FAST PITCH

from

Our Valued Commercial Partners

George Barros

- *Integrated solution package: protects buildings and infrastructures at physical, digital or cyber levels without destroying or disrupting existing investment*
- *Fully integrates serial, analog, digital inputs into a comprehensive central control dashboard*
- *Communications have multi-factor authentication*
- *Data transfers are protected in transmission or when at rest*
- *Alerts trigger fully-automated or semi-automated response to both insider threats and external attacks, in digital or physical domains.*

Tom Brown

- *Bentley delivers engineering software to optimize the effectiveness of owner/operator maintenance efforts*
- *Many DoD installations have building systems, equipment sensors, EMCS, SCADA, etc. that help engineers analyze and maintain their facilities*
- *Bentley software provides data collection and analytic tools to help DoD facilities professionals manage mission-critical facilities based on their condition*

Matt Albertsen

- *Chinook is a systems engineering firm comprised of cleared subject matter experts in Mechanical and Electrical Engineering, Building Control Systems and IT Infrastructure.*
- *Our cyber certified professionals conduct NIST 800-53 and 800-82 risk assessments, develop System Security Plans (SSP) and implement DoDI 8510.01 Risk Management Frameworks (RMF)*
- *With Authority to Operate (ATO) on the DoD network government agencies are able to implement Chinook software products to manage their assessments, engineering, construction, commissioning, and ongoing capital projects*

www.chinooksystems.com

Our Mission: to Design and Provide Innovative Security Solutions for our Community, State and Nation.

Fabiola Francisco

- *Headquartered in Washington DC offering Services nationwide, over 25 years of federal government experience*
- *Passionate about Security – we love what we do*
- *Trusted – Our clients have been with us for over 17 years*
- *Innovative – Our spirit of innovation comes from the constant changes of technology*
- *Wisdom – Our collective experiences allow us to develop the right security program for our clients*

Jon Miller

- *Endpoint Detect and Respond is a band-aid, not a solution*
- *Deep Learning, Artificial Intelligence, and active protection will replace the current generation of security products*
- *Cylance is the first, next-generation antivirus, fully compliant to replace traditional antivirus, but using new methods to deliver unprecedented protection*

Ray Brisbane

- *Federal facilities cybersecurity involves the lifecycle management of human assets, physical assets and IT assets in the context of Identity and Access Management / Governance (IAM/G)*
- *Key business drivers for IAM/G are compliance, risk management and governance*
- *DIT takes an advisory, engineering and integration approach to IAM/G*
- *Key IAM/G cybersecurity technology players are CyberArk, RSA, Oracle, Micro Focus and ForgeRock*
- *CyberArk's privileged access management solution addresses the convergence of IT and OT (operational technology) IAM/G*

Chris Sistrunk

- *There are ~ 20,000 Building Automation Controls devices in the US on the Internet (source: BACnet and Tridium Fox on http://shodan.io)*
- *Is your building one of them?*
- *FireEye/Mandiant ICS Security Consulting can help you determine the threats, risks, and create a roadmap to help secure and defend your building automation systems*
- *ICS-focused: policies and governance, network and security architecture, and incident response*
- *Our team has decades of ICS experience*

ForeScout™

Christopher Schiavone

- *Delivers pervasive network security by allowing organizations to continuously monitor /mitigate security exposures & cyberattacks*
- *CounterACT platform dynamically identifies and assesses all network users, endpoints, and applications to provide complete visibility, intelligence, & policy-based mitigation of security issues*
- *Open ControlFabric technology allows a broad range of IT security products and management systems to share information and automate remediation actions*
- *Solutions easy to deploy, unobtrusive, flexible and scalable: chosen by more than 1,500 enterprises and government agencies*

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Brian Bear

Honeywell

- *Honeywell invents and manufactures technologies to address some of the world's toughest challenges initiated by revolutionary macrotrends in science, technology and society*
- *A Fortune 100 company, we create solutions to improve the quality of life of people around the globe: generating clean, healthy energy – and using it more efficiently - increasing our safety and security*
- *Enabling people around the world to connect, communicate, and collaborate. And equipping our customers to be even more productive*
- *With more than 127,000 employees worldwide, including more than 22,000 engineers and scientists, we have an unrelenting commitment to quality and delivering results in everything we make and do*

IPERC

Aura Lee Keating

GridMaster™ Microgrid Controls

- *Cybersecure Facility Microgrids*
- *Intelligent, Distributed Architecture*
- *Security, Resiliency, Sustainability*
- *DoD Authorization to Operate*

Mark M. Duszynski

- *Wide portfolio of products, services and engagements with customers (service, installation, retrofits, ESPC)*
- *From conceptual planning and product selection to development and final deployment, Johnson Controls incorporates cybersecurity measures broadly across our product development lifecycle processes.*
- *We educate our customers about the cyber threats to embedded control networks and advise them on procuring and configuring the most secure building automation systems possible.*
- *Our market-leading Metasys cyber-hardened network automation engine (NAE-S) is an effective solution developed for the DoD and now available to other Federal agencies and commercial customers.*

