

NATIONAL CYBERSECURITY CENTER OF EXCELLENCE

ENERGY PROVIDER COMMUNITY (EPC) OF INTEREST MEETING – JULY 2017

Date: 7/18/2017

Time Start-End: 2-3:30 PM Eastern

NCCoE Team and Roles:

Jim McCarthy (Federal Lead) Tania Copper (Outreach & Engagement)

Attendees:

Alice Moy-Gonzalez, pdvWIRELESS Lance Johnson, pdvWIRELESS Dario Loboza, Guidepost Solutions Edwin Santiago, Guidepost Solutions David Simonetti, ICF Faisal Amin, Berkeley Research Group, LLC Mike Cohen, MITRE Pete Tseronis, Dots & Bridges Rich Donohoe, Berkeley Research Group, LLC Shawn Eck, The Empire District Electric Company Steve Pflantz, ISA Tim Clancy, Arch Street LLC
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Agenda

- NCCoE Energy Sector Planned Activities
- Status of Energy Sector (and related) Projects
- Manufacturing Update (New COI)
- EPC Special Guest Speaker, Alice Moy-Gonzalez of pdvWIRELESS
- Comments / Questions

Jim McCarthy to Energy COI:

Recent events in the NCCoE Energy sector

- GridSecCon 2017, October 17-20, St. Paul, MN
 - Panelists: NCCoE Energy Sector Team, UMd, PNNL, Dots and Bridges, LLC
 - Main Topic: Situational Awareness for the Energy Sector
 - 4 hour training and information session: Tuesday, 10/17/2017

Energy Sectors project status

- **Energy Sector Asset Management (ESAM)**
 - Focus on asset management capability for Energy Sector
 - Will give strong consideration to remote and geographically dispersed assets
 - Business Case Phase I: approved
 - Into Business Case Phase II approval process
- **Situational Awareness SP 1800-7 (A,B,C)**
 - Released public draft - 02/16/2017
 - Comment period closed- 04/17/2017
 - Final draft expected Fall / 2017
https://nccoe.nist.gov/projects/use_cases/situational_awareness

Manufacturing Behavioral Anomaly Detection (BAD) Use Case

- Build Team Kickoff: 07/06/2015
- Projected Draft Practice Guide Release Date: 02/2018
- Request sent to Energy COI to join Mfg. COI
- <https://nccoe.nist.gov/projects/use-cases/manufacturing>
- **Manufacturing Build Team**
 - Cyber-X
 - GuardX
 - OSIssoft
 - SecureNok
 - Security Matters
 - Ultra-3eTi

Jim McCarthy to Energy COI: Now I will introduce our guest speaker, Alice Moy-Gonzalez, who is the Director of Strategic Development for pdvWIRELESS.

Alice Moy-Gonzalez to Energy COI: pdvWireless, Inc. is a private wireless communications solutions provider focused on utilizing spectrum assets to develop and offer next generation network and mobile communication solutions to critical infrastructure and enterprise customers. It is the largest holder of licensed nationwide spectrum in the 900 MHz band in the United States and, together with the Enterprise Wireless Alliance, is pursuing a regulatory process at the Federal Communications Commission that seeks to repurpose a portion of the 900 MHz spectrum band to accommodate the future deployment and delivery of more modern and efficient broadband technologies and services. Spectrum, like cyber-security plays an integral role in the development of solutions that are truly reliable and secure, to meet the evolving needs of this sector.

pdvWireless is utilizing its licensed spectrum to operate private push-to-talk ("PTT") networks in major markets throughout the United States and, by combining its PTT services with its patented and industry-validated SaaS technology, is improving team communication and field documentation across a wide array of industries, including transportation, distribution, construction, hospitality, waste management and field service. As a provider of mobile workforce management solutions, pdvWireless' applications increase the productivity of field-based workers and the efficiency of their dispatch and call center operations. pdvWireless' Chairman, Brian McAuley, and Vice Chairman, Morgan O'Brien, were the co-founders of Nextel Communications and have over 60 years of combined experience in providing highly reliable communications solutions to Critical Infrastructure and Enterprise customers.

As entities develop their strategic plans, pdvWireless, is creating a sandbox that will allow Critical Infrastructure and Enterprise customers to gain deeper insights into both the business and technical features and benefits of a secure broadband platform in a collaborative forum. We invite the members of the COI to connect with pdvWireless to learn more about this effort that will not only provide answers to key questions, but also provide members with the opportunity to shape an enhanced solution that is critical to modernization within the industry.

Alice Moy-Gonzalez, Director of Strategic Development, pdvWIRELESS
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Meeting ended at 3:30pm.