

# Optimize Filers, Consolidate Files and Streamline Backup & Recovery

## Benefits

- Consolidates & protects files on one searchable platform
- Streamlines data backup & recovery
- Optimizes primary storage with smart provisioning
- Drive down TCO and TCA up to 75%

Can you scale your storage to multiple petabytes and trillions of files, optimize your filers, and consolidate files across multiple locations—all while driving down your total cost of ownership and acquisition? Would you like to take advantage of today’s web-scale storage infrastructure with no application changes and retaining transparent end-user file access?

You can, with Caringo® FileFly®.

## Transparent, Automated Tiering from NetApp and Windows Filers to Web-Scale Storage

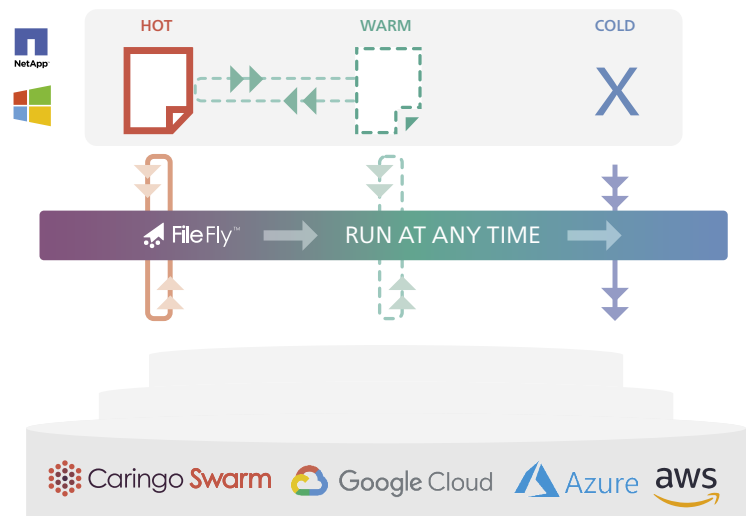
FileFly is the only solution you need for complete, automated data lifecycle management of all your unstructured data—from creation to preservation. Working with both NetApp and Windows filers, FileFly simplifies the migration of secondary data from NAS to Caringo Swarm, Amazon AWS, Microsoft Azure or Google Cloud. You select the level of file data movement based on

your business requirements and reap the benefits of consolidating data on a single platform, easily adding a remote disaster recovery (DR) site, seamless transparent file backup and smart provisioning of primary storage.

## 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, Amazon AWS, Microsoft Azure or Google Cloud.

### Smart File Movement Based on Value



### File-Level Policy Automation

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

## Protect

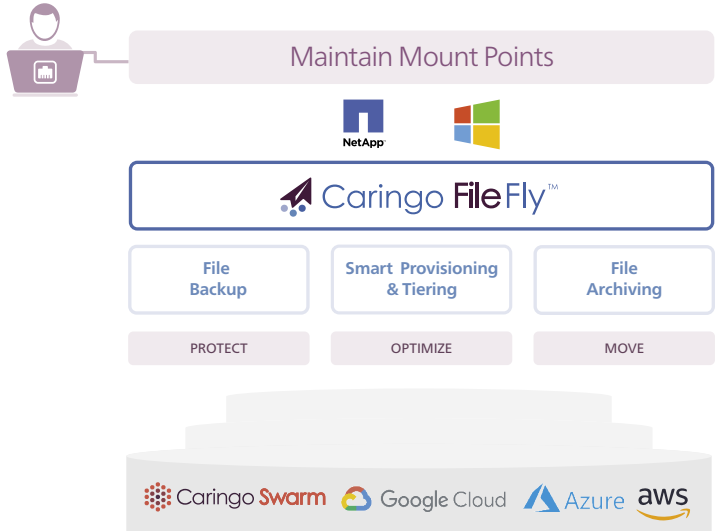
Automated file backup **simplifies data protection**, removing the need for expensive traditional backup software and the associated management overhead.

## Optimize

Smart provisioning **maximizes your primary storage** by intelligently transitioning data to lower cost, highly resilient object or cloud storage

## Move

File-level active archiving moves files completely to secondary storage—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 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.
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 enables 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