

CYBER SECURITY IN OIL AND GAS

November 10, 2020 | Online Event

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9:00 EST: Panel Discussion: Embedding Cyber Resilience in Your Business Culture and Operating Models

- Taking a systemic approach to risk management
- Balancing investment and risk
- Managing COVID-19-related cybersecurity risks: seizing the opportunity presented by the pandemic to improve your cybersecurity maturity
- Your crucial frontline defense: building a security culture through employee awareness
- Measuring the ROI of your cybersecurity program

Al Jones, Vice President Information Technology, CNX

Mike Holcomb, Director of Information Security, Fluor

Deana Werkowitch, Senior Vice President – Audit, Technology and Implementation Services, Crestwood Midstream Partners

Moderator: Jeff Cornelius, EVP of Cyber-Physical Security, Darktrace

9:45 EST Operational Integrity: Safeguarding Your OT Systems With Cyber AI

Join Jeff Cornelius, Darktrace's EVP of Cyber-Physical Security, as he uncovers the evolving challenges of securing industrial control systems, including digitized OT, exponential connections to Industrial IoT, and expanding internet-connected supply chains – and why artificial intelligence could be the answer.

In this session, Jeff will also explore:

- A new generation of threats facing the industrial sector
- Threat discovery: Compromised equipment at a food manufacturer
- Threat discovery: Serpent ransomware infection in the oil and gas industry

Jeff Cornelius, EVP of Cyber-Physical Security, Darktrace

10:30 EST CyberPhysical Security: How secure are your physical security systems?

In this session, Steve will look to highlight why your physical security systems may be introducing unnecessary and unforeseen risk to your enterprise. You have to ask yourself the questions: How secure are my physical security systems? And, why are organisations taking a zero trust security model approach with a greater emphasis on applications and device security?

Steve will discuss:

- Associated Cybersecurity concerns regarding the deployment of physical security systems and the potentials risks.
- The importance of supply chain due diligence and actually knowing who is making your security equipment.
- Why we are seeing an increase regarding discussion around privacy concerns.
- The value of a converged security approach or the adoption of an enterprise security risk management model.

Steven Kenny is the Industry Liaison Manager at Axis Communications, a Board Director (Formerly, Director of systems, information and cybersecurity) with the ASIS International UK Chapter and a Technology Advisor with TiNYg, the Global Terrorism Information Network.

Steven Kenny, Industry Liaison, Architecture & Engineering, Axis Communications

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11:15 EST: Cyber Resilience: Boosting CyberSecurity at Crestwood Midstream

- Safeguarding your company in a hyperconnected world
- Building an OT centered cybersecurity model
- Internal threats: best practices to identify internal bad actors
- External threats: platforms to help stop bad actors from accessing one computer and traversing through the entire network
- Dissemination of work: – with scaled back groups, how can we disperse work across the IT discipline to eliminate single points of failure with specific resources managing security threats

Deana Werkowitch, Senior Vice President – Audit, Technology and Implementation Services, Crestwood Midstream Partners

12:00 EST: IT/ OT Convergence in Oil & Gas: The New Cybersecurity Risks

Increasing connectivity has introduced progressively greater cybersecurity challenges to the oil and natural gas industry due to the convergence of IT networks with OT ICS networks. Targeted ICS attacks have increased in frequency and sophistication. A successful attack on an OT system could result in economic impact, operational shutdowns, damaged equipment and significant environmental, health and safety consequences.

A collaborative report from multiple oil and gas companies, OT system vendors, U.S. government representatives and private sector cybersecurity defense companies and consortiums has resulted in eight key findings and support recommendations. Join this panel of experts and members of the cybersecurity team from this study to discuss this efforts and these recommendations. The full draft report is available at www.dynamicdelivery.npc.org with the cybersecurity section in the Technology Advancement and Cybersecurity chapter.

Al Lindseth, SVP, Technology, Process and Risk Management, Plains All American Pipeline

Angela Haun, Executive Director, Oil and Natural Gas Information Sharing and Analysis Center (ONG-ISAC)

Jason Haward-Grau, Advisory Managing Director, Cyber Security Service, KPMG LLP