

# CYBER SECURITY

## IN ENERGY & UTILITIES

September 28, 2021 | Online Event

### September 28<sup>th</sup>, 2021

<p><b>9:00 am EST</b></p>	<p><b>NPC Study Dynamic Delivery - America's Evolving ONG Transportation Infrastructure</b></p> <p>At the request of the Secretary of Energy, the NPC engaged in a very large study with findings and recommendations to influence public policy and drive safety, security and environmental improvement across our ONG midstream infrastructure. The team highlighted Cybersecurity recommendations as it relates to protection of our industrial control systems and which received a great deal of affection from public/private partnerships. Al, Angela and Jason will discuss these recommendations and relate them to current Cybersecurity developments in the midstream sector.</p> <p><i>Al Lindseth, SVP, Technology, Process and Risk Management, Plains All American Pipeline</i>  <i>Angela Haun, Executive Director, Oil and Natural Gas Information Sharing and Analysis Center (ONG-ISAC)</i>  <i>Jason Haward-Grau, Advisory Managing Director, Cyber Security Service, KPMG LLP</i></p>
<p><b>9:45 am EST</b></p>	<p><b>Zero Trust – The Power of Proactive Protection and Increased Productivity for Energy and Utilities</b></p> <p>Hear real world energy industry examples of proactive risk reduction and productivity gains by:</p> <ul style="list-style-type: none"> <li>• Establishing a prevention-based approach to cybersecurity rather than a legacy detect-and-respond method</li> <li>• Implementing Zero Trust to secure facilities, protect critical systems and enhance operational excellence at scale</li> <li>• Mobilizing capabilities to proactively prevent users, data and applications providing an easy first point of entry to attackers, no matter where employees are working</li> <li>• Utilizing the power of secure web gateway (SWG) to safeguard against sophisticated threats</li> </ul> <p><i>Brett Raybould, EMEA Solutions Architect, MENLO Security</i></p>
<p><b>10:30 am EST</b></p>	<p><b>Operational Integrity: Safeguarding Your OT Systems with Self-Learning AI</b></p> <p>Join Dr. Jeff Cornelius, Darktrace's EVP of Cyber-Physical Security, as he uncovers the security challenges facing industrial environments and cyber-physical ecosystems.</p> <p>In addition to advances in attacker techniques, such as the rise of ICS ransomware, these include evolutions in the technological architecture of ICS, including digitized OT, exponential connections to Industrial IoT, and expanding internet-connected supply chains.</p> <p>Here, self-learning AI provides the ideal solution to keep pace with rapid changes in the threat landscape and industrial technologies, with its ability to detect never-before-seen attacks and adapt to any changes in infrastructure.</p>

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	<p>In this webinar, Dr. Jeff Cornelius will explore:</p> <ul style="list-style-type: none"> <li>• A new generation of threats facing the industrial sector</li> <li>• Threat discovery: Advanced ICS attack at an international airport</li> <li>• Threat discovery: Targeting sensitive data via an air-conditioning unit</li> </ul> <p><i>Jeff Cornelius, EVP, Cyber-Physical Security, Darktrace</i></p>
<p><b>11:15 am EST</b></p>	<p><b>Visibility and Control - Mapping and Segmentation in OT &amp; IT</b></p> <p>This session will look at:</p> <ul style="list-style-type: none"> <li>• How organisations can understand asset and application dependencies in real-time</li> <li>• Establishing trust and flows that exist between OT and IT environments</li> <li>• Controlling communication inside and between critical environments</li> <li>• How a Zero-Trust model might be applied to these areas</li> </ul> <p><i>Adam Brady, Director, Systems Engineering, EMEA, Illumio</i></p>
<p><b>12:00 pm EST</b></p>	<p><b>Resisting Sophisticated Attacks with Hardware Security Standards</b></p> <p>This session will explore:</p> <ul style="list-style-type: none"> <li>• Recent Cyber Attacks on Energy and Utilities</li> <li>• Recommended Countermeasures</li> <li>• How Industrial Cybersecurity Standards Can Help</li> <li>• Regulatory and Compliance Benefits</li> </ul> <p><i>Steve Hanna, Distinguished Engineer, Infineon Technologies &amp; Co-chair of Trusted Computing Group Industrial Work Group and IoT Work Group</i></p>
<p><b>12:45 pm EST</b></p>	<p><b>CyberSecurity in Energy &amp; Utilities Wraps for the Day</b></p>