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# Data Protection Suites

## Product Datasheet

The Superna Eyeglass® Data Protection suite, Enterprise Data Protection suite & Enterprise Plus Suite addresses the key business problems of protecting and securing unstructured data.

## Superna Eyeglass®

### Data Protection Suites

The Data Protection suites uses an integrated approach to centralize configure, monitor, and apply automated policies for data protection and security. Management of data protection and security policies can be easily centralized or distributed with Role Based Access. We offer 2 levels of Eyeglass suites.

The Data Protection Suite includes:

- DR module, Ransomware Defender, Easy auditor and Storage cluster monitor.

The **Enterprise** Data Protection Suite includes:

- DR module, Ransomware Defender, Easy auditor and Storage cluster monitor + **Search & Recover**

#### Overview Video

[https://youtu.be/\\_MTU8mCf-6g](https://youtu.be/_MTU8mCf-6g)

Combining data protection and security simplifies and reduces the cost to protect Scale out NAS by using common automated

responses to security events by leveraging Cluster features such as SnapshotIQ Snapshots, SyncIQ Replication, and REST API to modify share/exports to lockout user access to data. The Data Protection Suite assists with compliance with industry regulations such as PCI, HIPAA and FedRAMP that require sensitive information to be protected, audited, and secured.

The Superna Eyeglass Data Protection Suite addresses all key business requirements to simplify compliance and data protection for Isilon storage.

#### Applications

##### DR Automation Module

The suite's DR module eliminates the complexity of manual failover with one button failover automation for all required steps, including Active Directory, DNS, and Windows or Linux client data access. Readiness monitoring along with continuous DR testing features allow non-disruptive testing while production data is replicated. RPO reporting trends DR performance and cluster configuration reports enables monitoring critical device documentation

##### Overview Video

[https://youtu.be/mUL1a\\_ak\\_3I](https://youtu.be/mUL1a_ak_3I)

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### Ransomware Defender Module

Ransomware Defender minimizes the cost and impact of ransomware by protecting data from attacks originating inside the network. The solution uses per user behavior analytics to detect abnormal file access behavior to protect the file system. The Ransomware Defender module uses automatic snapshots, identifies compromised files, and denies infected users' accounts from attacking data by locking the users out.

#### Overview Video

<https://youtu.be/bEi2GflxVcE>

### Easy Auditor Module

Easy Auditor simplifies and lowers the cost of file access security reporting and introduces real-time audit features. It enables pro-active protection of data with automated responses that protect data before it is compromised. Reporting and searching audit is possible with interactive UI or scheduled reports for longer running queries.

#### Overview Video

<https://youtu.be/SbUvN9l0HhI>

### Cluster Storage Monitor Module

Cluster Storage Monitor is aimed at reducing storage administration costs with automated

template based quota creating, granular disk usage reporting, quota management. Automated cluster reporting for charge back at Share, NFS granularity and all existing and new quotas. A helpdesk application allows delegation of open file and unlocking of files to simplify and speed up the process of assisting users with locked files.

#### Overview Video

<https://youtu.be/bsjoL0XoYj0>

### Search & Recover (Enterprise suite only)

This product allows per path metadata or content indexing with integrated change list support for incremental indexing. Supports billions of files to allow the following use cases:

- End user secure search portal
- Administrator:
  - File system analytics for old files, low access files, file type reporting
  - eDiscovery searches of content
  - File System automation with built in script generation for ISI automation, permissions reporting, ACL reporting, bulk file operations on search results
  - Compliance for HIPAA, PCI,

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- GDPR locate personal information in over 1000 file types
- **Overview Video**
- <https://www.youtube.com/watch?v=WYVSYrBXFvs&feature=youtu.be>

- c. Why is login taking forever today?
- 2. Answer questions about your cluster load balancing configuration
- 3. Root cause business impacting performance issues

## Performance Auditor

Scale out NAS introduces challenges to monitor performance across all nodes in a cluster. User file IO requests can move between nodes, busy file system paths may not be balanced and user subnets can cause unbalanced IO across the cluster. When a performance issue pops up you need answers fast.

1. Answer user questions about performance.
  - a. Why is the NAS slow?
  - b. My applications are not processing transactions normally

### Key Features

1. Real time view of node by node user and application IO
2. Calculates node impact by analyzing user file IO behavior and summarizes node impact visually
3. Computes a summary of key performance indicators per Isilon node:
  - a. Top Users
  - b. Top File System paths
  - c. Top Subnets
  - d. Read/Write ratio by path
4. Overview Video  
<https://youtu.be/vYGY62sYdWQ>



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