



# Superna® Golden Copy™

Provides File-to-Object and Object-to-File data orchestration, for creating backups, staging, and syncing data in hybrid cloud storage architectures

## OVERVIEW

Superna's Golden Copy is an Isilon/PowerScale integrated File-to-Object copy tool with a built-in load balancer for Dell ECS and other S3 targets, removing the requirement for external load balancers. An archive/backup and recall platform simplifies moving files to object storage for long-term retention or tertiary copies. Files are archived or backed-up with full metadata protection using native Object property tags and native file format copies. Golden Copy provides a complete solution to simplify File-to-Object archiving, and sync workflows from File-to-Object and Object back to File. It offers scale-out copy performance with optimizations for both small and large files.

## THREE OPTIONS TO MEET YOUR UNIQUE NEEDS

**Golden Copy Backup Bundle.** Basic archive feature set optimized for backup and restore with copy and sync capabilities.

**Golden Copy Advanced License.** Optimized for backup and restore use cases, includes integration with Superna® Ransomware Defender™ and automation workflow API enhancements.

**Golden Copy Pipeline.** A subscription-based license that includes unique workflow features:

- **Media Mode.** Real-time data reduction during backups removes duplicate data caused by symlinks/hardlinks with full file system transparency, preserving links from File-to-Object and Object back to File Systems. Recreates symlinks/hardlinks and helps to minimize disk space expansion.
- **Dropbox Mode.** File-to-Object and Object-to-File moves data to target storage and removes from the source, ideal for high-volume use cases such as media and entertainment, machine learning, and artificial intelligence. Enables rapid-access local storage with automated workflows from on-prem to cloud and back.

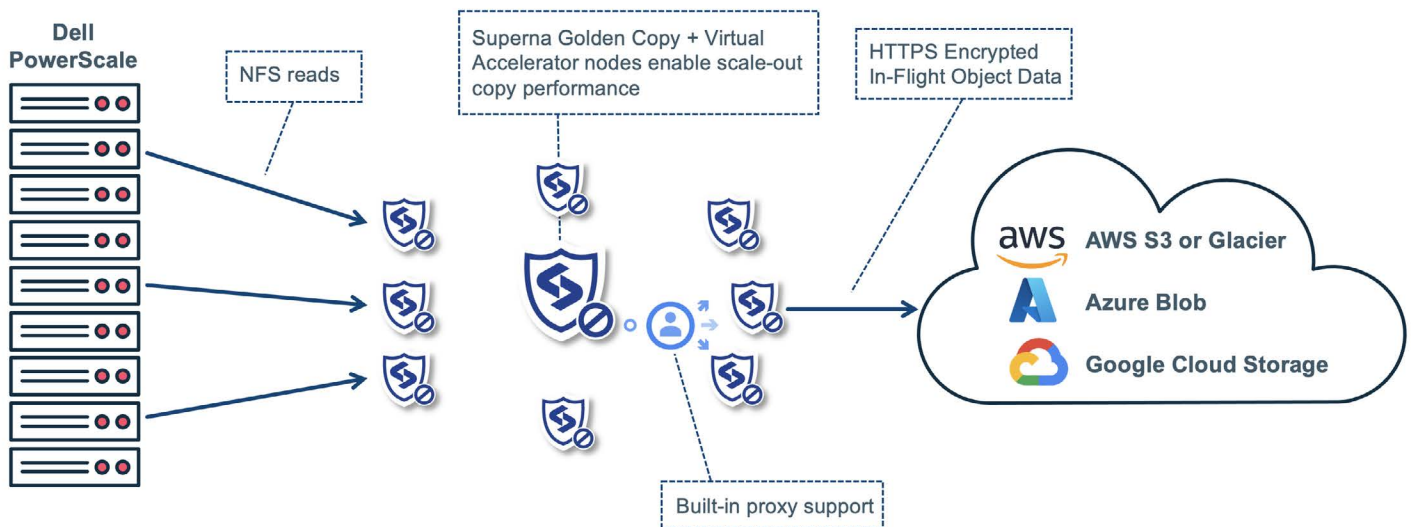
## HIGH-PERFORMANCE DATA ORCHESTRATION

The software-only solution provides a high performance File-to-Object sync/backup/archive platform. It provides advanced data orchestration workflows with both File-to-Object and Object-to-File features. Superna's copy, move, or sync allows any workflow to be created. And an SMB file system security overlay helps to simplify data access permissions.

## HIGHLIGHTS

- Provides File-to-Object and Object-to-File data orchestration
- High-performance File-to-Object with scale-out virtual machine option
- Eliminates vendor lock-in. Native file copy allows access to your data with any S3 tool, as well as using Golden Copy for data access
- Fully integrated with Zero-Trust Backup API
- Validated for use with Commvault and Veeam
- Integration with Amazon, Azure, and Google Cloud enables access to all advanced features of target storage
- Built-in cloud browser enables browsing of S3 object targets with no need for external tools

## Golden Copy Deployment Architecture



Superna Golden Copy offers high-performance File-to-Object with a scale-out Virtual Machine option.

### Supported Object Target Devices

- Dell ECS
- AWS (Glacier and Deep Archive)
- Snowball bulk loading
- Azure Blob
- Data Box bulk loading

See a full list of targets and features [here](#).

