

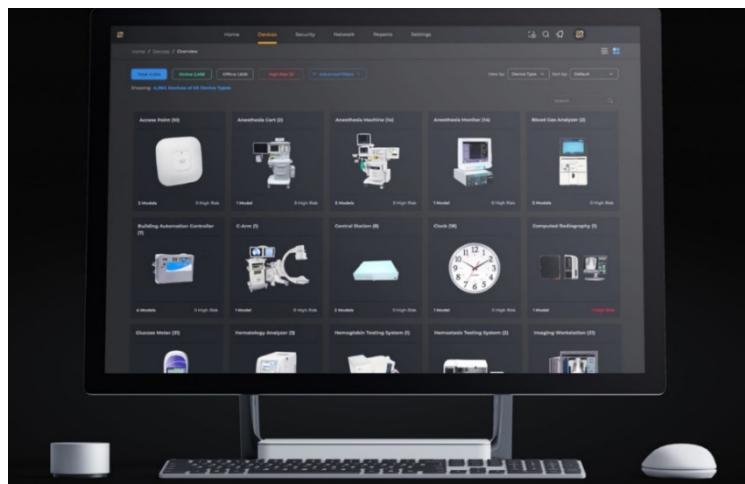
Medigate and Keysight: Visibility for Healthcare IoT Security

Healthcare delivery relies heavily on connected devices which increase productivity, efficiency, and accuracy, but at the same time, they enlarge healthcare's attack surface. Adding Internet of Things (IoT) devices to a network offers attackers more targets, and many of those devices were never designed with security in mind. Others aren't or can't be patched or updated regularly. As a result, vulnerabilities that were remedied long ago by software providers in other industries can still be exploited. To address this challenge, the joint solution from Medigate and Keysight enables protection of every medical connected device in hospitals and other enterprise healthcare environments.

Medigate: Healthcare IoT Security

Medigate focuses exclusively on the security needs of the healthcare market, thus our deep domain expertise around medical devices and clinical workflows allows us to identify and mitigate the unique challenges found in health care enterprises. Features and benefits of Medigate include.

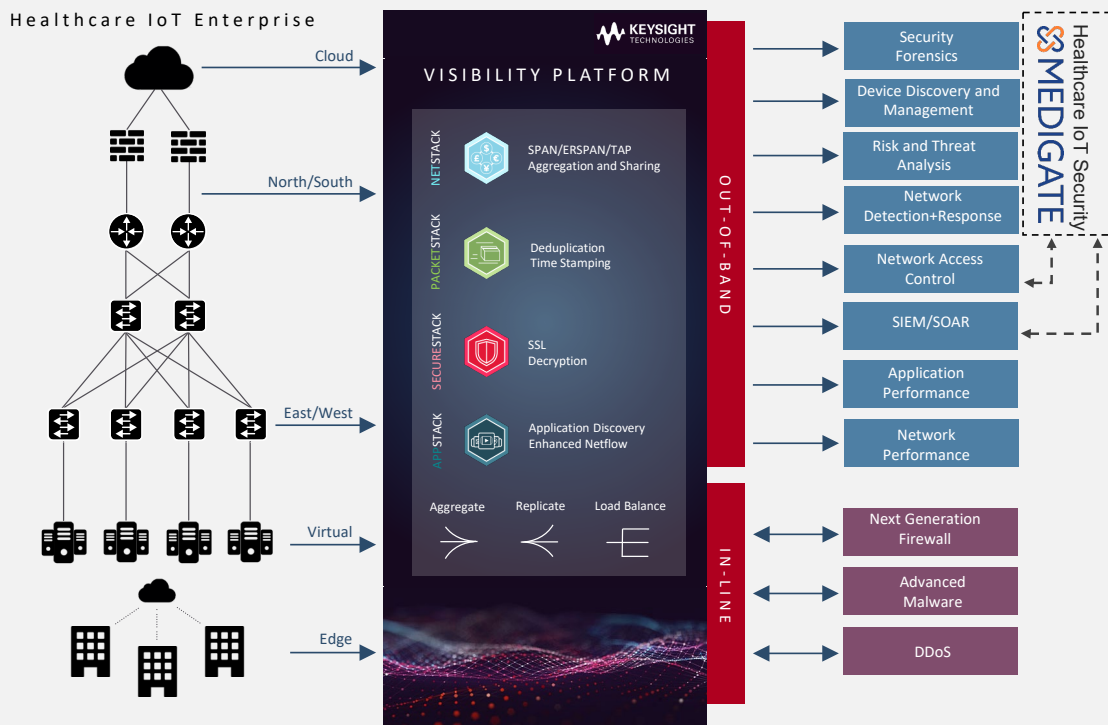
- Deep packet inspection techniques, decoding proprietary healthcare IoT protocols, achieving unparalleled discovery of connected medical devices and communications.
- Behavioral device and communications baselines and profiles used for generating policies for effective detection of suspicious communications and prevention of attacks.
- Risk and threat analysis and scoring, enhanced with insights from published industry best practices, government guidelines, medical devices manufacturers and healthcare customers.
- Extraction and export of device utilization information into change management and maintenance systems, enabling proactive and preventative medical device controls.
- Technology integrations including network access control, firewalls, security incident event automation response, vulnerability management, and clinical asset management systems.



Keysight Assures Vital Access to Data

Keysight Visibility Platform complements Medigate by extending efficient access to all physical and virtual network and cloud packets needed for analysis. Keysight's network packet brokers (NPBs) and TAPS intelligently collect, aggregate, and pass packets from networks to Medigate by:

- Collecting packets from SPAN/ERSPAN/TAPS of any speed and media
- Aggregating packets from across the Healthcare IoT Enterprise for Medigate to analyze
- Sharing monitoring data with purpose-built tools that need it (e.g. NAC, APM, NGFW)
- Removing duplicate packets to improve throughput and storage capacity
- Performing SSL Decryption, when needed, for additional visibility
- Load-balancing traffic across multiple tools for cost-effective scalability



Keysight – Medigate Joint Deployment example

About Medigate: www.medigate.io  **MEDIGATE**

Learn more at: www.keysight.com

For more information on Keysight Technologies' products, applications or services, please contact your local Keysight office. The complete list is available at: www.keysight.com/find/contactus

