
Off-Line

The SC Midlands Chapter of the Information Systems Audit & Control Association

CHAPTER 54

OCTOBER 2006

November Seminar:

Incident Response and Digital Forensic Investigation

The November seminar is a full-day training event featuring two highly experienced and recognized experts in the field of computer crimes, fraud, forensics, and incident response.

In today's environment, data security and privacy is of vital importance. The risk of a security breach is growing daily. Every business is becoming more dependent on information technology and this technology brings with it inevitable vulnerability. These vulnerabilities are what cyber-attackers exploit. They combine several methods of attack and propagation into a "blended threat" that has the ability to impact organizations in many ways, exploiting multiple methods to rapidly attack within and outside the business.



This seminar presents an in-depth approach for identifying, investigating, and responding to cyber-security incidents and for conducting a digital forensics investigation. Topics include:

- Introduction to Threats
- Investigative Methodology of Incident Response
- Legal Aspects of Cyber Investigations
- Digital Forensic Investigations
- War Stories: Do These Things Really Happen

In this presentation, you will learn how hackers penetrate and attack telecommunications and network systems and the solutions available. You will learn how many legitimate tools can be used for illegitimate purposes and how web-distributed tools allow "script kiddies" to exploit system vulnerabilities without understanding what they're doing. You will see how to scope an investigation and follow accepted forensics protocols, and you will see how electronic evidence is fragile and can easily be altered, damaged, or destroyed. Best of all, you will have the opportunity to discuss these topics with two leaders in the field of data security and forensic investigations - Bob Schperberg and Ed Simonson from TeleDesign Security, Incorporated.

About the Speakers:

Robert Schperberg is Vice-President of TeleDesign Security, Incorporated. In this role, he fully utilizes his expert standing conducting Major Crimes and High Tech investigations, as well as overseeing the integrity of day-to-day business operations, developing business strategies, processes, and practices. Robert has developed awareness techniques, policies, procedures, standards, and training programs in the areas of Network, Internet, and Telecommunication security, and Computer Fraud and Forensics. These programs include terrorist threat management, physical security, bomb threat response awareness, violence in the workplace, sexual harassment, and Computer and Telecommunications Forensics Investigations.

Prior to joining TeleDesign, Robert was Director of the Incident Response and Digital Forensics Division for Predictive Systems' Global Integrity Information Security Division. His assignments included conducting Information Security, Incident Response and Digital Forensics Investigations for the Department of Defense, conducting High Tech Forensics training for the FBI's National Information Protection Center's NSA team, and providing High Risk and High Tech Incident Response training for MCI and the Denver Downtown Business Association during the Oklahoma bombing federal trial. Robert had a meritorious career with MCI providing leadership in the areas of corporate security and computer/telecom fraud investigations. He was instrumental in the inception of MCI's Enterprise Security Task Force's rapid deployment. MCI recognized Robert's contributions by awarding him with two of their highest achievement honors: Hero Of The Year and the Ring Of Champions.

Robert's representative work accomplishments include:

- Building a complete incident response program for a large US retail company, a large global financial services company, and a large global telecommunications company.
- Performing digital forensics investigations for multiple Fortune 500 companies.
- Conducting digital forensics training for a large investigative US government agency.

Robert has authored several professional articles on security, and is well known as a speaker at numerous security and audit conferences, seminars, and workshops. He has been a Guest Speaker at the following National & International Conferences:

- Keynote Speaker at the Shirahama Computer Crime Symposium, Osaka, Japan
- ISACA International Asian Conference, Tokyo, Japan
- Keynote Speaker, CACS/ISACA International European Conference, Budapest, Hungary
- Computer Security Institute (CSI)
- NASA: Moffett-Field, California, Ames Flight Training Center (Huntsville, Alabama) and Lewis Research Center (Cleveland, Ohio)
- Air Force (El Segundo, CA & Wright Patterson AFB, Dayton, OH)
- American Correctional Association CFAA (Computer Fraud Crime Association)
- NAAG (National Attorney General's Association)
- Certified Fraud Examiners Association
- California Fraud Investigators Association
- ISSA (Information Security Systems Association)

Ed Simonson and his partner formed TeleDesign Security, Incorporated in 1992. TeleDesign managed and provided consultation to firms on communications service and security issues. TeleDesign joined MCI's Affiliate program and Siemens Communications in 1996, to conduct customer premises equipment security audits for both their nationwide security programs.

