

Simple and Non-Disruptive Zero Trust Segmentation for Healthcare

Safely Secure Extended Healthcare Networks with Advanced Risk Management and Dynamic Segmentation

Traditional approaches for maintaining secure healthcare networks have long been dependent on maintaining separation of healthcare applications from IT networks and remote access users. However, as healthcare organizations modernize their infrastructure with new technologies such as IoMT (Internet of Medical Things) devices and cloud applications/services, traditional zoning strategies are no longer sufficient to keep healthcare environments safe.

Challenges include:

- Risk of lateral movement of threats that cross from IT and remote users into cyber-physical and extended healthcare infrastructure
- Difficulties related to detecting and mitigating the spread of inter-zone threats
- Multivendor operational complexity and inconsistency in segmentation controls across extended healthcare environments

The Forescout solution: Best in class for healthcare

If the challenges above sound familiar, now is an excellent time to evaluate how the Forescout solution helps to simplify Zero Trust segmentation and optimize risk management when it comes to IT, IoT, OT (operational technology) and IoMT devices in your heterogeneous Enterprise of Things (EoT). With the Forescout platform, you can:

“IoT and network-enabled device technologies have introduced potential compromise of networks and enterprises...Security teams must isolate, secure, and control every device on the network, continuously.”¹

FORRESTER RESEARCH

“Connected medical devices represent a fast-growing threat attack vector, and the lack of device manufacturer standardization and interoperability has created a significant problem for clinical care network operations.”²

PEDRO ABREU

Chief Product and Strategy Officer,
Forescout

- **Accelerate Zero Trust segmentation** across IT and Medical groups
- **Gain an instant understanding of IT-OT and healthcare network segmentation state** in real time on any device, anywhere in the extended environment
- **Reduce the attack surface and maintain compliance** through dynamic segmentation across IT, IoMT and Healthcare/OT environments
- **Simplify threat analysis** with fewer tools, fewer dashboards, and more actionable alerts
- **Optimize IT-Healthcare workflows** and leverage existing investments with a consistent segmentation policy across the entire enterprise
- **Mitigate risk and maintain compliance** through faster threat response by prioritizing alerts according to the risk level
- **Reduce compliance risk and cost** by efficiently managing cybersecurity detection and response, requiring fewer skilled resources

EXTEND THE VALUE OF YOUR SECURITY & IT INVESTMENTS

- Help security and clinical engineering teams address risk and compliance with a unified segmentation policy approach
- Enable non-disruptive and dynamic segmentation for sensitive healthcare environments by leveraging existing infrastructure investments

“The Medigate and Forescout partnership and integration provide healthcare organizations with rich contextual visibility into their IT and clinical networks, as well as sophisticated network analysis to detect threats and implement clinically-driven policies. These actionable insights will, in turn, reduce risk and improve patient safety.”²

JONATHAN LANGER
co-founder and CEO, Medigate

Optimized Risk Management and Non-disruptive Zero Trust Segmentation for Healthcare Networks

The Forescout and Medigate joint solution enables healthcare organizations to continuously discover, assess, and classify all IP-connected devices, streamlining and simplifying management while also mitigating the risk of compromise across disparate device types and network tiers. The solution provides in-depth device visibility and enables effective, real-time management of a full range of operational and cyber risks. It addresses cross-domain, multi-use-case segmentation challenges across extended healthcare environments to simplify and accelerate non-disruptive Zero Trust segmentation controls. With Forescout eyeSegment as part of the solution, you can visualize and assess your network segmentation state in real time, so you can build more accurate and effective segmentation policies using the additional context provided by Medigate.

