

Optimize Filers, Consolidate Files, and Streamline Backup and Recovery

Benefits

- Reduces storage TCO by 4x vs scale-up storage
- Streamlines data backup & recovery
- Optimizes primary storage with smart provisioning
- Consolidates & protects files on one searchable platform

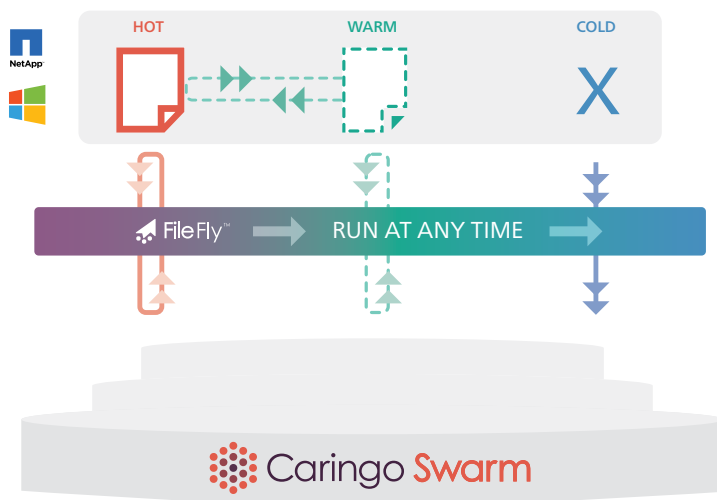
Can you scale your storage to multiple petabytes and trillions of files while driving down your total cost of ownership (TCO)? Can you take advantage of today's cloud-like storage infrastructure on standard hardware with no application changes and transparent end-user file access? With FileFly™ for Caringo® Swarm, the answer is yes!

Optimize NetApp & Windows Filer Use, Conserve Resources & Drive Down TCO

FileFly for Swarm, Caringo's incredibly resilient and efficient object storage software, is the only solution you need for complete, automated file lifecycle management—from creation to preservation. Working with both NetApp® and Windows® filers, FileFly simplifies the transition of your data from NAS to Swarm's

simple, bulletproof, limitless storage. You select the level of file data movement based on your business requirements and reap the benefits of increased data protection, seamless and transparent file backup, and smart provisioning of primary storage. Once on Swarm, your data is continuously protected (without using RAID which can increase rebuild times, putting you at risk for data loss). You can scale to hundreds of petabytes on the standard hardware of your choice, reducing storage TCO 4x versus primary NAS. Once on Swarm, your data is consolidated and protected, enabling robust search capabilities and secure access from any authorized application or device.

Smart File Movement Based on Value



File-Level Policy Automation

Control the File Value Lifecycle with Insight & Precision

Typical file-migration solutions often rely on a disparate mix of data management software, storage infrastructure and backup applications—perpetually increasing complexity and requiring significant amounts of manual management. Unlike those solutions, FileFly radically simplifies the file-transition process—automatically and transparently moving the right level of file data at the right time to Caringo Swarm.

Enhance Business Agility Without Changing Workflow (*until you want to*)

Protect

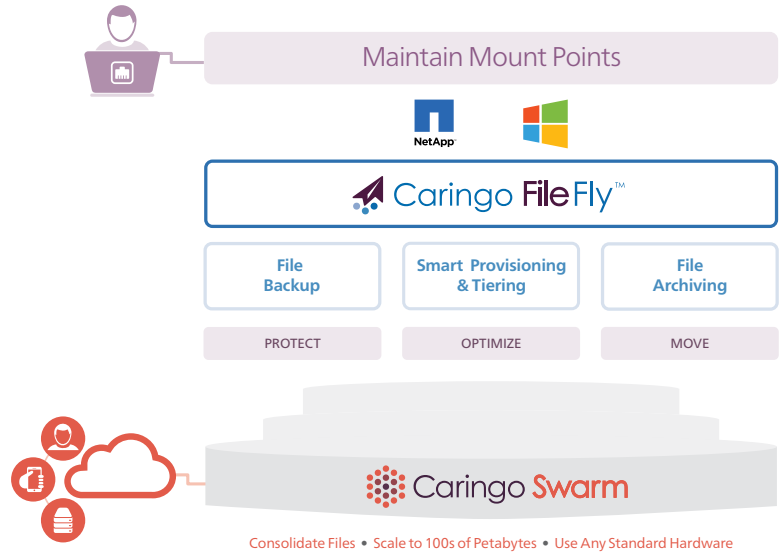
Automated file backup **simplifies data protection**, removing the need for expensive traditional backup software and the associated management overhead.

Optimize

Smart provisioning **maximizes your primary storage** by intelligently transitioning data to lower cost, highly resilient Swarm-based feature-rich object storage.

Move

File-level active archiving moves files completely to Swarm—reducing reliance on primary storage while **consolidating files** and providing **robust search** capabilities and **secure access**.



Additional Features

NETAPP COMPATIBILITY	ROBUST SEARCH	IN-FLIGHT & AT-REST ENCRYPTION
Supports ONTAP® integration for 7-mode (v7.3.6 and above) & C-mode (v8.0 and above) through the F-Policy API including full NetApp Snapshot support.	Search based on source file name, folder path, MIME Type, attachment content-disposition, date created, date modified, basic attributes (Windows A, S, H, and R), owner name &/or source host.	Industry-standard AES256 bit data encryption of file data in flight and at REST within Swarm. Full SSL encryption of all traffic in transit between FileFly and Swarm is supported with CloudScaler™.
WINDOWS SERVERS COMPATIBILITY	ACCOUNTS & METERING	FLEXIBLE ACCESS
Native Windows server functionality is leveraged including full Active Directory integration, CIFS/SMB shares, NFS exports, WebDAV & clustering for HA (High Availability) configurations.	FileFly extends Caringo CloudScaler enabling you to write files to administrator-defined buckets, each with unique security, quotas & usage reporting.	Swarm supports access over HTTP via the Swarm API, the Amazon S3™ API, standard storage protocols (through optional interface) or through Caringo ISV (independent software vendor) partner applications.

For More Information

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