



SUPPLY CHAIN SECURITY FOR ENTERPRISE INFRASTRUCTURE

Trust your tech.



Each piece of your IT infrastructure depends on an incredibly complex supply chain. Every hardware, firmware, and software component in endpoints, network devices, and servers can include vulnerabilities or malicious implants introduced through the supply chain.

Supply chain attacks evade EDR and can maintain persistence after patching and rebooting—leading to devastating results. And this type of attack is on the rise. From 2024-2025, exploitation of vulnerabilities caught up with credential abuse for initial intrusion, and attacks targeting network devices increased 8x. Half of exploited zero day vulnerabilities affected enterprise technology, with 23% targeting network and security products specifically. The IT supply chain is introducing more risk than ever. How do you safeguard your enterprise?

“The roots of trust in your IT infrastructure are extremely important, yet are extremely difficult to inspect and not well understood. Eclipsium’s supply chain security solution solves these critical problems simply.”

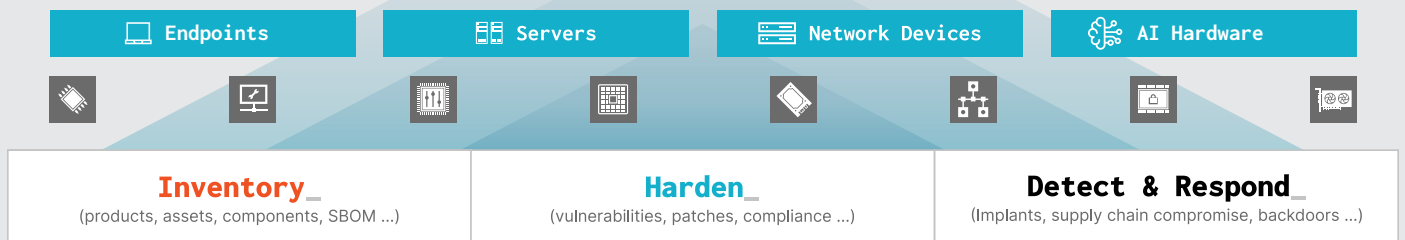
Tim Lisko, Senior Director of Security Engineering
DigitalOcean

DEFEND AGAINST SUPPLY CHAIN THREATS

The Eclipsium supply chain security platform protects hardware, firmware, and software components. With Eclipsium, your teams can quickly and simply implement critical security controls to protect against below-the-surface threats: asset inventory, vulnerability management, and threat detection.

Supply Chain Security Platform

Continuous monitoring and remediation of your IT infrastructure.





INVENTORY

Dynamic inventory of production assets - Build an inventory of every piece of enterprise IT infrastructure, down to the hardware, firmware, and software level.

On-demand SBOMs - Generate software bills of material on demand, including hardware and firmware components of devices.

Assess product risk - Equip security and procurement teams to understand the risk inherent in those products before purchase.

HARDEN

Prioritize infrastructure vulnerabilities - Gain insights into low-level vulnerabilities in hardware, firmware, and software components.

Simplify compliance - Track issues at the hardware and firmware levels in frameworks such as NIST 800-53.

Automate firmware updates - Schedule and automatically apply critical firmware patches.

DETECT & RESPOND

Detect threats that evade EDR - Alert on implants, asset profile deviations, and other indicators of compromise for low-level components of your IT infrastructure.

Defend against tampering and counterfeit components - Validate that assets have not been tampered with and have authentic components.

Correlate and integrate - Send alerts to SIEM and SOAR to enrich threat context and accelerate response.

AUTOMATA BINARY ANALYSIS SYSTEM

The Eclipsium platform is powered by the most sophisticated binary analysis system on the market. Eclipsium Automata replicates the domain expertise and reverse-engineering techniques of our expert security research team. Importantly, Automata runs 24/7 and analyzes 100% of new binaries in customer environments, protecting against previously unknown threats, vulnerabilities, and misconfigurations. It uses multiple methods and ML models, and scales to handle millions of firmware and software binaries without requiring any action from the customer.

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

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