Perry Pedersen

- *Langner Group brings the same level of rigor and analysis that we applied to understanding Stuxnet to any critical infrastructure that employs industrial control systems (ICS),Smart buildings, HVAC, or any industrial system where there is more at risk than information*
- *Langner Group has developed a governance process that allows any asset owner to get control of their digital ecosystem*
- *Our solution: Robust ICS Planning and Evaluation (RIPE) program which provides a complete ICS cyber security program*

James Taylor

- *Secure ICS™ provides protection for both your legacy and new industrial control (ICS) systems without any change to your existing infrastructure*
- *Secure ICS™ works for all organizations no matter how big or small by providing an isolated network for "things" while enabling complete access to your ICS infrastructure*
- *Secure ICS™ is available as a managed service through the Microsoft Azure cloud, allowing you to protect your building and clients while controlling costs*
- *Secure ICS™ protects against all ICS vulnerabilities identified within NIST SP800-82 and incorporates cyber security products that have been deployed by Government customers for over 19 years without a single reported breach*

Otto Pernotto
otto@missionsecure.net

- *Operations Technology (OT) or Industrial Control Systems are physically isolated & so not vulnerable to cyber attacks. Think again.*
- *IT Cyber Security is good enough for OT. Think again.*
- *Mission Secure is focused on OT cyber security. It takes a very different approach – apply integrity checking of physical parameters (temperature, pressure, etc.) in Levels 0 to 3 in the Purdue ICS Reference Architecture*
- *The solutions: Validation of Integrity and Availability (the I and A in CIA) – of the physical systems by continuously **Monitored**, **Detecting** variances, **Informing** (alerting) operators to problems, **Correcting** (allowing operator-controlled correction) and **Collection** (capturing log information for forensics analysis)*

National Institute of BUILDING SCIENCES

An Authoritative Source of Innovative Solutions for the Built Environment

Richard Paradis

- *Whole Building Design Guide www.wbdg.org features information on all facets of building design, construction and operations, including cybersecurity http://www.wbdg.org/resources/cybersecurity.php*
- *Several monthly training sessions monthly to build knowledge on the risks, vulnerabilities and best practices to counter such risks*
  - *Introduction to Cybersecuring Building Control Systems*
  - *Advanced Cybersecuring Building Control Systems*
  - *Cybersecuring DoD Control Systems www.nibs.org/page=cybersecurity*

OSIsoft®

Paul Geraci

- *A global leader in operational intelligence that delivers an open enterprise infrastructure to connect sensor-based data, operations and people to enable real-time and actionable insights*
- *Empowers companies across a range of industries in activities such as exploration, extraction, production, generation, process and discrete manufacturing, distribution and services to leverage streaming data to optimize and enrich their businesses*
- *For 30+ years, OSIsoft customers have embraced the PI System to deliver process, quality, energy, regulatory compliance, safety, security and asset health improvements across their operations*
  www.osisoft.com

PARSONS

Jay Williams

- *Best positioned to provide converged cybersecurity solutions*
- *Parsons has over 70 years of critical infrastructure, design and build, and now protect, we are able to provide a holistic, cybersecurity solution for both IT and OT*

Dave Wolfe

- *Peregrine Technical Solutions, LLC is an 8a certified ANC focused on cyber security*
- *Recently completed study of ICS for USAF, visiting 9 different bases in a 12 month period to evaluate vulnerabilities and make recommendations*
- *Peregrine owns the “only" double-blind, peer-reviewed academic journal on Cyber Warfare www.jinfowar.com and routinely publish papers on ICS and cyber resilience issues*

Jack Roper

- *SCADA and control system networks supporting mission critical utilities infrastructure contain numerous cyber vulnerabilities that can easily be reconfigured by external entities*
- *Network-enabled devices that control heating, cooling, and electrical power can be compromised, leading to a devastating loss of mission*
- *POWER Engineers' Critical Infrastructure SCADA and controls team addresses these issues on multiple fronts*
- *To help avoid mission downtime, our cleared team of experts analyze and assess system vulnerabilities, design and implement system upgrades and enhancements, and develop system monitoring and maintenance plans*

Jonathan Butts

- *Challenges associated with security management of building automation systems installed by third party integrators that use default configurations and network connections that are not associated with the asset owner's IP space*
- *Capability to identify these assets, how to implement security strategies, and requirements for acquisition*

Quanterum®

Sean Copes

- *Security*
- *SCADA Defense*
- *Penetration Testing*
- *SDVO Status*
- *Quick Discussion about the Publication*

