

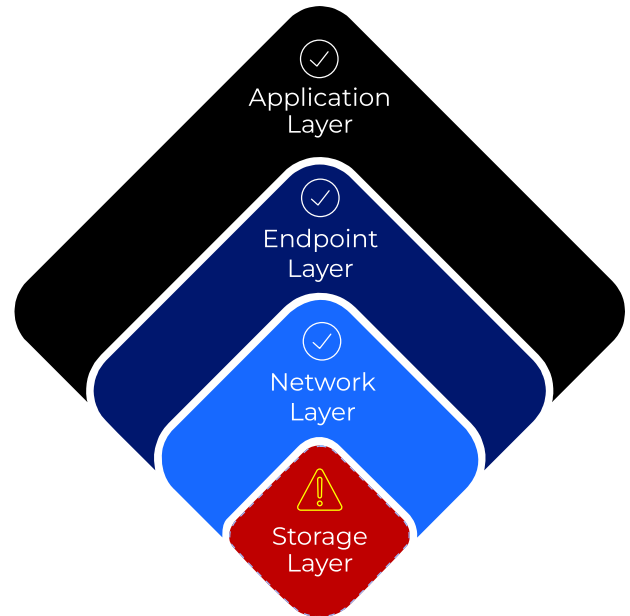
Data Security Essentials

Unstructured Data Platforms - NetApp/Windows/HNAS

Protect your data at its source

Cyber attacks continue and are accelerating, with attackers targeting companies data.

- Traditional approaches to data protection and cybersecurity have proven inadequate in detecting or stopping ransomware attacks. These solutions typically focus on the network and application layers, but not the data layer.
- Even organizations with extensive security and data management approaches in place have suffered permanent data loss and costly disruption, often resulting in severely damaged reputations.
- In 2024, the average cost of a ransomware attack was \$4.54M ([IBM](#)).



The Solution

Securing the perimeter is no longer enough. Your data needs to be protected at its source.

Coined Cyberstorage by Gartner, Cyberstorage protection not only makes good business sense, but is essential for a robust cyber resilience strategy.

Cyber threats evolve faster than traditional defenses. Superna Data Security Essentials, integrated with your unstructured data platform, provides automated, real-time threat detection and response at the data layer. This lightweight, fast-to-deploy solution protects your most valuable data from ransomware and insider threats—without adding complexity.

Why Cyberstorage?

[Gartner Innovation Insight Report: Cyberstorage](#)

"Prioritize active protection and security of unstructured and structured data storage systems because limiting or blocking an attack is more effective than recovering from one."

Data Security Essentials Highlights

- **Prevention is the new recovery:** Stop threats before they impact business operations.
- **Cyberstorage security at the data layer:** Protect your data where traditional security fails.

- **Security Integrations:** Into SIEM and SOAR infrastructures.
- **Instant protection, no complexity:** Lightweight install, no new infrastructure required.

Detect and Respond

Prevention

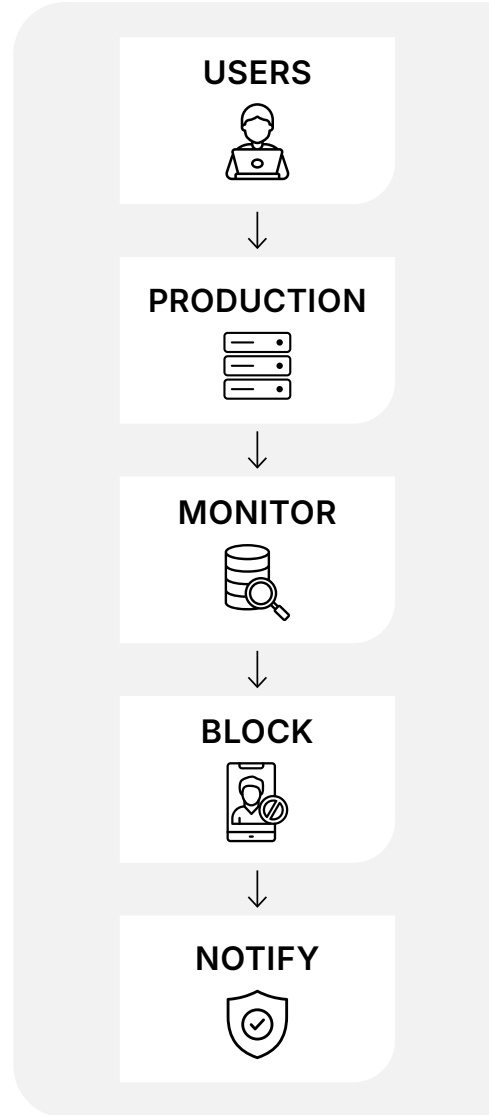
- Watch for suspicious behavior in real time.
- Spot known ransomware extensions and abnormal patterns fast.
- Stop mass deletions with policy-based protection.
- Set custom rules to catch threats early.
- Protect your shares and/or application servers