### Target Use Cases

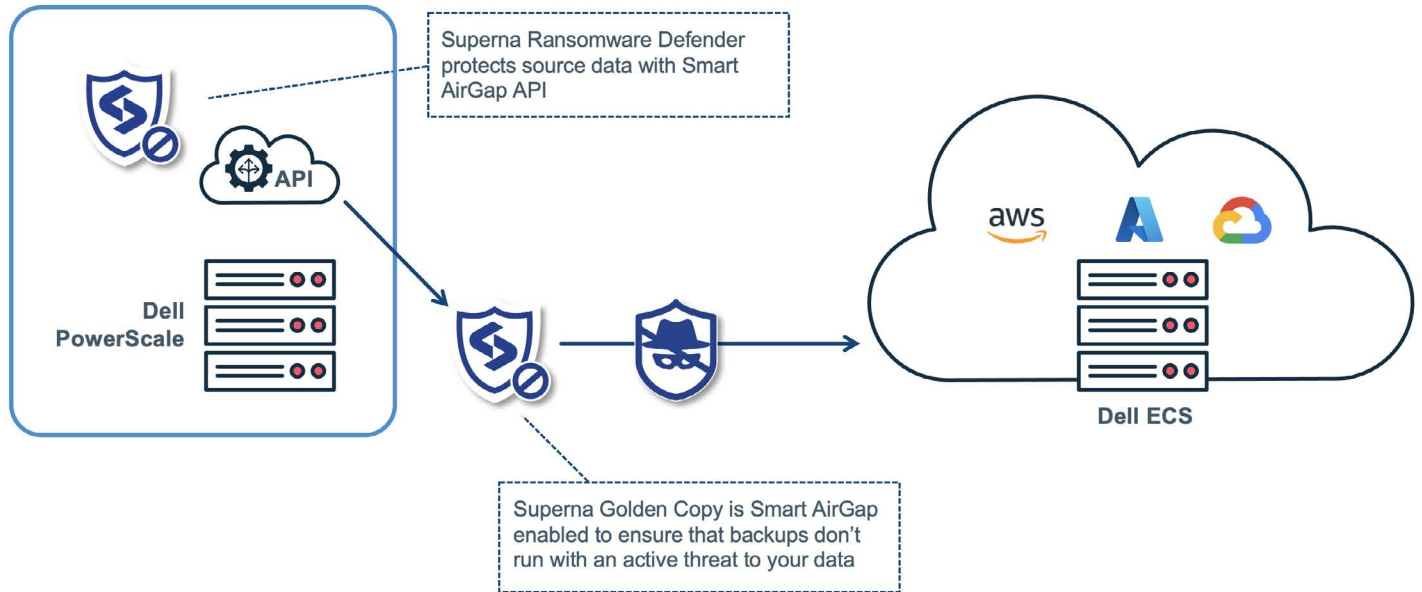
- Zero-trust backup to the cloud; full integration with Superna Ransomware Defender
- Sync Mode for continuous syncing, incremental always
- Bulk data loading with AWS Snowball and Azure Data Box
- Copy snapshots or Isilon/Powerscale paths to S3 Storage
  - Scheduled Incremental Change List-aware sync mode
  - S3 version support to maintain multiple copies
- Create master copy of a dataset in S3-compatible storage

## KEY FEATURES

- File Metadata Protection: Embeds file metadata into the object properties for owner, group, ACL, data stamps, mode bits
- Smart AirGap API integration with Superna Ransomware Defender
- Unlimited data copying without any limits or restrictions on quantity of data copied or recalled
- An Isilon/PowerScale-integrated tool to sync a copy of a path(s) on Isilon/PowerScale to an S3 storage bucket
- Uses Isilon/PowerScale snapshot change list to support fast incremental syncs
- Scheduled or one time Sync of data
- Always Incremental with Isilon native change list support
- Supports Isilon/PowerScale snapshot compare
- Multi-part upload support
- Supports copy rate limiting for WAN link saturation
- Delayed deletes to S3 copy or no deletes on source propagated to the target storage bucket
- Direct Object to File Recall: Recalls entire paths or partial paths from S3 to Isilon file systems with full metadata recall of ACL's, owner, group, mode bits and last modified stamps.

## ZERO-TRUST BACKUP TO THE CLOUD

Golden Copy Backup Edition offers next generation zero-trust backup. Integration with source data threat awareness with Smart AirGap API integration with Ransomware Defender enables Golden Copy to pause backup and sync operations if active threats are detected.



## SUMMARY

Superna Golden Copy provides a high-performance File-to-Object and Object-to-File data orchestration for creating backups, staging, and syncing data in hybrid cloud storage architectures. Advanced data orchestration tools allow any workflow to be created, while Superna's SMB file system security overlay simplifies assignment and management of data access permissions. By focusing on a "data first" strategy, Superna's tools for security, analytics and protection can help you reduce risk and achieve better business results.

## WANT TO LEARN MORE?

Interested in learning more about how Superna allows you to secure and protect your structured and unstructured data regardless of where it resides: on-prem, in the cloud, or in a hybrid environment? [Contact us](#) to speak to one of our data protection experts or to schedule a personalized demo.

For more insight into how Superna® can help solve your organization's unstructured data security challenges, visit us at [superna.io](https://superna.io).