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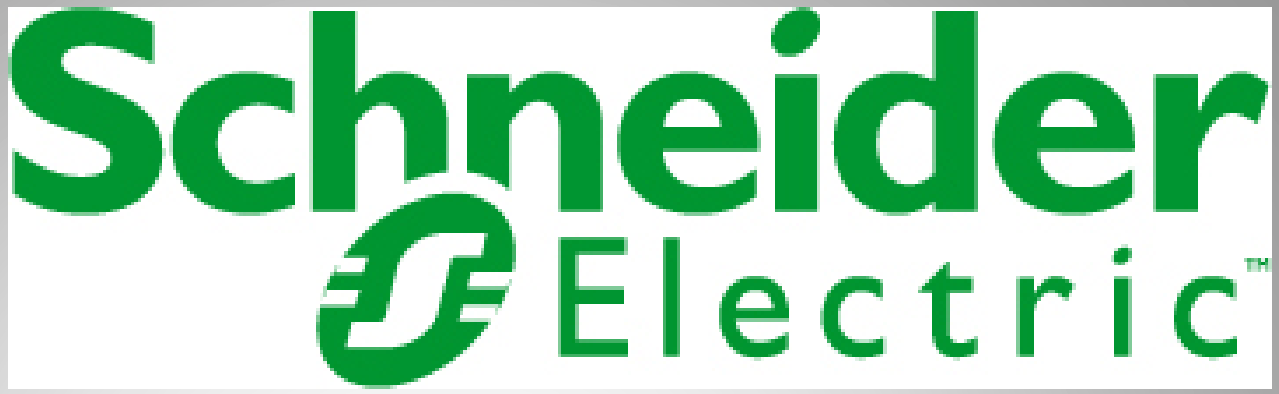

Bernie Pella

- *Many options and solutions for Industrial Control Systems. Acquired Invensys facilitating experienced industrial control system cyber security services group*
- *Schneider's Electric Cyber Security Services team provides secure solutions for both new and existing industrial control systems based on the 7 Corner Stones, Asset Identification, Electronic Access Controls, User Access Controls, Patching, Anti-Virus, Disaster Recovery, and Logging*
- *Electric cyber security solutions blend well with any industrial control system, especially with building management systems and building automation systems*

Dennis Gammel

- *Working with OSD, USACE, USMC and USN to move forward with a RMF Type Authorization for over 65 pieces of SEL equipment and 10 types of SEL software*
- *Mapping RMF Security Controls to ensure the system is protected at the appropriate level for an OT environment*
- *Configuring seven racks of equipment to include SEL's Best Practices and as many types of protocols used by DoD as possible*
- *Increasing visibility / Service-level reciprocity*

Harry Koujaian

- *Introducing the Siemens Product and Solutions Security Initiative*
- *Addressing Security during Product development and throughout the life cycle of the product and solution*
- *Siemens product adherence in the federal/DoD space*

Tina Williams

- *Insider threat protection re: cyber resilience of critical infrastructure*
- *Holistic risk planning and management to maximize investment in cyber resilience*
- *Integrating security throughout the engineering life cycle to increase cyber resilience*

George Finnerty

- *Focused on meeting cyber security and connectivity needs for organizations requiring uncompromised protection for their business critical infrastructure, endpoints and assets*
- *Our platform provides a breakthrough approach to secure networking by enabling organizations to 'cloak' critical systems and high value endpoints*
- *We start with Zero Trust, only allowing whitelisted systems or endpoints onto a Tempered private network*

Alex Tarter, Ph.D
Alex.Tarter@ultra-3eti.com

- *In-line defense-in-depth protection for existing legacy or new BAS deployments*
  - *Encryption, firewall, protocol parsing, port authentication, out-of-band remote mgmt, real-time alert & logging, learning mode for developing white/black list rules*
- *Only independently validated ICS security solution to meet US Government standards*
- *Full inspection of the largest number of industrial protocols*
  - *BACnet, Modbus, FOX, DNP3, DNP3-WITS, EtherNet/IP, OPC*
- *In deployment protecting BASs across the US Navy*
- *20 years of experience building and delivering cost-effective solutions that empower efficient operations*


ADI
Technologies, Inc.
Bentley
Sustaining Infrastructure
Chinook Systems Inc.
CONDORTECH SERVICES, INC
CYLANCE
dit
Distributed Information Technologies
ForeScout
FireEye
SECURITY REIMAGINED
Honeywell
IPERC
Langner
M2
Johnson Controls
INGENUITY WELCOME
National Institute of BUILDING SCIENCES
An Authoritative Source of Innovative Solutions for the Built Environment
OSIsoft
POWER ENGINEERS
MISSION SECURE
INC
PARSONS
Peregrine Technical Solutions
Quanterum
Schneider Electric
QED
Secure Solutions
SEL
SCHWEITZER ENGINEERING LABORATORIES
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SIEMENS
Connect & Protect Critical Operations