

*"Today, we have a billion devices that are accessing the Internet. Our economies are entangled in this Internet sea, and it's an outlaw sea. Nothing exists in the norms of behavior. There is a military aspect to it, but it's all of society. At some point, there needs to be a very global conversation on this challenge."*

James G. Stavridis, Navy Admiral, NATO's supreme allied commander for Europe, and commander of U.S. European Command

117,339 expected cyberattacks each day

Average annual costs caused by cyber crime in the United States as of August, 2015, by industry sector (in million U.S. dollars)

# The 2017 Cybersecurity Conference

***"2017 will be a year when political shifts and technological advances by nation-states and criminal hackers will combine to create an unprecedentedly complex cyber threat landscape."***

Luca Berni, Forbes Magazine *What's In Store For Global Cyber Security In 2017*

Last year's event was so well-received that the Tennessee Department of Safety & Homeland Security, The Tennessee Fusion Center and Central Service Association are proud to once again sponsor the 2017 Cybersecurity Conference. The conference brings together individuals from education, government and industry to share in the latest information, strategies, best practices and innovative solutions to address today's challenges in cyber security.

The program will include presentations from the U.S. Department of Homeland Security, Tennessee Department of Safety and Homeland Security, FBI, and private sector cyber security partners. They will address business and industry intrusions, incident handling and response, identifying vulnerabilities, understanding threats, and designing strategies for security. Specific topics include Multi-State Information Sharing & Analysis, Strategies for Securing Your Enterprises (from someone who robs banks & enterprises for a living!), and Data Privacy Management, amongst others. There will also be an interactive, live "Man-in-the-Middle" attack (MiTM is a common network vulnerability where the attacker secretly relays and possibly alters the communication between two parties who believe they are directly communicating with each other).

There will also be demonstrations of:

- VoIP - capturing data packets and reassembling into an audio file - we'll capture a live voice from phone to phone contact and reassemble
- SCADA - How an attacker can use various applications and software to manage SCADA/PLC. Our demo will have us turning a water pump on and off and infusing red dye into the water.
- Password Capture - telnet, http, https and more – we will capture a live login's password along with modern wireless equipment. And, of course, demonstrate how to protect against these threats

This exciting, highly informative conference will be held at the **Memphis Cook Convention Center** in Memphis, Tennessee, on **Tuesday, June 6th and Wednesday, 7th, 2017!** Regular Admission is FREE. Space is limited and available on a first come-first served basis. Information, agenda and registration are available thru our website at

<http://www.2017cyberconf.com>





# Memphis Cook Convention Center

The Center is at 255 N Main Street. Located in Downtown Memphis, the Memphis Cook Convention Center boasts a column free Main Exhibit Hall with more than 125,000 square feet, 31 meeting rooms and an impressive 2,100 seat Cannon Center for the Performing Arts (additional 28,000 sq. foot Ballroom). Plus, the Memphis Cook Convention Center offers a 300,000 sq. foot special exhibit hall, four levels of on-site parking totaling 910 spaces, 22 handicap and 9 truck (40-foot) spaces and a connected 600 room Sheraton Memphis Downtown Hotel.

## Our Speakers

### **Peter Gallinari, Chief Data Privacy Officer (State of Tennessee)**

Peter has held positions in leading financial/banking and health care institutions in the NY & CT area for 39 years prior to coming to the State of Tennessee in 2013. Former positions as: Chief Security Officer (CSO) at GE Capital, Chief Security Officer for three hospitals in NY. He holds a number of certifications in multiple IT fields. Strong working and leadership knowledge of compliance and regulatory controls in the areas of: HIPAA (Health Insurance Portability Act), PCI (Payment Card Industry), FTI (Federal Tax Information – IRS), FISMA (Federal Information Security Management Act), CJIS (Criminal Justice Information Services), FERPA (Family Education Rights and Privacy Act), SOX (Sarbanes-Oxley Act), GLBA (Gramm-Leach-Bliley Act).

### **Klint Walker, Cyber Security Advisor (U.S. Dept of Homeland Security)**

Klint Walker is the newly appointed Cyber Security Advisor for Region IV which covers Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, and Tennessee. With 17 years of Cyber Security experience in both the government and private sector, Klint provides expertise to assist critical infrastructure owners and operators to improve their cyber security posture. Additionally, he provides support and guidance for State, Local, Territorial and Tribal government cyber security programs. Mr. Walker has previously held positions as an Information Systems Security Officer for the Department of Health and Human Services and Chief Information Security Officer for the National Air and Space Intelligence Center (NASIC).

### **Steve Mallard, IT Manager / Sr. Instructor at the Tennessee College of Applied Technology - Shelbyville**

Steve has 20+ years of experience in the Information Technology field and is a Master Teacher of Computer Information Technology. Steve also serves as a private consultant for government organizations, higher-education and private corporations. His certifications include: MCT, CEH, CNDA & Technical Writer

### **Erik Kamerling CISSP, Senior Director of Cyber Security Technology (Multi-State Information Sharing and Analysis Center (MS-ISAC))**

Erik is a Senior Director at The Center for Internet Security with nineteen years of experience in the fields of advisory and consulting, network security assessment, penetration testing, vulnerability research, monitoring/incident response, and fundamental security research. Erik has held lead positions at Mandiant, Symantec, RSA, and the SANS Institute.

His role at the Center for Internet Security is to spearhead technology developments for the MSISAC. His current projects include global honeynet operations that study breaking threats that

target SLTT entities, leading hunting and patrolling initiatives in the MSISAC, driving new capabilities in Albert network engineering, and security community outreach.

He enjoys writing and research on cyber intelligence topics and has driven the development of keynote speeches, research presentations, course-ware, advisories, papers, and hacking and penetration testing classes taught in a variety of venues. He spends his spare time researching and working on new techniques in information hiding, detection evasion, communications subterfuge, parasitic computing, and vulnerability identification.

### **Betsy Woudenberg, President and CEO - Intelligence Arts**

Betsy is the founder and CEO of Intelligence Arts, a security consulting firm based in the Washington DC area. She is a former U.S. Intelligence officer with experience in cyber operations and telecommunications and is an internationally recognized expert on the human and technical risk factors in critical infrastructure security.

### **Jayson E. Street, Founder of Stratagem 1 Solutions**

Jayson has over 20 years of Information Security experience working for several national financial institutions and consulting companies. He is the founder of Stratagem 1 Solutions which provides comprehensive network profiles from the malicious hacker perspective. He is also the author of "Dissecting the hack: The F0rb1dd3n Network" and creator of the site dissectingthehack.com. He has spoken at DEFCON, DerbyCon, UCON & at several other 'CONs around the world & many institutions of higher learning on a variety of Information Security subjects.

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