



Session #S23

Presenter:	Jeffrey Camiel
Presentation Title:	Wireless Systems Vulnerabilities, Threats, and Auditing
Abstract:	
<p>Wireless networks are replacing traditional hardwired networks and growing the number of endpoints at extreme rates. There is the standard wireless of the standard access point, but are you assessing the risk around wireless mobile systems, around wireless keyboards, Bluetooth networks, adhoc mesh-networks, wireless network bridges? As an IT auditor, it is your job to assess the threats and vulnerabilities related to wireless systems and architectures and explain the risks to management. To be able to do this, the auditor needs to understand the tools that are used and the methodology used by intruders used to “crack” wireless systems. This session will provide:</p> <ul style="list-style-type: none">• Live demonstrations of the threats and vulnerabilities related to 802.11 (WI-FI) and Bluetooth.• Demonstration of open source tools to detect and find weaknesses in wireless systems• Walkthrough of IT a wireless audit program.	
Target Audience:	
Skill level – Beginner, Intermediate and advanced Occupation – Audit, Security Occupational – All Levels	
COBIT Objectives:	
Monitor and Evaluate ME2 ME3	
Speaker Bio:	
<p>Jeffrey has 20 years experience managing and performing IS audits, security assessments (penetration testing and vulnerability assessments), compliance assessments, operational audits, and secure network design in the high tech, financial, insurance, and pharmaceutical industries. Jeffrey specializes in large network, application penetration and vulnerability assessments, and privacy and compliance readiness. Jeff has developed and managed technology security research and education labs for various consulting firms. Jeff is the Director of Technology Risk Management for Jefferson Wells and manages the Technology Risk Research and Education Center.</p>	