

Dragos & GE Vernova Global Partnership

The Power of Partnership in Strengthening Cybersecurity for Utility Infrastructure

Partnership Highlights



Unmatched Industry Expertise

This alliance brings together GE Vernova's century of OEM experience with over 50,000 substation automation systems installed globally and Dragos's specialized OT cybersecurity capabilities. This combination delivers solutions designed by experts who truly understand both the operational requirements of utilities and the sophisticated threat landscape they face.



Complete Visibility Across OT/ICS Environments

The partnership provides utilities with unprecedented visibility into their operational technology assets through the Dragos Platform's advanced asset discovery capabilities integrated with GE Vernova's deep understanding of automation systems. This visibility extends to both modern and legacy systems, addressing a critical blind spot for many utilities.



Intelligence-Driven Threat Detection

Unlike solutions that generate excessive false positives through anomaly detection, the combined offering leverages Dragos's industry-leading threat intelligence and GE Vernova's operational insights to identify genuine threats with greater accuracy. This approach significantly reduces alert fatigue while improving detection of sophisticated attacks.



Streamlined Regulatory Compliance

The partnership simplifies alignment with complex regulatory frameworks by combining GE Vernova's certified solutions (IEC62443-3-3 certified products and IEC62443-2-4 certified integration process) with Dragos's compliance-friendly security features. This integrated approach reduces the compliance burden for utilities while enhancing their overall security posture.



Flexible Implementation with Minimal Disruption

Recognizing the critical nature of utility infrastructure, the partnership offers flexible deployment options that integrate with existing systems through standard protocols. This approach allows utilities to enhance security without disrupting operations, supporting both immediate security needs and long-term modernization initiatives.

The Challenges

Utilities face an increasingly hostile threat landscape. Recent statistics show an alarming 87% year-over-year increase in ransomware attacks targeting industrial systems, with 75% of incidents resulting in partial operational technology shutdowns. This surge in attacks comes as utilities are navigating complex digital transformation initiatives that introduce new vulnerabilities across their infrastructure.

The challenge is multi-faceted and growing in complexity:

Legacy operational technology systems, never designed for internet connectivity, now require protection against sophisticated remote attacks. These systems often lack basic security controls and cannot be easily patched or upgraded without risking operational disruption.

Regulatory requirements continue to evolve across jurisdictions, creating a compliance maze that stretches already limited security resources. Utilities must navigate frameworks like NERC CIP, NIS2, and other directives while maintaining operational efficiency.

The expanding attack surface created by infrastructure modernization introduces new vulnerabilities at the intersection of IT and OT systems. As utilities integrate renewable energy sources, distributed energy resources, and smart grid technologies, they inadvertently create new entry points for attackers.

Perhaps most critically, the industry faces a significant skills gap in OT-specific cybersecurity expertise. Traditional IT security approaches often fail in operational environments where availability requirements are paramount, and systems cannot tolerate standard security measures. These challenges are further compounded by the critical nature of utility infrastructure – where security failures can have physical consequences affecting public safety and economic stability.

The Solutions

The Dragos and GE Vernova partnership delivers a uniquely powerful approach to cybersecurity by combining complementary strengths to address the full spectrum of utility security challenges.

GE Vernova brings deep operational knowledge gained through decades of automation experience. Their defense-in-depth approach incorporates security at multiple levels – from secured products with built-in cybersecurity features to certified development processes and manufacturing facilities. This foundation ensures that security is embedded throughout the infrastructure, not merely added as an afterthought.

Dragos contributes specialized OT cybersecurity technology designed specifically for industrial environments. The Dragos Platform provides comprehensive asset visibility, intelligence-driven threat detection, and expert-authored response playbooks tailored to the unique requirements of operational technology. This specialized approach avoids the pitfalls of applying IT security tools to OT environments.

Together, these capabilities create a solution greater than the sum of its parts:

The partnership enables a unified security approach across both modern and legacy systems. GE Vernova's understanding of utility operations ensures that security measures work within operational constraints, while Dragos's technology provides the advanced monitoring and protection capabilities needed to defend against sophisticated threats.

For utilities struggling with limited security resources, the combined offering provides access to specialized expertise through services like OT Watch Threat Hunting and the collective defense capabilities of Neighborhood Keeper. These services effectively extend the utility's security team with experts who understand both the technology and the operational context.

Implementation follows a structured methodology that minimizes disruption while maximizing security improvement. Beginning with comprehensive assessment and planning, the approach progresses through phased deployment to continuous improvement, ensuring that security evolves alongside changing threats.

Perhaps most importantly, the partnership addresses the full lifecycle of cybersecurity needs – from initial assessment through implementation to ongoing monitoring and improvement. This holistic approach ensures that utilities don't just achieve a point-in-time security improvement but build sustainable security capabilities that evolve with their operational needs.

By bringing together automation expertise and specialized OT cybersecurity capabilities, Dragos and GE Vernova are enabling utilities to protect critical infrastructure more effectively while supporting their operational goals and compliance requirements.

About Dragos, Inc.

Dragos, Inc. has a global mission to safeguard civilization from those trying to disrupt the industrial infrastructure we depend on every day. Dragos is privately held and headquartered in the Washington, DC area with regional presence around the world, including Canada, Australia, New Zealand, Europe, and the Middle East. Learn more about our technology, services, and threat intelligence offerings: [request a demo](#) or [contact us](#).

About GE Vernova Inc.

GE Vernova Inc. (NYSE: GEV) is a purpose-built global energy company that includes Power, Wind, and Electrification segments and is supported by its accelerator businesses. Building on over 130 years of experience tackling the world's challenges, GE Vernova is uniquely positioned to help lead the energy transition by continuing to electrify the world while simultaneously working to decarbonize it. GE Vernova helps customers power economies and deliver electricity that is vital to health, safety, security, and improved quality of life. GE Vernova is headquartered in Cambridge, Massachusetts, U.S., with approximately 75,000 employees across 100+ countries around the world. Supported by the Company's purpose, The Energy to Change the World, GE Vernova technology helps deliver a more affordable, reliable, sustainable, and secure energy future. Learn more: [GE Vernova](#) and [LinkedIn](#).