

SPEAKERS

Federal Facilities Council Workshop: Cyber Resilience of Building Control Systems

Day One Keynote Speaker:



Steve Stockman

**Former Representative (TX 36th District) 2013–2015,
Representative (TX 9th District) 1995–1997**

Steve Stockman served in the United States House of Representatives from Texas from 2013 to 2015, and from 1995-1997. During his terms in Congress, he served on the Committee on Science, Space and Technology, the Subcommittee on Research and Technology, the Committee on Science, the Subcommittee on Energy, and the Subcommittee on Environment, among others.

Congressman Stockman worked to rebuild a strong national defense, including defense against threats in the cyber, EMP and other non-traditional realms. He authored bills, resolutions and amendments on science, defense, and security issues. He also served on key Congressional Caucuses for national security and technology.

Steve holds a B.S. in Accounting from the University of Houston-Clear Lake. He and his wife of 25 years, Patti, live in Texas.



Susan Stevens

Department of Homeland Security

**National Protection and Programs Directorate
Office of Cyber and Infrastructure Analysis**

Susan Stevens has had a full career as a federal analyst for the Federal Bureau of Investigation and DHS on topics ranging from strategic issues during the Cold War to organized crime, counterintelligence, espionage investigations, counter-terrorism, and infrastructure security and resilience. In the last two decades she has focused on developing analytic capabilities to better understand the impact of cyber incidents on infrastructure functions, organizations, individuals and the nation.

Ms. Stevens uses her position in DHS's Office of Cyber and Infrastructure Analysis to develop analytic capabilities and collaborative relationships to get ahead of such risks, and clarify opportunities for proactive treatment of risks.



KEVIN M. DULANY

Chief, Risk Management Framework Division

Cybersecurity Strategy, Policy & Workforce Directorate

DoD Deputy Chief Information Officer for Cybersecurity

Kevin Dulany provides oversight of DoD's transformation to the Risk Management Framework (RMF); chairs the RMF Technical Advisory Group (TAG); is the RMF Advisor to the Information Security Risk Management Committee; is the DoD Tri-Chair for the Sub-Committee for the Committee on National Security Systems (CNSS); supports DoD's Cloud Security efforts; and is the DoD's Technical

Representative to the Federal Risk and Authorization Management Program.

Kevin is a retired U.S. Marine (Master Sergeant) and was the USMC Information Assurance Chief for 4 years prior to retirement in 2004. After retirement he worked at the Joint Interoperability Test Command as the Exercise Support Team Lead which conducted IA/Computer Network Defense (CND)/Cybersecurity assessments and was also responsible for IA Metrics development and IA policy support to U.S. Africa Command.

Mr. Dulany holds CISSP, CISM, CISA, and CAP certifications, and is a recipient of DISA's Outstanding Testing Professional of the Year Award (2008), Army Research Lab's Partnering Award (2013), and was a Federal 100 Award winner (2013).



Marty Edwards

Assistant Deputy Director, National Cybersecurity and Communications Integration Center (NCCIC)

Director, Industrial Control Systems Cyber Emergency Response Team (ICS-CERT)

Marty Edwards is the Director of the Industrial Control Systems Cyber Emergency Response Team (ICS-CERT), an operational division of the department's National Cybersecurity and Communications Integration Center (NCCIC) and the DHS Office of Cybersecurity and Communications (CS&C).

Mr. Edwards has over 20 years of experience and brings a strong industrial control system industry focus to DHS. Before coming to the ICS-CERT, Mr. Edwards was a program manager focused on control systems security work at Idaho National Laboratory. Prior to his work at the laboratory, Mr. Edwards held a wide variety of roles in the instrumentation and automation fields, including field service, instrument engineering, control systems engineering and project management.

The ICS-CERT is the recipient of the 2013 SC Magazine Security Team of the Year award.



