat and Vulnerability Analysis

Overview

In order to create an appropriate security solution for an organization you must first understand the problem that you are trying to solve with the solution. Threat and Vulnerability Analysis techniques utilize methodologies which attempt to quantify the capabilities and willingness of an adversary to attack a solution as well as the inherent weaknesses which exist within the solution. Once you understand these concepts you can then create appropriate countermeasures and risk management techniques which can turn potentially devastating attacks into an operation's anomalies. This presentation will discuss some of the key considerations which need to be addressed during a threat and vulnerability analysis activity and the best practices which are associated with this type of activity.

Syllabus

- Overview of Threat and Vulnerability Analysis
- Asset Identification and Classification
- Business Process Mapping
- Threat and Vulnerability Analysis OSI + Methodology
- Threat Level Assignment
- Threat Intelligence
- Final Thoughts

Who Should Attend

- Individuals who have the responsibility to define and secure information security programs within the enterprise
- Business executives who would like to understand the business impact of threats and vulnerabilities within their enterprise
- Information security auditors who are responsible for enterprise information security solutions
- Anyone would like to gain insight into the policies, processes, procedures, technologies, and concepts involved with threat and vulnerability management programs

Prerequisites

- Familiarity with basic information security technologies, concepts, policies, procedures, and techniques. No security background or technical background required.

Instructor

John P. Pironti is the President of IP Architects, LLC. He has designed and implemented enterprise wide electronic business solutions, information security and risk management strategy and programs, enterprise resiliency capabilities, and threat and vulnerability management solutions for key customers in a range of industries, including financial services, energy, government, hospitality, aerospace, healthcare, pharmaceuticals, media and entertainment, and information technology on a global scale. Mr. Pironti has a number of industry certifications including Certified in the Governance of Enterprise IT (CGEIT), Certified Information Systems Auditor (CISA), Certified Information Security Manager (CISM), Certified Information Systems Security Professional (CISSP), Certified in Risk and Information System Control (CRISC), Information Systems Security Architecture Professional and (ISSAP) and Information Systems Security Management Professional (ISSMP). He is also a published author and writer, highly quoted and often interviewed by global media, and an award winning frequent speaker on electronic business and information risk management and security topics at domestic and international industry conferences.