Response

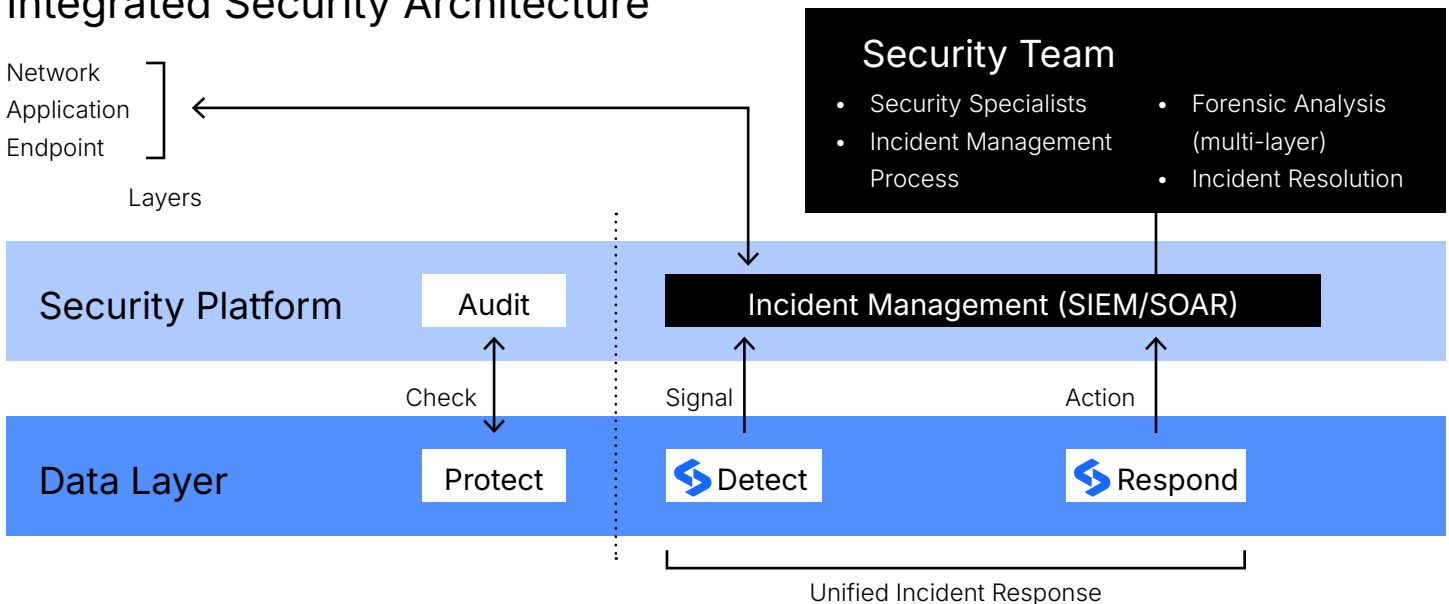
- **Auto Lockout Block:** Access to shares, disable AD accounts, log off the user.
- **Block Dangerous Files:** Stop creation or access of unwanted file types. Delete or quarantine by extension.
- **Stay Alert:** Send real-time alerts. Feed security data into your SIEM and IT ops tools.
- **Investigate Quickly:** Track user behavior over time. Pinpoint what was hit and when. Speed up incident response.
- **Find Misplaced Data:** Follow the trail when files get moved. Help users recover what they lost.
- **Clean Up After Incidents:** Hunt down files with ransomware extensions. Quarantine or delete as needed.

Manage Storage Smarter

- **Aged Data Deletion:** Clear out files past retention timelines.
- **Temporary File Cleanup:** Remove orphaned temp files left behind by crashed apps.
- **Quota Controls:** Set limits per share or directory. Keep storage use and cost in check.



Integrated Security Architecture



Technical Highlights

- Full integration with NetApp's FPolicy engine
- Native integration with the Windows file system
- End-to-end security for NetApp, Hitachi NAS, connected Windows OS hosts,
- Flexible centralized management and distributed agent based architecture
- Quick and easy installation on Windows OS in minutes
- No additional hardware needed—installs directly into existing environments.
- Low-impact security overlay that integrates seamlessly with your storage platform



Gartner Innovation Insight Report

Cyberstorage Traditional security layers alone aren't enough to combat modern cyberattacks. Cyberstorage adds a crucial storage-level defense to mitigate ransomware and minimize data loss.

[Download the Gartner Cyberstorage Report](#) to discover how organizations are leveraging this breakthrough technology to stay ahead of evolving threats.

Get Started with Superna



Schedule a Demo |  **Speak with an Expert**