SOLUTION BRIEF

DRAGOS
SAFEGUARDING CIVILIZATION

The Dragos Platform Drives Operational Efficiency

Improving Outcomes in Cybersecurity and Operations

Maintaining operational efficiency while simultaneously addressing cybersecurity needs is a complex and delicate balancing act for modern organizations. On one hand, the relentless drive for efficiency requires streamlined processes, interconnected systems, and rapid data sharing—all of which can expose vulnerabilities to cyber threats. On the other hand, the escalating frequency and sophistication of cyberattacks necessitate robust security measures that can inadvertently introduce friction, complexity, and potential disruptions to operations.

Striking the right equilibrium demands a holistic approach that integrates cybersecurity into the very fabric of operational strategies. This includes ongoing risk assessments, robust incident response plans, and the deployment of cutting-edge technologies to safeguard critical assets, all while ensuring that these measures do not hinder agility and efficiency.

Challenges Impacting Operations and Productivity

- **Increased Business Risk:** The rise of cyber threats poses significant risks to industrial operations, including ransomware, malware, and targeted attacks. Sensitive operational and proprietary information may be embedded within data necessitating robust measures to protect against breaches and unauthorized access.

- **Pressure to Improve Operational Efficiency:** Operational efficiency is a necessity for survival and growth. Industrial companies must optimize processes, minimize downtime, reduce waste, and enhance productivity at every level. The integration of digital technologies, automation, data analytics, and real-time monitoring has become indispensable to meet these demands.

- **Identifying Actionable Data:** Industrial environments generate data at an unprecedented rate in their quest to become more efficient, leading to data silos and fragmentation. Data may be stored in disparate formats, locations, and systems, making it difficult to consolidate and analyze effectively. Ensuring data quality and integrity across multiple sources is another critical challenge, as errors or inconsistencies can lead to inaccurate insights and decisions.

- **Managing Compliance and Regulations:** Regulations demand a commitment of resources, time, and expertise for compliance. Industrial environments are dynamic, with diverse technologies and legacy systems that may not readily align with modern cybersecurity standards – and the regulatory landscape is continually evolving in response to emerging cyber threats, requiring companies to stay abreast of changes and adapt their security measures accordingly. Achieving compliance while maintaining operational efficiency and minimizing disruption requires a comprehensive strategy, ongoing assessment, and a proactive approach to cybersecurity governance.

The Dragos Advantage: Helping Industrial Companies Improve Security and Productivity

Comprehensive Asset Discovery

- Dragos begins by identifying and cataloging all assets within the industrial network. This comprehensive asset discovery is crucial for understanding the operational landscape and pinpointing cybersecurity gaps or opportunities for improvement.

- Asset discovery also provides insights into the health and performance of critical equipment. By knowing the status and condition of assets in real-time, organizations can proactively schedule maintenance, repair, or replacement, reducing unplanned downtime and improving overall operational uptime and reliability.

Centralized Visibility

- The Dragos Platform provides a centralized view of an organization's industrial control systems and OT infrastructure. This visibility allows teams from different departments to have a comprehensive understanding of the overall operational landscape, identifying anomalies and potential issues that may affect productivity.

Data-Driven Decision Making

- The Dragos Platform collects data from various sources within industrial networks, including sensors, control systems, and IT infrastructure. It consolidates this data, ensuring that it can be analyzed holistically.

- Detailed asset visibility allows organizations to understand the criticality of different assets and their interdependencies. This information supports risk assessments and prioritizes decision-making related to asset protection.

Vulnerability Management

- Dragos continuously monitors the network for emerging vulnerabilities and potential threats, allowing for swift remediation and minimizing the window of exposure. Once a vulnerability is identified, Dragos uses a risk-based approach to offer prioritized guidance so you can allocate limited resources efficiently and address the most significant threats to your operations first.

Threat Detection and Response

- Dragos threat detection solutions leverage advanced analytics and machine learning to detect anomalies and cyber threats, enabling swift response and mitigation. Incident response services ensure a rapid and effective response to security incidents, minimizing disruptions and downtime.

Compliance and Reporting

- Dragos helps industrial companies meet regulatory requirements with detailed reporting and compliance tools, leveraging insights from various departments in one place.

Collaboration Across Teams

- With the Dragos Platform providing a common interface and data repository, different departments can collaborate more effectively. This can lead to a smoother exchange of information, ideas, and strategies to enhance the overall security and efficiency of industrial processes.

By partnering with Dragos, industrial companies can expect the following benefits:

- **Increased Security:** Strengthened cybersecurity defenses protect critical infrastructure from cyber threats, reducing the risk of costly breaches.
- **Improved Operational Efficiency:** Real-time visibility and advanced analytics help identify inefficiencies and optimize processes, leading to reduced downtime and increased productivity.
- **Enhanced Compliance:** Simplified compliance management ensures adherence to industry-specific regulations, reducing the risk of fines and penalties.
- **Reduced Risk:** Dragos expertise and proactive approach to cybersecurity reduce the risk of operational disruptions and reputational damage.

Dragos is your trusted partner in enhancing industrial operations and productivity while safeguarding your critical infrastructure against cyber threats. Our industry-specific cybersecurity solutions, operational visibility, and compliance expertise will help you thrive in today's digital landscape.

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:

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