asimily

IoT Patching

Secure Your Devices With IoT Patching

Install new, safe firmware for IoT devices in just a few clicks (or none)

Network-accessible IoT are targets for adversaries. They need protection at all times. Common IoT devices like printers, IP Cameras and many more get patched regularly. However, patches for different models are present in different content repositories. To add to it, every IoT device type from every manufacturer has its own mechanism to install the patches. Finally. organizations don't always know about them and lack the resources to deploy firmware quickly and at scale.

Asimily makes firmware installations much easier. With just a few clicks, networked devices can become safer, reducing your exposure window vs. exploits that might have caused the firmware to be updated in the first place.

Deny easy attack vectors with patching

- **Quickly Learn About New Patches:** Asimily monitors for patches in the relevant repositories, and makes them available for easy deployment
- **Stop Managing Firmware**: Using the Asimily platform to deploy firmware means customers don't need to understand or master the different mechanisms to install a patch
- **Find Eligible Devices Easily**: All devices eligible for an update can be found, and the install success rate and status easily checked
- **Simple Deployment**: No more command lines – deploy patches, see their status and history all from an intuitive interface for any supported device
- **Rich Detail**: See available firmware versions including which one you are using, to better balance availability and security

Reclaim time with scheduled, bulk, and automated patching

- **Bulk Patching**: Multiple devices can be grouped to receive patches together
- **Scheduled Patching**: With scheduled patching, patches occur at a predetermined time and date, to minimize disruptions
- **Automated Patching**: Optional automated patching allows new firmware availability to trigger that patching process immediately, staying ahead of attackers
- **Constantly Growing Device Support**: Asimily continually adds new manufacturers and device models to its patching database based on customers' needs, future proofing additional purchases

Copyright © 2025, Asimily, Inc. All rights reserved

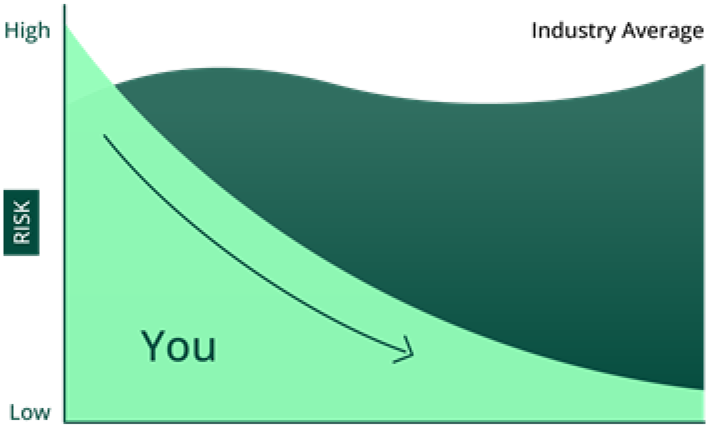
Asimily's IoT Risk Management

- 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
- Calculates risk for every connected device based on device attributes, dataflows, vulnerabilities, anomalies, configuration, and overall criticality of the device on operations
- Deploys patches to devices with available firmware updates
- Generates ACLs for targeted segmentation, segmentation or micro-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
- Fights configuration drift by taking snapshots of known good states to aid restoration and detect deviations with comparison to good state
- Risk Simulator helps determine the benefit of work before it is performed, increasing team efficiency.
- Track utilization of all devices for procurement and planning
- 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



Inc. 5000	**170th** fastest growing company	**3rd** fastest growing in cybersecurity
500 Technology Fast 500	**230th** Deloitte Fast 500 growth company	**11th** fastest growing in cybersecurity

Connect With Us

info@asimily.com
440 N Wolfe Road
Sunnyvale, CA 94085
(833) 274-6459
(833) ASI-MILY

Copyright © 2025 Asimily, Inc. All rights reserved