



Automate continuous device visibility, risk mitigation and compliance enforcement across your HDO



Ever-increasing numbers of IoT, OT, IT and medical devices are connecting to healthcare networks. While this is a positive trend in many ways, security is another matter. More devices mean a bigger healthcare attack surface, and that surface is already too porous and vulnerable due to:

- **Lack of visibility** – The inability to see many devices leads to blind spots and unknown devices on enterprise networks
- **Insufficient segmentation** – Risky devices are left unchecked, connecting and communicating with limited oversight, or none at all
- **Vulnerable operating systems** – Many devices are running unsupported Windows OSes that are easy targets for bad actors
- **Default passwords** – Critical-care devices using default credentials reside alongside other connected systems and can be manipulated by outsiders and used to spread malware
- **Un-agentable/unpatchable devices** – Many IoT and IoMT devices can't be patched, and some critical-care systems can't be taken offline for patching

Forescout: keeping critical-care networks secure and operational

Forescout provides the complete, enterprise-wide solution that automates continuous visibility, compliance enforcement and risk mitigation – securing healthcare delivery organizations (HDOs) against risks from all connected devices, including medical devices.



90%

of VLANs in HDOs have IT devices with vulnerabilities.*



For every VLAN with a healthcare device,

60%

of HDOs also had non-healthcare devices on the same segment.*

*Connected Medical Device Security: A Deep Dive into Healthcare Networks, Forescout Research Labs

[View Report](#)



Specifically, the Forescout platform:

- Discovers and classifies all IoT, IoMT, OT and IT devices upon connection, evaluates their security posture and segments them appropriately
- Enforces compliance and provides superior reporting through detailed, customizable dashboards
- Automatically takes remediation actions as necessary
- Continuously monitors and assesses devices, sharing data and orchestrating enforcement actions with third-party solutions

SEE EVERYTHING

Comprehensive visibility – no blind spots

The Forescout platform provides 100% accurate, agentless device visibility, assessment and inventory of all IP-connected devices (managed, unmanaged, IoT, IoMT, OT and IT) across HDO networks in real time.

- Discover and assess every smart device, IT endpoint, clinical device and building automation system regardless of location – without disrupting care
- Classify all devices upon connection to ensure they are compliant and managed with the appropriate policies
- Automate remediation of all devices that fall out of compliance due to outdated OSes, default passwords or unauthorized applications
- Quickly determine the security posture of acquired hospitals, clinics and doctors’ offices prior to connecting

SEGMENT SAFELY

Protect flat networks without disruption

Dynamically group devices by device identity and business context and map traffic flows between groups across domains. The Forescout platform, including Forescout eyeSegment, lets you:

- Visualize and model the impact of segmentation schemes before deployment
- Place potentially risky devices in secure zones, allowing them to continue critical operations until they can be brought into compliance
- Automate segmentation to mitigate risks and reduce the blast radius
- Restrict communications to only required services and device groups

✓ Healthcare

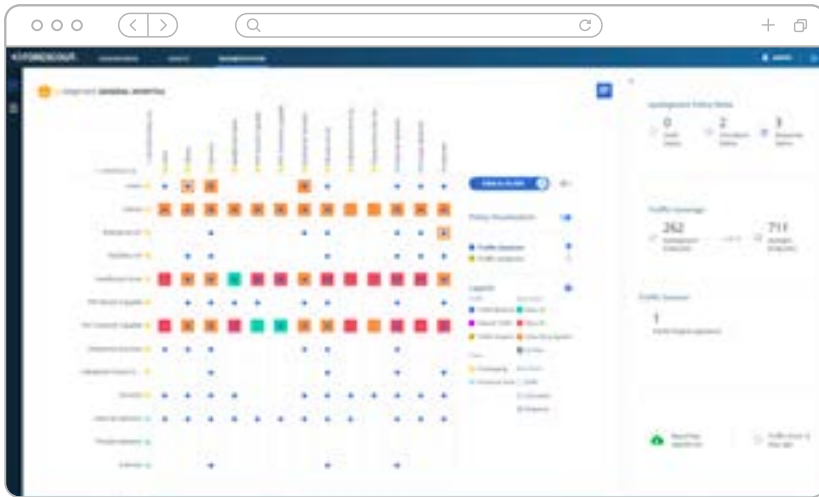
- > Cardiology
- > Diabetes Care
- > ECG Gateway
- > Electronic Healthcare Records
- > Ergonometry
- > Fitness Equipment
- > Hearing Assistance
- > HL7 Gateway
- > Hygiene Monitoring

✓ Imaging

- > CR Medical Image Printer-Scanner
- > CT Scanner
- > DICOM Gateway
- > DICOM Media Burning
- > DICOM Modality System
- > Digital Mammography System
- > Digital Radiography System
- > Fluoroscopy System
- > Image Guided Surgery System
- > Interventional X-Ray System
- > Mammography System
- > Medical Image Printer
- > Mobile C-ARM System
- > Molecular Imaging System
- > MRI Scanner
- > Nuclear Medicine System

The Forescout platform leverages detailed device data from the Forescout Device Cloud’s 13+ million devices to significantly improve identification and auto-classification of IT, IoT, OT and IoMT systems.

[See It In Action](#)



The Forescout eyeSegment Matrix lets you focus on what's important – for instance, a particular traffic pattern in your environment. You can instantly create desired eyeSegment policies to segment a specific traffic pattern and protect your business while helping to ensure patient safety and business continuity.

ENFORCE COMPLIANCE

Automate device and regulatory compliance

Gain continuous visibility and control for keeping devices compliant and current, as well as safely onboarding guests, detecting and isolating rogue devices and more. Now you can:

- Control network access in heterogeneous environments with or without 802.1X and without infrastructure upgrades or changes
- Automatically remove noncompliant devices from the network or quarantine them in a safe segment
- Reduce compliance risk and avoid fines and penalties by seeing, defining and tracking the real-time posture of all assets across your network
- Enforce Zero Trust security by implementing least-privilege policies based on user, device, connection, posture and compliance



Forescout identifies and classifies the device, injects the information from the SIEMs and moves that device over to a segmented network. This is how we're getting to Zero Trust.

Dominic Hart

Manager Information Security Architecture,
IT&S Security, RWJBarnabas Health

[View Case Study](#)



Join other HDOs that have recovered from failed Cisco ISE deployments to ensure visibility and control across their heterogeneous networks. [Learn more.](#)

Forescout platform dashboards instantly let you see the devices on your network and their security posture.

SCALE CONFIDENTLY

Gain a proven healthcare security solution

The Forescout platform offers unmatched scalability to keep pace with the explosive growth and diversity of connected devices across campus, data center and cloud environments.

- Proven ability to scale to cover 2+ million devices in a single deployment
- Partnership with the leading Clinical Device visibility solution providers, as well as ready integrations with all other leading security and IT management packages
- 3,800+ enterprise customers globally, including 200 HDOs



Don't just see it. Secure it.™

Contact us today to actively defend your Enterprise of Things.

forescout.com/healthcare-cybersecurity | salesdev@forescout.com | 1.866.377.8771