Lenovo

ThinkShield

Firmware Defense

TRUST EVERY DEVICE IN YOUR DIGITAL SUPPLY CHAIN.

Given the complex and global nature of the digital supply chain, there are growing concerns around security and integrity, particularly when it comes to sub-suppliers and intermediaries. ThinkShield Firmware Defense powered by Eclypsium secures and protects the third-party infrastructure code your organization depends on. The attack surface below the OS has become increasingly popular for threat actors in recent years. The ThinkShield inventory and assessment of device-level code significantly reduces the risk of attack and down time for your employees, whether they use Lenovo devices or not.

Powered by:

eclypsium

Smarter technology for all

Lenovo

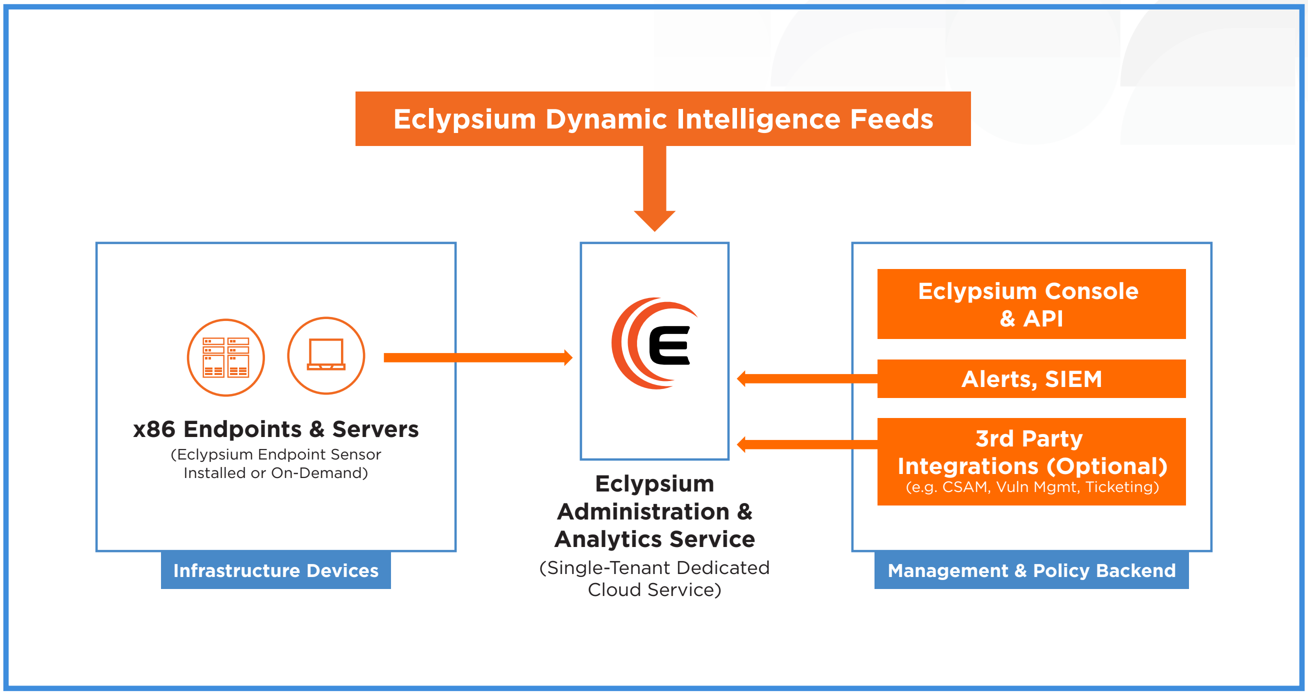
ThinkShield Firmware Defense

Key Benefits

- Scalable zero trust for every enterprise device
- End-to-end assurance of digital supply chains
- Continuously verify the integrity of every device
- Find and fix vulnerabilities & misconfigurations

How It Works

- ThinkShield Firmware Defense **identifies** each asset using a quick scan either continuously and invisibly running in the background, running once, or running remotely.
- ThinkShield Firmware Defense **verifies** the integrity of the hardware, firmware, and software supply that makes up each asset using a dynamic intelligence feed and powerful analytics.
- ThinkShield Firmware Defense **fortifies** each asset with updates/configuration recommendations and/or connections to enterprise tools including configuration management, SIEM, and other existing process/tools.


Eclypsium Dynamic Intelligence Feeds
x86 Endpoints & Servers
(Eclypsium Endpoint Sensor Installed or On-Demand)
Infrastructure Devices
Eclypsium Administration & Analytics Service
(Single-Tenant Dedicated Cloud Service)
Eclypsium Console & API
Alerts, SIEM
3rd Party Integrations (Optional)
(e.g. CSAM, Vuln Mgmt, Ticketing)
Management & Policy Backend

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Use Cases

SUPPLY CHAIN RISK MANAGEMENT

Directly ship new devices to remote workers, while validating their firmware is safe and has not been compromised in the supply chain.

RANSOMWARE AND ADVANCED THREAT PROTECTION

Proactively detect the presence of firmware-focused ransomware and malware. Ensure devices are free from firmware implants and backdoors. Receive automated alerts to any firmware integrity changes.

CLOUD-BASED REMOTE UPDATES AND PATCHING

Keep devices in a secure state by remotely patching or updating out-of-date or vulnerable device firmware. Eclypsium can either deploy updates directly or integrate with existing processes and tools to make patching more efficient for a large organization.

SECURITY FOR REMOTE AND TRAVELING WORKERS

Monitor the integrity of end-user devices that are deployed remotely or are traveling in high-risk areas. Receive automated alerts to any changes in device integrity and find weaknesses in device posture that could put the device at risk.

Ready for a demo?

Talk to your local Lenovo representative to see how ThinkShield Firmware Defense lets you trust every device in your digital supply chain.

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