Cisco Industrial Threat Defense

Comprehensive cybersecurity for critical infrastructures and industrial operations

Industrial operations are no longer working on air gapped environments. Industry 4.0 and Operational Technology (OT) digitization require seamless communications with IT and cloud resources. As a result, industrial security solutions must now span and unify OT and IT domains. They must also be deeply integrated within industrial networks to gain full visibility and enforce policies at the lowest levels of the infrastructure.

Cisco® Industrial Threat Defense is a comprehensive and highly modular OT security solution using the industrial network as the fabric to easily enable advanced OT security capabilities at scale. It's a platform unifying security across IT and OT domains to help detect advanced threats and orchestrate response, protecting the global enterprise. From OT visibility to network segmentation to zero trust remote access to advanced detection, secure your industry digitization projects with Cisco Industrial Threat Defense.

Benefits

- **Gain OT visibility at scale:** The network automatically inventories industrial assets, their communication patterns, and their security posture.

- **Protect operations with network segmentation:** OT visibility lets you easily build zones and conduits enforced by networking equipment.

- **Secure remote access to OT assets:** Control remote access from vendors and contactors with Zero-Trust Network Access (ZTNA) designed for OT.

- **Detect advanced threats faster:** Eliminate gaps with a unified view on IT and OT security data, advanced AI/ML detection models, and OT-specific threat intelligence.

- **Unify your defense:** Better protect the global enterprise with out-of-the-box integration across your security stack enabling advanced response orchestration.

For more information

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

A comprehensive solution that unifies IT and OT cybersecurity

Cisco Industrial Threat Defense is a pre-integrated and modular solution offering all the security capabilities you need to protect, detect, and remediate across IT and OT environments.

Cisco Cyber Vision
Easily gain visibility into OT and Industrial Control System (ICS) assets at scale. Understand your OT security posture, detect threats, and drive cybersecurity best practices.

Cisco Secure Equipment Access (SEA)
Control remote access to your OT/ICS assets with Zero-Trust Network Access (ZTNA) that's made for OT and easy to deploy at scale.

Cisco Identity Services Engine (ISE)
Enforce ISA/IEC62443 zones and conduits and control access to critical OT assets with a Zero Trust framework.

Cisco Secure Firewall
Build your Industrial Demilitarized Zone (IDMZ), restrict communications within the industrial network, and block zero-day attacks to protect your OT and IT networks.

Cisco Extended Detection and Response (XDR) and Splunk
Get a unified view on IT and OT data to correlate events, detect advanced threats, and orchestrate response across your security stack.

splunk> a CISCO company — Unified detection, investigation, and response

Cyber Vision	Secure Firewall and ISE	Secure equipment access
OT asset visibility and security posture	Zero trust segmentation	OT Zero Trust Network Access (ZTNA)

Talos Threat Intelligence