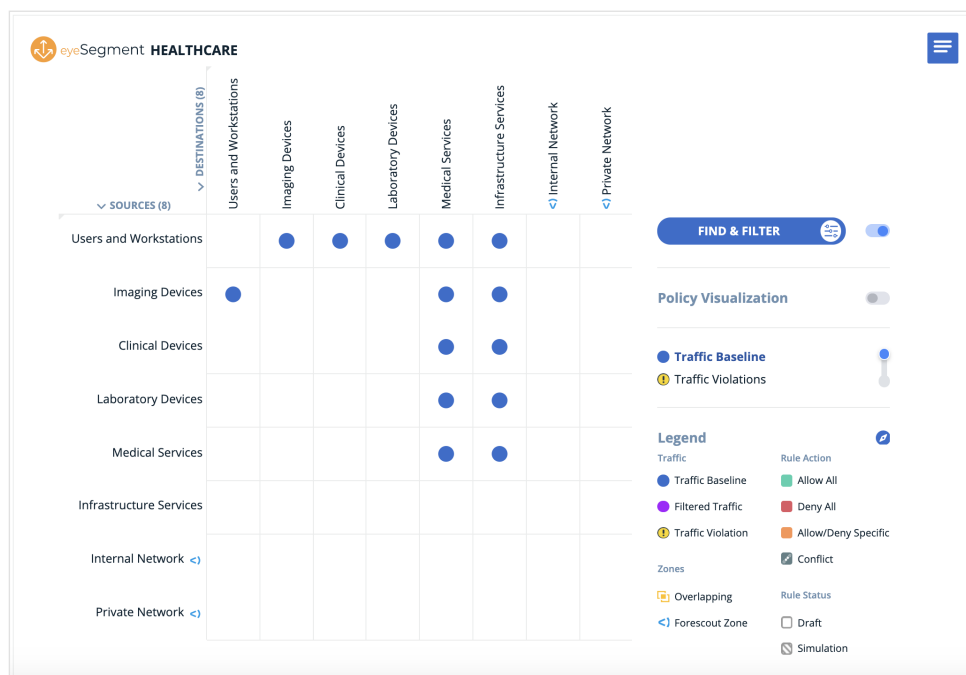


Figure 1. The eyeSegment Matrix allows you to focus on what is important to you so that you can analyze and investigate a particular traffic pattern in your environment. No matter where you are in the matrix hierarchy, you can instantly create desired eyeSegment policies to segment a specific traffic pattern and protect your business while ensuring patient safety and business continuity.

The Forescout network segmentation solution addresses a wide array of use cases. In every case, the flexibility of the Forescout platform helps to reduce the risk of business disruption and minimize operating costs related to segmentation projects. Key use cases include:

- Gain instant visibility into your extended environment in real time to proactively model non-disruptive segmentation policies

- Mitigate risk, maintain compliance and reduce operational costs
- Simplify IT-OT Zero Trust segmentation

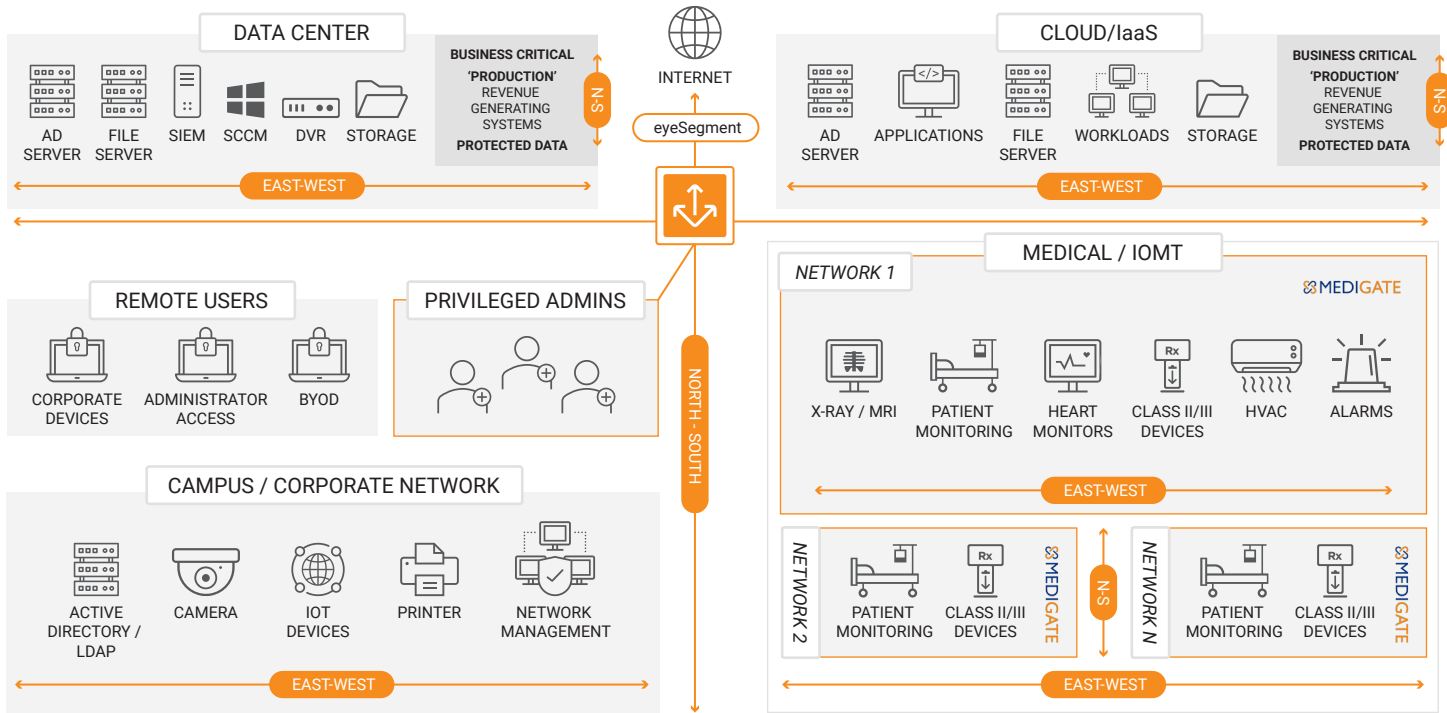


Figure 2. The Forescout solution can help you mitigate threats and gain an instant understanding of your segmentation state in real time. In the example above, eyeSegment keeps connected devices from crossing healthcare and IT-OT domains.

1. Mitigating Ransomware With Zero Trust, Forrester Research, Inc., June 8, 2020
2. Forescout Announces Strategic Partnership with Medigate to Reduce Risk of Medical IoT Devices, Forescout press release, March 2020: <https://www.forescout.com/company/news/press-releases/forescout-announces-strategic-partnership-with-medigate-to-reduce-risk-of-medical-iot-device>

Don't just see it. Secure it.

Contact us today to actively defend your Enterprise of Things.

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