Dr. Will Morrison, CPP
Supervisory Security Specialist
Federal Aviation Administration

Dr. Will Morrison currently chairs the Interagency Security Committee's Convergence Subcommittee, and co-chairs of the Modernized Physical Access Working Group which is part of the Federal Chief Information Officer Council, Information Security and Identity Management Committee (ISIMC), Identity, Credential and Access Management Subcommittee (ICAMSC). He manages the FAA's Office of Security Policy, Standards, and Efficiencies. Dr. Morrison joined the FAA in 2009 after working with the National Aeronautics and Space Administration (NASA) Office of Security and Program Protection (OSPP) where he served as the Agency's Identity and Access Control Management Official overseeing the agency's efforts to implement Homeland Security Presidential Directive 12 (HSPD-12).

Before beginning his career in the federal civil service, Dr. Morrison served as a security and telecommunications specialist for the Coast Guard, retiring with over 22 years of active duty service. Dr. Morrison earned a Bachelor of Science degree in Telecommunications Systems Management from Capitol College, a Master of Arts degree in Business and Organizational Security Management from Webster University, and a Doctorate of Philosophy in Homeland Security Leadership and Policy from Northcentral University in Prescott Valley, AZ. He also holds international certification as a security management professional (Certified Protection Professional (CPP)).



Joseph Hagerman
US Department of Energy
Energy Efficiency and Renewable Energy Office

Joseph Hagerman is a Senior Advisor at the U.S. Department of Energy's (DOE) Energy Efficiency and Renewable Energy Office focusing on building energy efficiency and new building technology development. Mr. Hagerman oversees the Building Technologies Office's grid integration activities, various federal regulatory matters, and new initiatives including smart and connected equipment, cybersecurity in buildings, and interoperability.

Before joining DOE, Mr. Hagerman was the project manager for the Building Technologies group at the Federation of American Scientists (FAS). At FAS, Mr. Hagerman conducted research in new building technologies while demonstrating these technologies in the public sector. His efforts helped address environmental and energy injustice in affordable housing.

Mr. Hagerman received his Bachelor of Architecture from Mississippi State University and his Masters in Civil Engineering at the Fu Foundation School of Engineering at Columbia University.



Keith Stouffer

NIST Engineering Lab

Keith Stouffer has been with the Engineering Lab at NIST for 25 years focusing on Industrial Control System (ICS) security since 2000. Keith is the lead author of NIST Special Publication 800-82, Guide to Industrial Control Systems Security, which provides guidance on how to secure ICS while addressing their unique performance, reliability and safety requirements. Keith has also provided input to the ISA/IEC 62443 and NERC CIP security standards.

During his career, he has received Gold and Bronze Medals from the Department of Commerce and the Gov30 Security Award. Keith holds a Master's degree in Computer Science from Johns Hopkins University and a Bachelor's degree in Mechanical Engineering from the University of Maryland.



John Conger

Performing the Duties of Assistant Secretary of Defense for Energy, Installations and Environment

John Conger is performing the duties of Assistant Secretary of Defense for Energy, Installations and Environment. Previously, he was the Acting Deputy Under Secretary of Defense for Installations and Environment from September 14, 2012 to December 19, 2014.

Mr. Conger is DoD's designated Senior Real Property Officer. Previously, Mr. Conger was employed in the private sector as an aerospace engineer and defense analyst supporting the Office of the Secretary of Defense. In this position, he provides budgetary, policy and management oversight over the DoD's \$850 billion real property portfolio, which encompasses more than 500 installations, 500,000 buildings and structures, and 28 million acres.

He holds a B.S. and an M.S. in Aerospace Engineering from the Massachusetts Institute of Technology and an M.A. in Science, Technology and Public Policy from the George Washington University.

