The Asimily Difference

INVENTORY AND VISIBILITY | VULNERABILITY MITIGATION | THREAT DETECTION AND INCIDENT RESPONSE | RISK MODELING

The attack surface from your connected devices is growing faster than any part of your organization. Each security camera, smart TV, badge reader, sensor or other connected piece of equipment introduces risk. Asimily identifies IoT devices, prioritizes and then mitigates their most critical vulnerabilities that are riskiest in your unique environment. It protects devices against the dangers expected throughout their entire operational life.

Identify and Prioritize the Riskiest 2% of Vulnerable Devices, and Mitigate Risk beyond Patching

- **Recommendation Engine**: Driven by AI, it reduces vulnerabilities more than 10 times faster

- **CVE Fix Database**: Precisely selects from a list of 180+ potential fixes for the one right for you

- **Risk Analyzer**: See your organization's overall risk with customized risk assessments that start - but don't finish - with the vulnerability data

- **Device Ranker**: Asimily analyzes potential attacks using a vulnerability to give a stack-ranked list what's needed to reduce risk now

- **Integrations**: Integrations with popular tools plus a robust API let you customize and simplify your workflows to what most quickly removes risk from vulnerabilities and anomalies

Combat Attacks on Critical Devices, Shadow IT, Device Sprawl, and Third Party Risks

- **Platform Approach**: Use a set of tools designed to keep teams efficient, for any IoT / OT security need during a device's life

- **Pre-Purchase Risk Assessment**: Get quantified risk analysis for a device model and configuration, before it is purchased and installed

- **Device Snapshot**: Safely store known good states for configuration to detect changes and rapidly rebound from errors or ransomware

- **Policy Management**: Enforce rules on allowable device behavior to detect and mitigate active threats

- **Forensic Analysis**: Quickly capture packet-level data for any monitored device, aiding incident response

Asimily's IoT Risk Management

- Creates a complete IoT/OT inventory, collecting 100+ attributes for each device

- Identifies and prioritizes the riskiest vulnerabilities

- Recommends simple, validated mitigation actions based on MITRE ATT&CK Framework

- Conducts a full flow analysis for each device, recording all communication patterns across the network

- Calculates risk for every connected device based on device attributes, dataflows, vulnerabilities, anomalies, configuration, and overall criticality of the device on operations

- Generates ACLs for targeted segmentation for use by a NAC

- Flags anomalous device behavior based on profiling data from millions of IoT devices

- Makes it easy to set policies to monitor accepted risks and identify suspicious activity proactively

- Automates packet capture for forensic analysis of any IoT device to support root cause analysis

- Documents when the device is being used so users can understand utilization and operational efficiency

- Allows device configuration snapshots to be taken, to thwart ransomware and simplify recovery

- Risk simulator helps determine the benefit of work before it is performed, increasing team efficiency

- Centralized information makes IT/OT convergence easier, while finding "unmanaged" devices

MemorialCare

Customer MemorialCare scored **98% on compliance with NIST best practices, 27% better than the industry average**.

Device Risk Score

High

Industry Average

RISK

You

Low
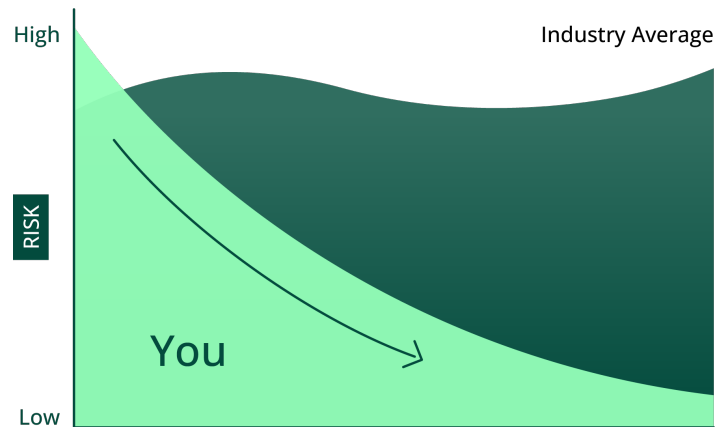
Inc. 5000

170th
fastest growing company

3rd
fastest growing in cybersecurity

500
Technology Fast 500

187th
Deloitte Fast 500 growth company

13th
fastest growing in cybersecurity

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