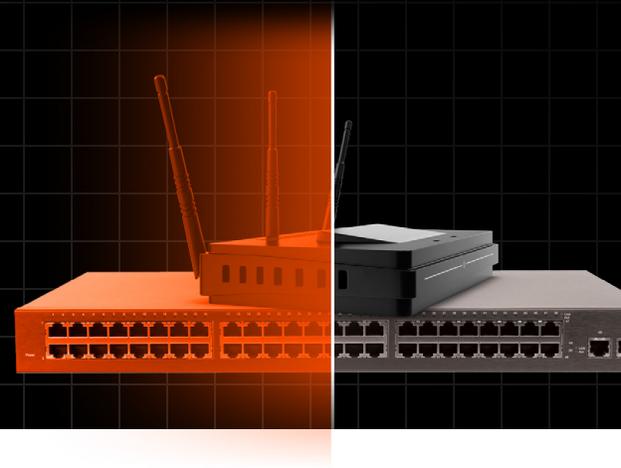# Eclypsium

SUPPLY CHAIN SECURITY FOR NETWORK EDGE DEVICES_

Trust your tech.

Network infrastructure has become the preferred initial access vector for ransomware operators and nation-state threat actors. Vulnerabilities in these devices are hidden from the view of EDR agents and vulnerability managers, making them a perfect target, and safe hiding place, for cyberattackers to establish persistence, move laterally, and distribute malware.

8x
Increase in vulnerability exploitation against network edge devices.

Verizon Data Breach Investigation Report, 2025

23%
Of all Zero Days exploited in 2025 targeted network and security appliances.

Google Threat Intelligence Group, "Look What You Made Us Patch", 2025

6.8x
Higher risk of ransomware among companies using certain on-premises VPNs.

Verizon Data Breach Investigation Report, 2025

Eclypsium mitigates supply chain risk across the entire lifecycle of network edge devices, from procurement through operations, all the way to secure decommissioning.

Defend Against Supply Chain Threats_

With Eclypsium, your teams can quickly and simply implement critical security controls to protect against below-the-surface threats: asset inventory, vulnerability management, and threat detection.

INVENTORY_	HARDEN_	DETECT & RESPOND_
Dynamic inventory of production assets - Build an inventory of every piece of enterprise IT infrastructure, down to the hardware, firmware, and software level.	**Prioritize infrastructure vulnerabilities -** Gain insights into low-level vulnerabilities in hardware, firmware, and software components.	**Detect threats that evade EDR -** Alert on implants, asset profile deviations, and other indicators of compromise for low-level components of your IT infrastructure.
On-demand SBOMs - Generate software bills of material on demand, including hardware and firmware components of devices.	**Simplify compliance -** Track issues at the hardware and firmware levels in frameworks such as NIST 800-53.	**Defend against tampering and counterfeit components -** Validate that assets have not been tampered with and have authentic components.
Assess product risk - Equip security and procurement teams to understand the risk inherent in those products before purchase.	**Monitor and manage firmware across multiple vendors -** Track firmware version, configuration drift and device integrity across numerous network device vendors	**Correlate and integrate -** Send alerts to SIEM and SOAR to enrich threat context and accelerate response.

Defend Against APTs Targeting Network Infrastructure_

Eclypsium detects the latest exploits and vulnerabilities used by advanced persistent threat groups and nation states to target network devices inside critical infrastructure organizations.

Salt Typhoon
Leveraging malware such as GhostSpider, SnappyBee, and Masol RAT.
Devices Impacted: Sophos & Ivanti

Volt Typhoon
Responsible for the KV Botnet.
Devices Impacted: Cisco, Ivanti & Fortinet

Flax Typhoon
Responsible for the Raptor Train Botnet
Devices Impacted: Citrix & Zyxel

Silk Typhoon
AKA APT 27, HAFNIUM.
Devices Impacted: Ivanti Connect Secure, MS Exchange Server, remote access & Privileged Access Management (PAM) solutions

Velvet Ant
AKA China-Nexus group
Devices Impacted: Cisco & F5

Pacific Rim
AKA Personal Panda, leveraging malware such as Winnti-T, Asnarok, and Pygmy Goat
Devices Impacted: Sophos

Eclypsium Benefits_

Detect Hidden Threats
Uncover attacks and vulnerabilities hidden deep in the components and hardware of enterprise IT assets.

Reduce Supply Chain Risk
Catch backdoors, counterfeit components, and tampered, insecure devices before deployment or during operations.

Monitor Device Integrity
Discover tampering, configuration drift, and vulnerable outdated firmware in your IT infrastructure, before it causes a problem.

Achieve Regulatory Compliance
Easily implement security controls for device integrity and firmware security required by NIST 800-53, EU Cyber Resilience Act, & more.

ABOUT ECLYPSIUM_

Eclypsium's platform provides supply chain security for critical software, firmware and hardware in enterprise infrastructure. Eclypsium helps enterprises and government agencies mitigate risks to their infrastructure from complex technology supply chains. For more information, visit eclypsium.com.