Emile Monette

Director of Cyber Security, Resilience, and Risk GSA's Office of Government-wide Policy

In his current role, Mr. Monette supports GSA's executive leadership and operational management, providing guidance on how to address cybersecurity and supply chain risk in agency policies, acquisitions, and building operations. He leads the DoD-GSA working group responsible for government-wide acquisition reforms to improve cybersecurity and resilience, and is GSA's primary liaison to the private sector and interagency stakeholder communities on matters related to cybersecurity in acquisition. Mr. Monette has held a variety of positions in the Executive and Legislative branches of the U.S. Federal government, including Senior

Advisor in the Executive Office of the President, Professional Staff Member with the House of Representatives Committee on Oversight and Government Reform, and service as an active duty Air Force officer. He is a graduate of the George Washington University Law School and a veteran of Operation Iraqi Freedom.



Don Davidson

Chief, Cybersecurity Lifecycle Risk Management and CS/Acquisition Integration Division

Office of the Deputy DoD Chief Information Officer for Cybersecurity (DCIO-CS)

Don Davidson has 41+ years of federal service, to include 11 years active duty military, with a Bachelor of Science degree in Engineering from USMA at West Point NY and a Master of Science degree in National Security Strategy (and Information Resource Management) from the National War College at National Defense University. He co-chairs Supply Chain Risk Management (SCRM) efforts in international, public/private, interagency & DoD: Information Communications Technology-SCRM (Ad-Hoc) WG under ANSI / INCITS, improving SCRM-related ISO standards; SCRM WG1 in the DHS Software & Supply Chain Assurance (SSCA) Program; interagency WG on SCRM, implementing CNSS Dir 505; and DoD Trusted Systems & Networks (TSN) Round Table, implementing DoDI 5200.44.



Jeffrey A. Koses

Senior Procurement Executive U.S. General Services Administration

Jeffrey A. Koses is a Senior Procurement Executive for the General Services Administration. He has three priorities: 1) strengthen the acquisition workforce, 2) smart and effective buying, and 3) healthy and productive industry relationships. Jeff and his team are currently developing tools and strategies to advance these priorities. He is also a voting member of the Federal Acquisition Regulatory Council.

From 2008 through 2014, Jeff was Director of Acquisition Operations within the Federal Acquisition Service, where he led several Federal Strategic Sourcing Initiatives, created GSA's premiere vehicle for integrated professional services, managed 25 multiple award schedules with annual sales of over \$22 billion, oversaw acquisition for GSA Global Supply, and supported emergency acquisition. Prior to that, Jeff directed the Office of Contract Management and played a host of both operational and policy roles.

Mr. Koses holds a Bachelor's degree in History and Political Science from Washington University in St. Louis, MO. He also holds a Master's degree in Acquisition Management.



Richard Tyler
Navy Facilities Command (NAVFAC)
Atlantic Division

Richard (Rick) Tyler translates federal energy mandates into design and construction criteria to deliver and maintain quality, sustainable facilities for the Department of Navy. Additionally, he oversees development of guidance (criteria) for cybersecurity of facility-related control systems. Rick spent the better part of his career as an electrical design engineer for Navy facilities. In 2009, Rick was named the NAVFAC Atlantic Engineer of the Year. Since 2012,

Rick has served NAVFAC Atlantic as the Energy Criteria Manager in the Capital Improvements Engineering Criteria and Programs Office.

A native of Virginia, Rick received a Bachelor of Science degree in Electrical Engineering from Old Dominion University in 1992 and a Masters of Business Administration from the College of William and Mary 2008. He is registered as a Professional Engineer in the Commonwealth of Virginia, a member of the Acquisition Professional Community and is a graduate of NAVFAC's Leadership Development Program (Level III).

Rick currently resides in Newport News, VA with his wife Shannon. Together, they are the proud parents of one son and two daughters, and are active in their community and church.

David Seaton

Global Network Exploitation Vulnerability Analyst
National Security Agency, Control Systems Division

David Seaton has 9+ years of military experience with the U.S. Air Force as a founding member of the 609th Information Warfare Squadron, the first U.S. military operational unit focused on information warfare, and 13+ years of enterprise and federal civilian experience. He is currently a member of NSA's Fusion, Analysis, and Mitigation (FAM) SCADA Team providing research and development of new capabilities to help defend DoD Industrial Control Systems. He is also the project lead for GRASSMARLIN, an open-sourced government developed passive network mapping tool. In these roles Mr. Seaton performs network traffic analysis, software evaluation, software testing, and software programming along with handling customer engagements, providing presentations, and training.



