



SOLUTION BRIEF

Key Reasons to Choose Dragos

Protecting OT and xOT Environments with Purpose-Built
Cybersecurity Technology, Intelligence, and Expertise.



OT environments have expanded. Beyond traditional control systems and legacy protocols, modern operations now integrate IoT devices, edge computing, cloud connectivity, and IT systems that directly influence production and safety. This extended OT (xOT) requires OT-native security. A cyber-attack on any component can mean production shutdowns, safety incidents, and environmental harm. Dragos delivers technology, intelligence, and expertise built exclusively for OT and xOT.

10 Reasons to Choose Dragos



01

OT-Native from the Ground Up

Built exclusively for OT/ICS by frontline practitioners. Every capability is engineered for environments where availability and safety come first, with flexible deployment options that scale without disruption. Device-level intelligence via Phosphorus reveals chipsets, firmware versions, and serial numbers, surfacing supply chain risks.

WHY IT MATTERS

Native OT capabilities mean defenders can act with confidence in environments where a wrong move stops production.



02

The Most Effective OT Cybersecurity Platform

Automatically discovers and inventories OT and xOT assets, tracking changes over time. Behavioral threat detection and OT Watch threat hunting deliver high-confidence detections with prescriptive playbooks grounded in the Dragos Intelligence Fabric.

WHY IT MATTERS

Effectiveness means getting the right detection with the right context. Dragos detections are grounded in a decade of OT-exclusive intelligence, not noise.



03

An Intelligence Fabric Built Over a Decade

Over ten years of OT-exclusive research, 5+ petabytes of daily telemetry, and tracking of 26+ OT threat groups powers every detection. Phosphorus adds deep device intelligence: firmware versions, component details, and supply chain visibility. This decade-deep Intelligence Fabric is the foundation for detections, vulnerability prioritization, and Dragos EmberAI. No competitor has this depth.

WHY IT MATTERS

A decade of dedicated research means Dragos sees patterns, adversary tactics, and vulnerabilities others miss. No competitor without long OT focus can replicate this.



04

Threat Detection & Vulnerability Management Built for OT Operations

Detection engines built and optimized for OT, validated 24/7. OT-contextualized risk scoring with “Now, Next, Never” prioritization identifies only the 3-6% of vulnerabilities requiring immediate action. Alternative mitigations enable action without production disruption.

WHY IT MATTERS

OT-aware vulnerability management tells you what’s exploitable now, what can wait, and what doesn’t matter. Know when patching is essential vs. when compensating controls suffice.



05

Dragos EmberAI: AI Built Exclusively for OT

AI built specifically for OT, activating the Intelligence Fabric. Analysts query a decade of OT telemetry, research, and incident response expertise in natural language, getting OT-contextualized answers. Connects assets, vulnerabilities, and threats into unified understanding, elevating every analyst to expert efficacy.

WHY IT MATTERS

OT expertise is scarce and expensive. Dragos EmberAI puts that expertise in every analyst’s hands, accelerating triage from hours to minutes.



06

Expert Services Across the Full OT Security Lifecycle: A True Defense Partner

Incident response, tabletop exercises, OT penetration testing, architecture reviews, threat hunting, and program development delivered by the same practitioners who built the platform. Whether securing traditional OT or modern xOT environments, you work with experts who understand the full operational landscape.

WHY IT MATTERS

OT incidents demand expertise most teams don't have. Having the same people who built your platform guide your response means decisions are grounded in the deepest OT context.



07

Integrates with Your Existing Security Operations

Integrates with SIEMs, firewalls, service management, and endpoint protection platforms. Extends OT expertise into broader security operations without replacing existing tools.

WHY IT MATTERS

You've already invested in your security stack. Dragos extends it with OT-specific capabilities rather than forcing rip-and-replace.



08

Operational Value Beyond Cybersecurity

Detailed logging fills visibility gaps and provides complete audit trails. Forensic data identifies system changes, misconfigurations, and operational root causes. Monitoring without disruption builds trust across operations and security teams.

WHY IT MATTERS

Security and operations often work against each other in OT. Dragos delivers visibility that benefits both teams and builds trust.



09

Compliance Aligned

Supports compliance with NERC CIP, NIST SP 800-82, IEC 62443, ISO/IEC 27001, and other frameworks. Aligns to MITRE ATT&CK for ICS and SANS ICS 5 Critical Controls, providing structured path to security program maturity.

WHY IT MATTERS

Compliance frameworks exist for a reason. Dragos is built to those standards, so compliance evidence is automatically your defense posture.



10

Built by Practitioners, for Practitioners

Largest team of dedicated OT cybersecurity professionals in the commercial world. OT security is the entire mission, not a side product line. This focus is reflected in hiring, product development, and annual intelligence.

WHY IT MATTERS

Practitioner-first focus means every decision reflects real-world OT security experience. You're getting the mission, not a side project

**Ready to strengthen
your OT defense with
Dragos?**

Request a demo at dragos.com/request-a-demo

Contact us at sales@dragos.com

About Dragos

Dragos is the world's leading OT cybersecurity firm headquartered in Washington DC, USA area with offices around the world. It provides the most effective OT cybersecurity technology for industrial and critical infrastructure to deliver on our global mission: safeguarding civilization. The Dragos Platform provides visibility and monitoring of OT environments for asset identification, vulnerability management, and threat detection with continuous insights generated by the industry's most experienced OT threat intelligence and services team. Dragos protects customers across the range of operational sectors, including electric, oil & gas, data centers, manufacturing, water, transportation, mining, and government.

Learn more: dragos.com

