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Search & Recover
Product Datasheet

Customers with massive repositories of file data cannot extract value from this asset without scalable search and analytics tools. Eyeglass Search & Recover addresses this problem with full content and metadata indexing.

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Search & Recover

Managing billions of files requires an Enterprise class search platform to enable users to find data faster and administrators to manage capacity, file life cycle aging , eDiscovery and compliance requirements to locate GDPR, PHI and PCI data.

The solution maintains a current index of the content leveraging Dell EMC Powerscale change list API and REST API. This ensures up-to-date results even when files are changing constantly. We didn't forget security either, the solution will only return results to data the end user is entitled to see based on existing Isilon SMB share level security. SMB share level & ACL home directory or group share Security is dynamically discovered and honored for all search results to end users.

Key Features:

1. Search for files with metadata by path, file type, data stamps and more.
2. Enable **content indexing** of over 1000 file types with full content keyword searching based on document contents
3. **Showback automated reporting** (Excel or CSV) emailed reports
4. User secure search or administrator mode
5. **File System Analytics Reports**
   a. **Showback** usage reporting by path with end user emailed report
   b. **Stale and aging** data reporting by month , year based on last accessed or last modified dates
   c. **File Pool Usage** reporting and file reporting per file pool
   d. Identify "**Who used the space**" reports
   e. **Data growth** forecasting into

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future months, years

   f. **Smartlock expiration** file reporting and location of eligible data for deletion

   g. Data **ownership** summary

   h. **File type** summary analysis

   i. Data Classification reporting

6. Automated Scheduled reports for users, administrators

7. **Self Serve User data recover portal**

   a. Snapshot indexing and Search

   b. Administrator data search and file recovery portal

8. Advanced scripting actions against result lists to automate ACL reporting, data movement

9. Export reports of file lists to CSV or Excel

10. **Beta Features**

   a. Data Classification tagging. Tag files as PCI, PHI, credit card based on powerful regex content aware pattern match that tags documents based on customizable content patterns. No additional disk space needed unlike full content indexing.

   b. **S3 bucket metadata indexing** allows S3 buckets to be indexed and integrated into the search results. Support for AWS, ECS, Azure and Google along with other S3 endpoints.

Use Cases

1. **User self-serve portal** content and file search from the files system or historical snapshots. Allows users to copy a full UNC path.

2. **eDiscovery** content search for GDPR, PCI, HIPAA and legal discovery

3. **File System showback reporting**
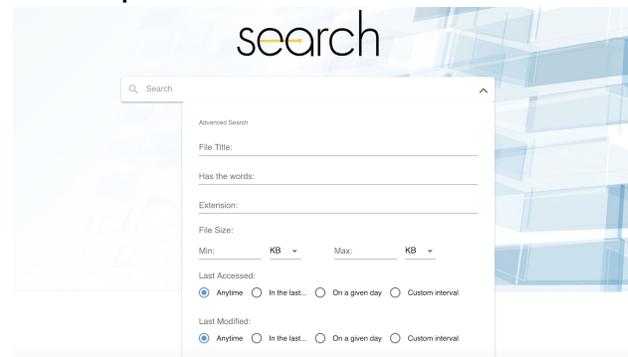
   a. Send automated show back reports to users

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4. **What's Growing old?** Aging data reports and graphs
5. **Who Owns that?** - user data ownership reporting by path
6. **Who Used Up the space? -** Identify users responsible for rapid data growth on any path
7. **What's been archived? -** Cloud Pool Aware reporting for all quick reports.
8. **Show me the Types? -** File type reporting
9. **Where did my data go?** Search snapshots for deleted data or previous versions of data.
10. **Recover My Data** - Users can restore data from snapshots back to the file system without file collisions
11. **Capacity Management Repor**t - Reports on which users are responsible for storage growth on any path
12. **File System Analytics** - Advanced searches on last accessed, created, modified, file extension combined with content

provides unmatched analytics capabilities

Visit the product page at https://www.supernaeyeglass.com/eyeglass-search
Contact us at sales@superna.net