Ronald J. Zimmer, CAE
CABA President & CEO

Ron Zimmer joined CABA in 1997 working with industry leaders who promote integrated systems and home/building automation throughout the world. CABA's members include manufacturers, dealers, installers, service providers, energy

utilities, builders, consultants, research organizations, publishers, educational institutions, governments, associations and content providers.

In addition to working closely with the CABA Board of Directors, Ron is actively involved with a number of industry committees/councils including the CABA Intelligent & Integrated Buildings Council, CABA Connected Home Council, and represents CABA on the Automation Federation Board of Directors. He is also on the Advisory Board for IBcon, an intelligent buildings conference hosted by Realcomm. He also serves on the SmartGrid Canada Board of Directors.

Ron was instrumental in establishing the CABA XML and Web Services Committee (oBIX), which now resides with OASIS. He was also on the transition team that integrated the Internet Home Alliance into CABA, which became CABA's Connected Home Research Council.



Barry Hansen

CSET Lead

ICS-CERT

Barry Hansen has 15 years of software development and cybersecurity experience. He leads a small team that is making a difference in the nation's cybersecurity. By providing step by step guidance and tools, industrial control system and information system operators can be guided through a disciplined and thorough approach to security that reduces overhead and centers the focus of a cybersecurity program on correcting vulnerabilities and implementing mitigations.

His work with large and small organizations from NIST, NSA, Navy, nuclear industry, water sector, and small business has provided insight into cybersecurity policy, procedure, and automation.

Mr. Hansen recently completed a CISSP certification, and a Master's degree in Computer Science, all while attending kids sporting events, concerts, and enjoying the joys of being a father.



Robert Tamburello, Ph.D.

**National Cyber Range
Test Resource Management Center**

OUSD (Acquisition, Technology & Logistics)

Dr. Robert Tamburello currently serves as the Deputy Director of the National Cyber Range (NCR) within the Test Resource Management Center (TRMC) at the Office of the Under Secretary of Defense for Acquisition, Technology and Logistics (OUSD (AT&L)). The mission of the NCR is to provide secure facilities, innovative technologies, repeatable processes, and the skilled workforce to create high-fidelity, mission representative cyberspace environments and facilitate the integration of the cyberspace T&E infrastructure through partnerships with key stakeholders across DoD, DHS, industry, and academia. Dr. Tamburello previously served as the Division Chief for Mounted Systems at the U.S. Army Evaluation Center, responsible for the

operational suitability evaluation of more than 250 ground-based systems such as the Abrams Main Battle Tank and the Bradley Fighting Vehicle.



Alan Wade

President, Wade Associates Inc.

Alan Wade graduated from Virginia Tech in Blacksburg, Virginia in 1973, receiving a Bachelor's degree in Electrical Engineering. In 1978, he received his Master's degree in Electrical Engineering from the George Washington University in Washington, D.C., and retired from federal service in 2005 after a thirty-five-year career in the Central Intelligence Agency.

Alan held a series of senior positions at CIA, including the Director of Communications, Director of Security, and Chief Information Officer. He retired as the Chief Information Officer, a position he held since 2001, in which he was dual-hatted as the Chief Information Officer for the United States Intelligence Community. During his federal career, Alan's contributions were recognized several times. He is a recipient of the National Intelligence Distinguished Service Medal, the Director's Medal, and the Distinguished Intelligence Medal.

Since retirement, Alan has worked with several early stage companies. He served on the boards of Safeboot N.V. (acquired by McAfee in 2007), Detica DFI (acquired by BAE Systems in 2008), Composite Software (acquired by Cisco in 2013) and Applied Communications Sciences (acquired by The SI Organization in 2013). He currently serves on the boards of the Aerospace Corporation in El Segundo, CA, Professional Project Services in Oak Ridge, TN and Assyst Inc in Herndon VA. Additionally, Alan serves on public sector advisory boards of several technology companies.

