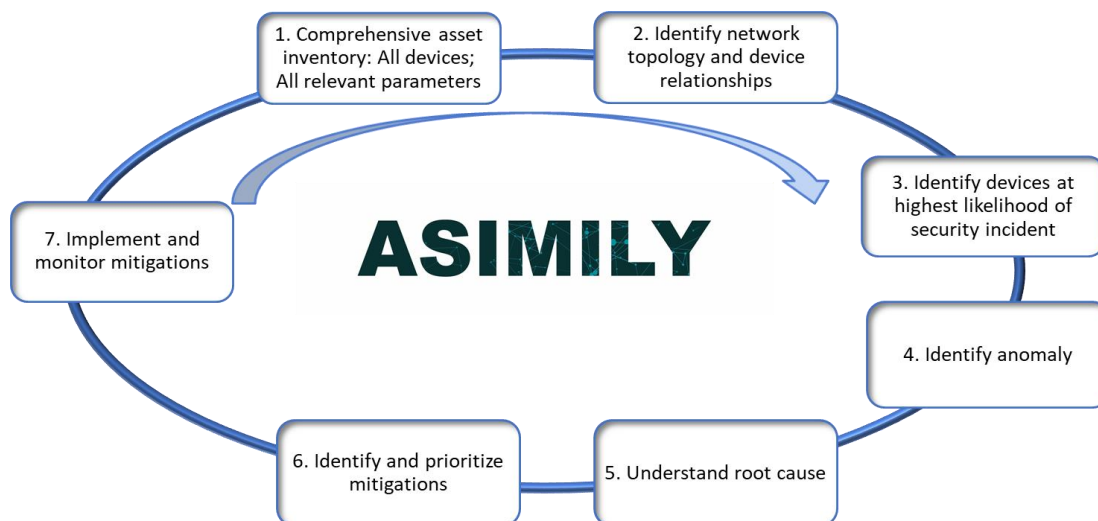# ASIMILY INSIGHT

COMPREHENSIVE MEDICAL DEVICE LIFECYCLE MANAGEMENT PLATFORM

OVERVIEW

Managing and securing the complex and growing networks of medical devices is a unique challenge for healthcare providers. Part of the problem is the large number and variety of device types and vendors, as well as range in security posture due to device age and vendor maturity. From a cybersecurity perspective, healthcare providers have limited visibility into the device itself, limited understanding of risks and priorities and typically rely on manual security management processes. This limits their ability to effectively and proactively manage the cyber security risks of medical devices and their networks. Asimily's *Insight* solution is a Comprehensive Medical Device Management Platform built specifically for the healthcare providers to help them overcome these limitations and to enable them to manage their medical devices and reduce their medical device security risks.

Asimily helps implement and automate a complete medical device management program:

KEY FEATURES AND BENEFITS

Asimily Insight solution provides inventory, security and operational benefits for medical devices. Asimily solution not only detects devices, profiles them and protects them on the network but goes further to assess and prioritize vulnerabilities and provides recommendations. In addition, Asimily solution provides several operational benefits that can be used by the health system to manage their medical devices

Passive – Analysis is based on network metadata and external sources and does not require interfacing directly with or interrogation of the devices.

Flexible Deployment – Insight's analysis engines can be deployed on-premise or in the cloud

Coverage – Insight works across devices from different manufacturers as well as supports devices of different generations (new to legacy).

Inventory – Insight derives inventory information based on network observation and correlates it with data from different sources to provide a central and aggregated view of devices, including their IT, device, and cyber-security properties.

Device Relationships and Flow Analysis– Insight provides a representation of how devices are connected, how the connectivity is changing, how the data is flowing with detailed flow analysis, and how the devices are interrelated, enabling single-pane-of-glass visibility and allowing for easy navigation of network topology in real-time.

Asset Utilization – Insight provides a utilization view for every device and provides information on how much time the devices have been transmitting on the network.

Patch and Mitigation Prioritization - Proprietary algorithms, supported by Asimily research, inform about device vulnerabilities, recommended mitigation, and respective priority of action to be taken.

Risk Monitoring – Insight uses a combination of signatures, pre-built models, and unsupervised learning to detect a wide range of attack scenarios, security events, and operational problems, while maintaining low false positive rates.

Prevention and Remediation – Insight helps with network segmentation and can block or quarantine devices if any anomalies or security issues are detected.

Recall monitoring – Insight correlates identified regulatory recalls, advisories, and alerts and helps to identify impacted devices in the provider's environment.

Threat monitoring – Insight monitors the external threat environment for new exploits, security incidents, and attacks to provide early warnings to our customers.

Vendor tracking – Insight tracks which vendor/supplier is accessing the device, when and how much data is transferred

Policy Management – Create and track any kind of policy across the entire environment in the Asimily solution

Device Tracking – Identify when the device was last seen and its location on the network

Recommendations – Based on Asimily's healthcare-specific research and manufacturer-published recommendations, as they become available for the respective vulnerabilities.

Dashboard and Reporting – Data analysis and visualization providing dashboards and different views of the devices and their environment. Customized reports can be generated based on all the data Asimily Insight is collecting and analyzing.

Integration with Different Systems – Asimily integrates with CMMS, CMDB, RTLS, SIEM, network firewalls, NAC, vulnerability scanners and other systems to ensure that existing investments can be fully utilized.

FOR MORE INFORMATION, PLEASE CONTACT
Website: www.asimily.com
Email: info@asimily.com
Phone: 408-627-4097