# ForeScout

## Operational Technology Security

Can you identify what's on your OT ()
network? Do you worry that needed security
will impact your equipment's production
uptime?

If you face a mix of operational, IT () and IoT ()
devices comprising industrial control systems
(ICS), building automation and healthcare
equipment, it's difficult to assess what is on
your networks. ForeScout can help.
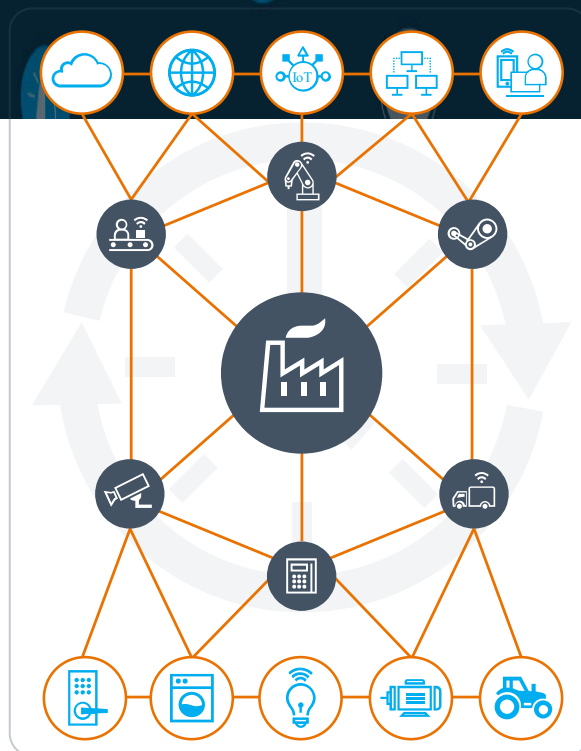


> *"Without full knowledge of interconnected assets,... defenders are effectively working blindly, unable*

*defenders are effectively working blindly, unable to make adequately informed decisions regarding which controls to implement, or how to prioritize security plans and spending."*

— Securing Industrial Control Systems Survey, SANS Institute, June 2017

## HOW FORESCOUT HELPS

Immediately expand your visibility for converged IT () and OT () networks with device-level security. ForeScout uses passive techniques to gain views of the network landscape and see what was previously invisible, providing:

◉ Real-time asset inventory of IP ()-based devices without impacting performance or reliability

◉ Compliance that aligns with stringent security frameworks such as NIST ()

◉ Improved defense against targeted breaches that can result in stolen data and operational downtime

| STEP 1 **Passive Security** Foundational security for priority OT use cases | STEP 2 **Passive/Active Prioritization** Selectively enable devices/segments that can tolerate active security | STEP 3 **Agentless Active** Use the full capabilities of ForeScout for prioritized devices/segments |
| --- | --- | --- |

## GAIN REAL-TIME VISIBILITY

ForeScout CounterACT (/products/counteract/)® builds a real-time asset inventory of IP ()-based devices without impacting performance or reliability. ForeScout conducts non-disruptive asset discovery and classification by integrating with existing network, monitoring and

(/company/resources/operational-technology-solution-brief/)

inventory sources. These discovery and classification techniques construct a comprehensive asset repository to ensure access to timely and accurate device information. It also allows you to respond to service requests and security incidents with knowledge instead of guesswork. This asset inventory integrates with most configuration management database (CMDB ()) platforms.

To learn how ForeScout addresses visibility challenges, read the Agentless Visibility Solution Note (/company/resources/agentless-visibility-solution-brief/).

Operational Technology Solution Brief

Download

*"Increase in up to 60% more devices found*"*

* Based on actual ForeScout customer experience

## STAY IN COMPLIANCE

ForeScout helps you implement the SANS Critical Security Controls framework to support your compliance efforts. CounterACT (/products/counteract/) can help protect confidential data and support compliance efforts with mandated policies and regulations such as NIST () (/company/resources/nist-rmf-solution-brief/), FISMA () (/company/resources/addressing-fisma-requirements-solution-brief/), NERC (), ISO ()/IEC () 27001 and the GDPR (). In addition, it can:

- ◉ Identify and continuously monitor traditional, IoT () and OT () devices

- ◉ Perform posture assessment and help contain the spread of malware across the network
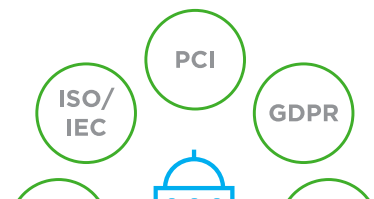
◉ Guard against targeted threats that can result in stolen data and
network downtime
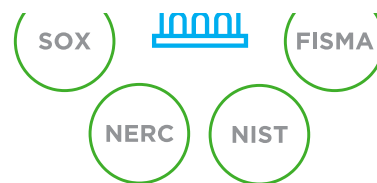
## CONTINUOUSLY DISCOVER & MONITOR DEVICES

Use continuous discovery and monitoring to protect your critical infrastructure against targeted breaches that
can result in stolen data and operational downtime, allow you to:

ForeScout's agentless network discovery platform interoperates with heterogeneous networks and
continuously provides a breakdown of networked devices.

◉ Assess device security posture continuously

◉ Select devices to be enabled for active security techniques

◉ Choose platforms for further security remediation or dynamic network segmentation

Read Gartner OT () and IIoT Research (/gartner-debunks-seven-myths-ot-iiot-
security/)

## ADDITIONAL RESOURCES

**International Rectifier Case Study**
Download
(/company/resources/international-
rectifier-case-study/)

**Internet of Things Solution Brief**
Download
(/company/resources/internet-
things-solution-brief/)

**NIST () |**
**Framew**
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## TRANSFORMING SECURITY THROUGH VISIBILITY ™

ForeScout provides agentless visibility and control of traditional and IoT () devices the instant they connect to the network. Our technology works with disparate security tools to help accelerate incident response, break down silos, automate workflows and optimize existing investments.
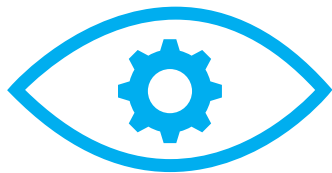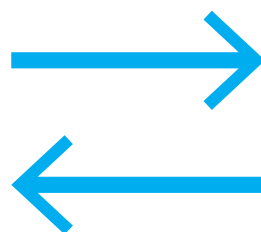
**See**
(/products/counteract/see/) devices.

**Control**
(/products/counteract/control/) the devices.

**Orchestrate**
(/products/extended-modules/orchestrate/) system-wide response.

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