Cisco Industrial Security Appliance 3000 (ISA)

Simplify compliance with IIoT cyber-security

Industrial networks have advanced threat protection needs, requiring a ruggedized solution that helps to ensure safe, reliable service delivery.

The ISA 3000 delivers on these needs with the proven enterprise firewall and network security policies of Cisco. It's available in several options:

-Adaptive Security Appliance (ASA)

-ASA + FirePOWER (FPR)

-Firepower Threat Defense (FTD) services

Read data sheet

Features Use Cases Resources For Partners

Features and benefits

Enforce security policies in IoT environments

The Cisco ISA 3000 extends the network as a sensor and enforcer to IoT environments. It enables visibility and control of protocols including DNP3, CIP, Modbus, IEC61850 and applications by Omron, Rockwell, GE, Schneider, and Siemens.

Take advantage of proven threat protection

More than 25,000 rules give the ISA 3000 the widest range of operational technology protection.

Ruggedized for almost any environment

Designed to work within a temperature range of -40 to 60 C, and hardened for vibration, shock, surge, and featuring electrical noise immunity, the ISA 3000 is ready for almost any environment.

Easy to deploy and setup – ready for any industry

Get multi-industry compliance with specifications for industrial automation, electrical substation environments and predefined policies for all levels of deployments. ISA 3000 also allows you to get up and running quickly with OT modified factory default configurations.

High availability keeps operations on track

Ensure traffic continuity with features such as hardware bypass, dual-power inputs, Quality of Service policies, and latency detection and mitigation functions.

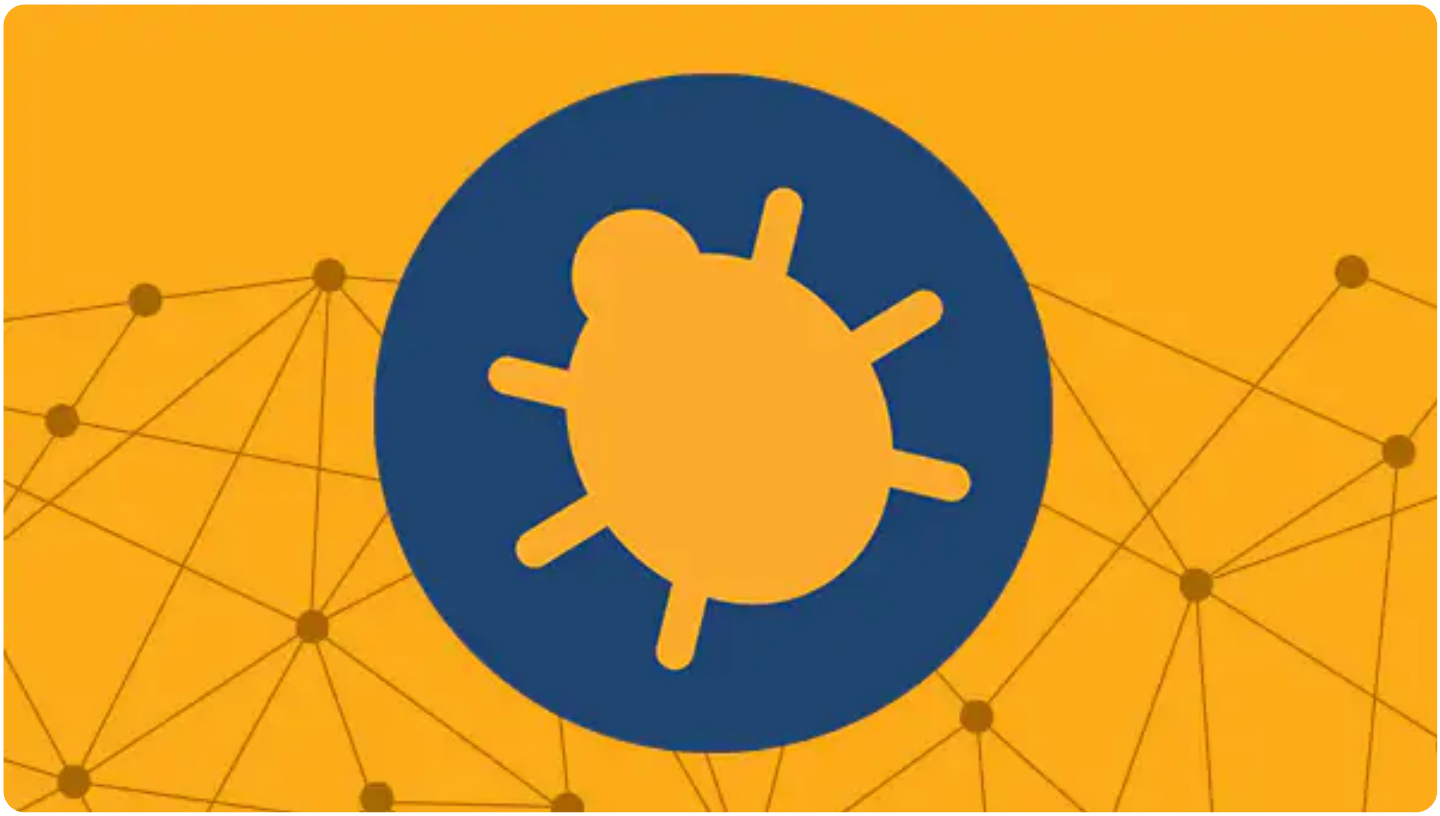
Use Cases

Protect individual zones with network segmentation

Use the ISA 3000 to separate different parts of the network in your manufacturing cells, zones, or utility substations to ensure only authorized devices or connections have access, protecting the network from malicious or unwanted activities.

Network Address Translation (NAT) ensures more efficient operations

The ISA 3000 eliminates duplicate IP addresses by providing a unique IP address to each device, ensuring every device is visible on the network and able to receive commands.



Inspect and detect network threats

ISA 3000 detects possible malicious activities for many protocols, including ModBus, CIP, and DNP3, etc.

Resources

Learn more about Cisco IoT

Support

For partners

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