Ed has been in the telecommunications business for 34 years. During that time he has held positions with Pacific Telephone, Continental Telephone, Sugar Land Telephone and AT&T. In that time, he has also held positions in the communications industry that include Marketing Manager, National Account Manager and Liaison Manager. These positions have been between the Department of Justice and Pacific Telephone on the California Law Enforcement Telecommunication network.

Ed has conducted Fraud Audits for Pacific Telephone, MCI, AT&T, independent telephone companies, and organizations in both the private and public sectors. He has been stopping telecommunication theft and toll fraud since 1967. He has participated in and conducted numerous professional and end user sessions on the prevention of unauthorized remote access.

Ed has been published in TelCom Reseller, Teleconnect Magazine, and the AT&T Definity Toll Fraud Prevention Users Guide to educate end users to the dangers of Hackers and Phreakers. He has appeared on television in the San Francisco Bay Area discussing toll fraud. He has also been a featured speaker throughout the United States describing Hacking and Phreaking techniques along with the corresponding protection and/or detection methods. Ed's speaking engagements include:

- AT&T Definity Users Group: Hacker/Phreaker Protection Training
- National Association Of Telephone Distributors (NATD): Client Protection from Unauthorized Remote Access
- State of California, Department of Justice: Toll Fraud Investigation and Protection
- State of Oregon, Attorney Generals Staff: Voice Communication Protection
- State of Oregon, Department of Human Resources: Hacker/Phreaker Protection Training
- Salt Lake Regional TCA: Hacker/Phreaker Protection Training
- Minneapolis MTA: Your PBX and Unauthorized Use, How and Why!
- Association Of Colleges and Universities Association (ACUTA): Unauthorized Remote Access
- Puget Sound TeleCommunication Association (TCA) Regional Meeting: Hacker/Phreaker Protection Training
- San Francisco Bay Chapter of TCA: Hacker/Phreaker Protection Training
- National TCA: Hacker/Phreaker Protection Training, Toll Fraud Awareness and Protection Methods
- Department of Justice, Washington, DC: PBX Protection Training
- Federal Reserve Board, San Antonio, TX: Hacker/Phreaker Protection Training
- Mr. Simonson is a regular speaker at both NetSec and CSI on Unauthorized Remote Access Protection and Detection subjects.

NOVEMBER 2006 * ISACA CHAPTER MEETING**DATE:**

Thursday, November 2

Time:

Registration: 8:30 AM

Presentation: 9:00 AM

CPE / COST

8 Hour / \$ 75.00

Includes lunch

LOCATION:

Saluda Shoals Park – FB Johnston Room

5605 Bush River Rd

Columbia, SC 29210

803-731-5208

REGISTRATION:

Contact Ernie Mehaffey by Wednesday, October 25

803-217-6189 (emehaffey@scana.com)

Saluda Shoals Park, developed and managed by the Irmo-Chapin Recreation Commission, is one of the newest parks for the Columbia and Midlands areas. It is a regional park unlike any in the United States. The park, at 5605 Old Bush River Road, is located on the banks of the lower Saluda River, approximately eight miles west of the Riverbanks Zoo. It is situated on 270 acres of land off of Bush River Road near St. Andrews Road.

Directions:

- From Columbia, take I-26 west toward Spartanburg.
- Exit Piney Grove Road and turn left.
- Proceed approximately 1.5 miles to St. Andrews Road.
- Turn right, then left at the first traffic light.
- Saluda Shoals Park will be 1.5 miles on your left.