Alan lives in Annandale Virginia with his wife and two children.



Preston Futrell

Vice President of Sales and Marketing

NexDefense, Inc.

Prior to NexDefense, Preston served as Vice President of Sales and Business Development at Reflex Systems, a technology startup delivering a software solution for managing and securing virtual and cloud infrastructures. Previously, Preston spent over a decade at Internet Security Systems (ISS) where he fulfilled a variety of leadership roles, including Director of Services Sales where he

facilitated the creation of the Managed Security Services business. At the time of ISS's acquisition by IBM, Preston was leading the Americas Group service business team, which had grown to almost \$100M a year in sales under his watch. Preston earned his Bachelor of Science degree from Northwestern University.



Jonathan Butts, PhD
QED Secure Solutions
Founder

Dr. Jonathan Butts is a retired Air Force officer and founder of QED Secure Solutions. He served as research director for the Air Force Center for Cyberspace Research at the Air Force Institute of Technology and is the Committee Chair for the IFIP Working Group on Critical Infrastructure Protection. He developed the Air Force critical infrastructure protection lead research and development capability and has served as technical director for cyber security efforts supporting Presidential-directed projects. He has presented at prestigious security conferences around the world and is a respected published author on various topics including critical infrastructure protection, malware analysis, protocol verification and operationalizing military actions in cyberspace. Jonathan has performed research and worked extensively with the Department of Defense, Department of Homeland Security, Department of Energy, National Security Agency, Central Intelligence Agency and U.S. Secret Service. Jonathan holds a PhD in Computer Science from the University of Tulsa.



John Pescatore
SANS Institute

John Pescatore joined SANS in January 2013 with 35 years' experience in computer, network and information security. He was Gartner's lead security analyst for 13 years, working with global 5000 corporations and major technology and service providers. Before joining Gartner Inc. in 1999, he was Senior Consultant for Entrust Technologies and Trusted Information Systems and spent 11 years with GTE. He began his career at the National Security Agency, where he designed secure voice systems, and the United States Secret Service, where he developed secure communications and surveillance systems. He holds a bachelor's degree in Electrical Engineering from the University of Connecticut and is a NSA-Certified Cryptologic Engineer. He is an extra class amateur radio operator, call sign K3TN.



Bill Newhouse
Security Outreach and Integration Group
Computer Security Division, Information Technology Lab
National Institute of Standards and Technology

Bill Newhouse is the program lead for the NIST team leading the National Initiative for Cybersecurity Education (NICE) to improve the cyber behavior, skills, and knowledge of every segment of the population, enabling a safer cyberspace. Mr. Newhouse currently co-chairs the Networking and Information Technology R&D Cyber Security and Information Assurance Interagency Working Group that was principally responsible for the Strategic Plan for the Federal Cybersecurity

Research and Development Program published in 2011.

Before NIST, Bill spent five years in the Office of the Secretary of Defense where he focused on cybersecurity R&D. He led the effort to build a collaborative space known as IA Connect where the DoD workforce could share their combined experience regarding products and vendors. Mr. Newhouse is a graduate of both Georgia Institute of Technology and George Washington University, and has been with the federal government for over 26 years.



Dr. Alex Tarter
Technical Director
Ultra Electronics, 3eTI

Alex Tarter, Ph.D., is Technical Director for Ultra Electronics, 3eTI. He is an expert and thought leader on new technologies for industrial and commercial applications for the protection of critical infrastructure. In addition to the work he does developing security solutions, Alex performs vulnerability and cyber security work for military and industrial applications. He has reported extensively on security and situational awareness for industry and defense in Europe and the US. Alex

serves as a civilian advisory expert to NATO on cyber defense for the Industrial Resources and Communications Services Group.



