Cisco Cyber Vision

Turn your industrial networks into powerful security assets

Industrial organizations today face a perfect storm of cybersecurity threats, operational complexity, and evolving regulatory demands. Securing Industrial Control Systems (ICS) and Operational Technology (OT) is a top priority. Traditional approaches rely on integrating disparate point products, creating operational headaches, persistent blind spots, and spiraling costs.

Cisco® Cyber Vision combines the three OT security capabilities every industrial organization needs into a single, network-native solution: continuous visibility into your OT security posture to help reduce the attack surface, AI-assisted network segmentation to protect industrial operations, and secure remote access to control risks from remote experts.

Cyber Vision embeds security capabilities directly into Cisco industrial switches and routers — turning your industrial network into an OT security sensor, an OT security policy enforcer, and secure remote access gateway. There are no appliances to deploy or collection networks to build. The network that connects your assets profiles everything that connects to it, detects malicious traffic, enforces IEC 62443 zones and conduits, and controls who can remotely access your assets. That's OT security you can deploy at scale.



Benefits

- **Get comprehensive OT security.** Visibility into OT assets and risks, AI-assisted network segmentation, and zero-trust remote access, all working seamlessly together in a single package.
- **Easily deploy OT security at scale.** Network-native architecture helps you see more, protect more, and eliminate complexity so you can scale your OT security program.
- **Drive regulatory alignment.** Built-in asset documentation, zone-based segmentation, and audit trails directly support IEC 62443, NIS2, NERC CIP, and other frameworks.
- **Enable IT/OT collaboration.** Get advanced dashboards to drive OT security programs. Feed IT security tools with OT context to see the entire attack surface and better protect the enterprise.

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Next steps

Talk to a Cisco sales representative or channel partner about how Cisco can help you secure your industrial operations. Visit cisco.com/go/cybervision or cisco.com/go/OTsecurity to learn more.

Comprehensive OT security fused into your industrial network

OT security you can deploy at scale

Cyber Vision embeds visibility capabilities into industrial network equipment. There's no need to source dedicated appliances and think about how to install them. There's no need to build out-of-band networks to send network traffic to a central security platform. Network managers will appreciate the unique simplicity and lower costs of the Cyber Vision architecture.

Unmatched visibility on OT cyber risks

Cyber Vision inventories all connected assets and maps their communication activities, so you understand your OT security posture. It detects forbidden asset vendors, malicious traffic, and abnormal behaviors. The Cisco Security Risk Score highlights vulnerabilities that bad actors are actively exploiting, so you can prioritize action.

Simplifying network segmentation to protect operations

Cyber Vision helps implement adaptive segmentation in OT in weeks, not years. AI-assisted recommendations let OT teams easily create zones and policies matching the industrial processes. Simulation lets you verify policies will not disrupt production. When you're ready for it, Cyber Vision works directly with industrial switches to enforce policies at line rate without additional appliances or complex setup.

Secure remote access to OT assets

Cyber Vision comes with comprehensive zero trust remote access capabilities purpose-built for OT workflows. Cyber Vision empowers operations teams with self-service remote access and lets you easily enforce least-privilege access policies so you can control risks from remote users.

Extending IT security to OT

Cyber Vision feeds your IT security applications with rich details on OT assets and events. Security teams now have visibility across both IT and OT domains to better detect threats, manage risks, and protect industrial networks using existing cybersecurity tools.

OT security and risk governance

Cyber Vision includes a Splunk app offering advanced dashboards to monitor OT security posture across multiple sites and drive OT security governance. Transform vulnerability management into an enterprise-wide security program and develop custom dashboards to meet the needs of any stakeholders.

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