DATA SHEET

Asimily + Cisco Integration Solution

Introduction

Asimily's industry leading IoMT risk remediation platform enables Customers to holistically secures mission-critical healthcare devices so they can deliver safe and reliable care.

Challenge

Healthcare and life sciences facilities have seen a surge in the number of connected IoT devices, and as connectivity has increased so, too, have cyberattacks. Managing and securing connected medical and IoT devices is a challenge but essential to stop unauthorized access, data breaches and disruption to patient care.

Together Asimily and Cisco provide a comprehensive solution to meet this challenge. Asimily can feed all of its information to ISE and pxGrid to provide context for medical devices. Asimily can create policies for blocking, unblocking, blocking a port or service, segmentation , micro-segmentation which can be fed to ISE directly from Asimily or by downloading the policies from Asimily and applying on Cisco.

Key Solution Benefits

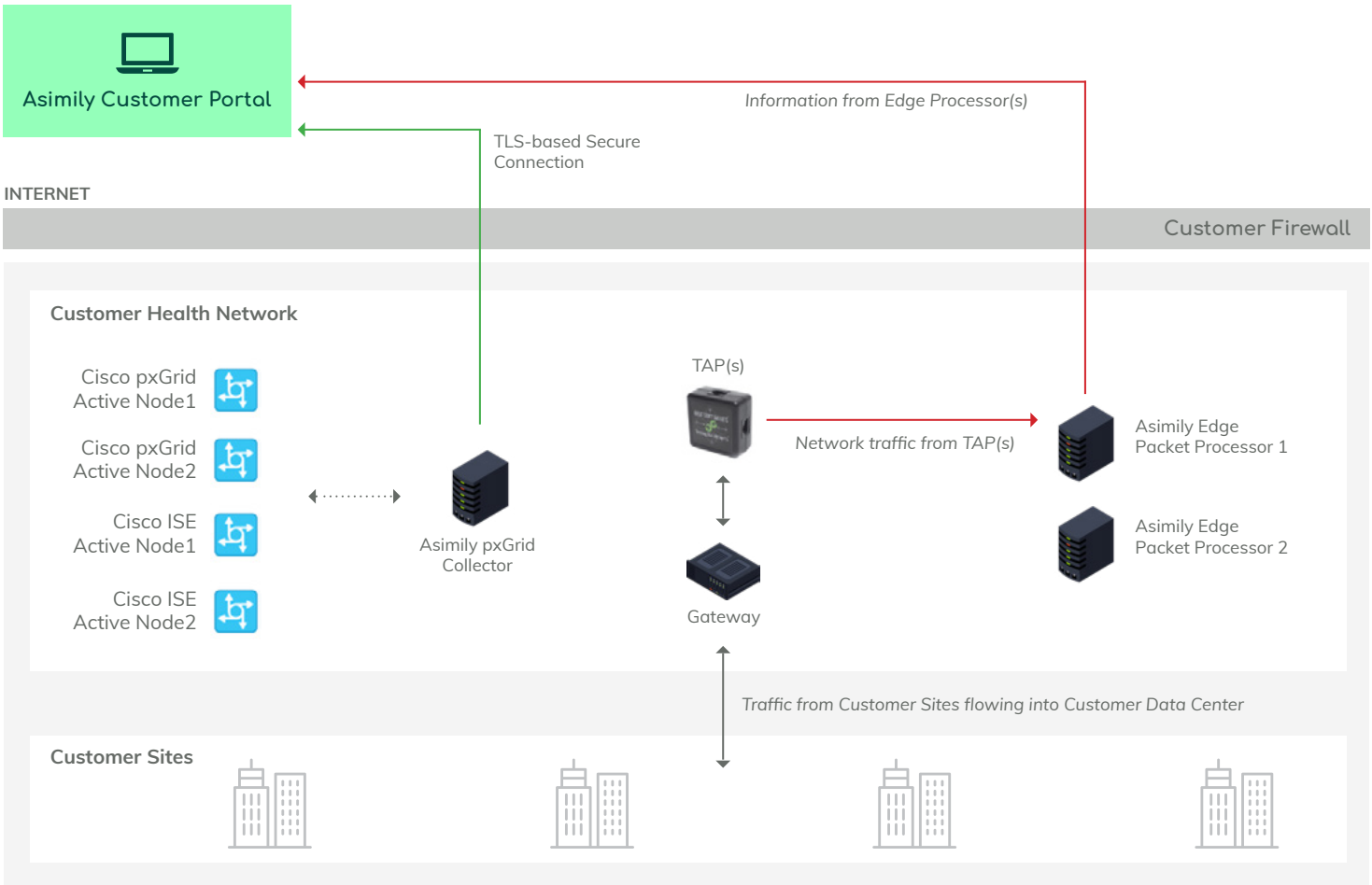
- Precise medical device classification and profiling that are essential for driving network policies
- Rapid network isolation for compromised medical devices
- Automatic service restoration upon remediations

USE CASE	FUNCTIONALITY	BENEFITS
Device Visibility and Profiling	Asimily Insight discovers a detailed set of parameters for medical and IoT devices including Manufacturer, Device Type, Device Model, OS, Software Version, Serial Number, and others	Enriching asset data in ISE with granular classification and other parameters makes creating segmentation and other policies for those assets easy and automated
Quarantine Device	Insight enables quarantining and unquarantining devices via ISE directly from the Insight Console	Streamlined incident response workflows reduce the time to respond to threats
Mitigate Vulnerabilities	For many vulnerabilities, Insight can apply mitigations (e.g., blocking a vulnerable service) via ISE directly from the Insight Console	Targeted mitigation recommendations enable vulnerabilities to be mitigated without relying on patching or segmentation, which are not always viable options

Technical Solution

Asimily Insight integrates with Cisco ISE within the enterprise through the pxGrid controller node (px-Grid API) and the ISE admin node (ERS API). A dedicated Asimily edge appliance or a virtual machine acting as Collector helps Asimily cloud-based portal to connect Cisco ISE and any other third-party vendor platforms deployed within a customer's private network. The Collector must have outbound connectivity with the customer's dedicated portal server in the cloud. The Collector must also have internal connectivity with the required platform such as Cisco ISE.

Network Diagram



About Cisco Networks

Cisco (NASDAQ: CSCO) is the worldwide leader in technology that powers the Internet. Cisco inspires new possibilities by reimagining your applications, securing your data, transforming your infrastructure, and empowering your teams for a global and inclusive future. Discover more on **The Newsroom** and follow us on Twitter at **@Cisco**

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About Asimily

Asimily is an industry-leading risk management platform that secures IoT devices for medical, diagnostic, life sciences, and pharmaceutical companies in the healthcare industry.

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