Jon Miller
Vice President
Cylance

Jon Miller leads Cylance through insight and direction around technology, partnerships, research and market opportunities. He was previously vice president of Accuvant where he built and led threat research and customer engagement services. Prior to that, he spent five years on the X-Force professional services team of Internet Security Systems. Miller is a well-known hacking expert who gave his first public talk at Def Con when he was 18.



Jorge Lozano

CEO/President of Condortech Services, Inc. Electronic Security Systems

Jorge Lozano has 35+ years of experience in the electronic security field. He founded Condortech Services, Inc. (CTS) in 1988 and has since provided his services and knowledge to his clients in the Federal and Local Government. His company provides comprehensive security system design, installation, training, and support and protects over \$1.8 billion in assets in the Washington, D.C. area alone.

He has also developed the CTS Design Requirement Matrix, which enables the tailoring of a highly specific and unique security solution for each CTS client-partner.

He earned an Associate's degree in Electronic Engineering at the Universidad Mayor de San Andrés and a Technical Electronic Engineering degree from Columbia Technical Institute.



Daryl Haegley

Control Systems Cybersecurity

Office of the Assistant Secretary of Defense for Energy, Installations and Environment

Daryl Haegley has 25+ years of military and federal civilian experience, currently overseeing the cybersecurity and information risk management effort to modernize and integrate real property, geospatial, and energy systems for the Department of Defense (DoD). He leads DoD policy development and Technical

Working Groups to standardize DoD's Cybersecurity control baseline and overlay specifics for Industrial Control Systems (ICS) / Platform Information Technology (I-PIT) systems, such as electronic (smart) meters and other embedded electronic control systems. Additionally leads the development of the Cybersecurity of Facility Control Systems Unified Facilities Guide (UFC) and the Enterprise Energy Information Management (EEIM) Capability initiative to standardized DoD processes and integrate systems needed to systematically track, analyze, and report facility energy and related costs.

He maintains four certifications, three Masters' degrees, two college tuitions & one patent.



Robert Young

Critical Infrastructure Cybersecurity Solution Design Team Program Director Parsons

MBA, Finance & Information Technology, Darla Moore School of Business,
University of South Carolina, SC

BS, Business Management, Clemson University, Clemson, SC

Project Management Professional (PMP®), November 2011

Certified Information Systems Security Professional (CISSP®), October 2013

TIA Security +, September 2012; Continuity Maturity Model Integration (CMMI), June 2012

Robert Young is the Converged Security Program Manager and Deputy Director at Parsons. He leads a team of SMEs in performing both technical audits (Scan/Fix) and interview based audits in support of Risk Management Framework (RMF). Working together with Customers to build-in security at beginning of project and assist with navigating through the Assessment and Authorization (A&A) process to attain Authority to Connect (ATC) or Authority to Operate (ATO). Robert is also an adjunct professor at Trident Technical College in Charleston, SC teaching a variety of business classes.



Robert (Bob) Talbot
SCADA Security Solutions Manager
Parsons, Commercial Cybersecurity Division

Bob Talbot stood up the ICS/SCADA Cybersecurity practice. He has completed large scale ICS/SCADA Vulnerability Assessments while at Parsons such as the Blue Grass Chemical Agent Destruction Plant and the Ivanpah Solar Power Facility. He also developed and instructs the ICS/SCADA Security Essentials course for Parsons personnel. Bob came to Parsons in September 2013 from Northrop Grumman

Information Systems where he was the Information Assurance Department Manager responsible for several Intelligence Community and DoD cybersecurity projects.

Mr. Talbot has a Bachelor's degree in Engineering (Electrical) from the University of Central Florida and a Master's degree in Information Systems Management from the University of Colorado. He has held the CISSP certification since 2000. In addition, he holds the National Security Agency Infosec Assessment Methodology (IAM) and the Project Management Professional (PMP) certifications. He is also an accomplished Certification and Accreditation (C&A) engineer having performed C&A using the DIACAP, DCID 6/3, NISPOM, and NIST directives. He has over 30 years of IT and cybersecurity experience on DoD, Intelligence Community, US Federal Government, and commercial contracts.