

vFILO

Distributed File and Object Storage Virtualization

UNPRECEDENTED VISIBILITY AND CONTROL OVER WIDELY-SCATTERED DATA

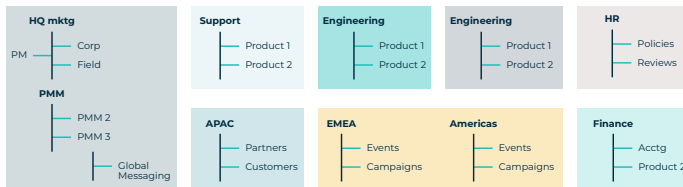
DataCore™ vFILO™ is a next-generation distributed file and object software-defined storage (SDS) solution which provides unprecedented visibility and control over widely-scattered data spread across NAS, file servers, and object stores through a multi-site, keyword-searchable global namespace. It continuously migrates, load balances, and safeguards data among on-premises and cloud storage tiers using machine learning and arbitrage modeling to optimize for cost, performance, capacity, availability, and compliance to achieve business objectives.

vFILO combines the capabilities of a scale-out distributed file systems while delivering on the benefits of an object storage system, supporting NFS, SMB, and S3 protocol access to the same set of data, plus the ability to manage, optimize, and migrate data in existing storage systems. Inactive data is de-duplicated, compressed, and moved to lower cost storage such as a cloud S3 bucket. DataCore's enterprise-class data services are unconstrained by hardware infrastructure or geography and include live data mobility, self-service undelete, snapshots/clones, and replication at any level of granularity.

BEFORE

Separate Filers → **FRUSTRATING!**

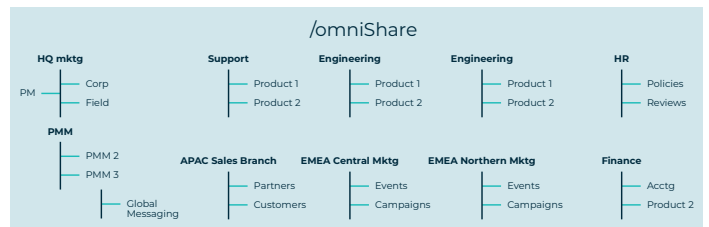
Must know the specific filer and directory/folder hierarchy to store or find anything



AFTER

Global Namespace with Tags → **EASY!**

Keyword search and automatic load balancing are no longer constrained by organizational hierarchy

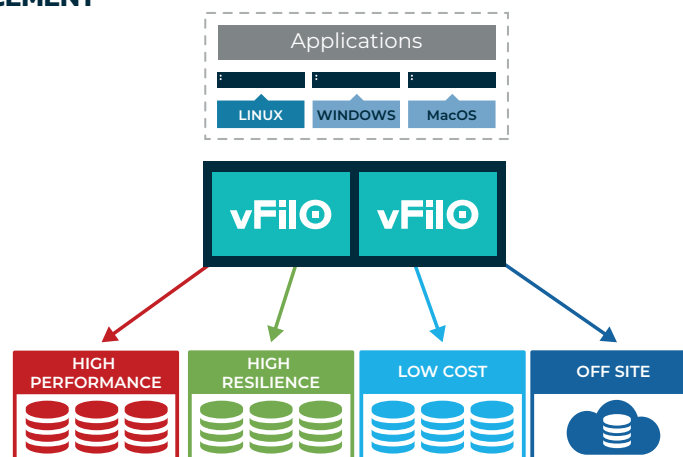


AUTONOMIC DATA PLACEMENT

Policies

- Performance
- Resiliency
- Cost
- Location
- Aging

Specific or Fuzzy



Telemetry

Machine Learning

vFiLO BENEFITS



VISIBILITY & CONTROL

- Measurably improve productivity and collaboration across sites with faster, easier access to files and multimedia
- Control all your organization's unstructured data under one intelligent system
- Fulfill data governance obligations through explicit policies or high-level objectives
- Derive new business insights gleaned from metadata



FLEXIBILITY

- Expand and modernize as needed with no dependency on device or manufacturer
- Integrate new server and storage technologies alongside existing equipment without painful and expensive forklift upgrades
- Store data where it makes most sense, traversing sites and hardware architectures, based on explicit policies
- Enjoy the power of object and file access methods in one system with multi-protocol support



EFFICIENCY

- Recover time lost shuffling files around and backing them up
- Avoid disruptive data migrations
- Unify management of different types and profiles of data under one system
- Automate data placement and tracking to optimize capacity and control costs while meeting performance and availability objectives

vFiLO FEATURES

*multi-site global namespace and S3 access method coming soon
** when combined with 3rd-party object storage on-premises or in the cloud

CONSUMERS							
SERVERS / PCS / LAPTOPS		VIRTUAL MACHINES		CONTAINERS			
ACCESS METHODS							
NFS		SMB		S3*			
OPERATION & INSIGHTS		DATA SERVICES		COMMAND & CONTROL			
EXTENSIBLE METADATA	ACTIVE ARCHIVE	GLOBAL NAMESPACE*	ACCESS CONTROLS				
DATA MIGRATION	AUTO-PLACEMENT	LOAD BALANCING	CLI				
HISTORICAL / REAL-TIME CHARTS	DATA MOBILITY	PARALLEL NFS	CONSOLE				
HEALTH & PERFORMANCE GRAPHS	DEDUPLICATION / COMPRESSION**	REPLICATION & RECOVERY	FILE GRANULARITY				
ALERTS	ENCRYPTION**	SNAPSHOTS	PLUG-INS				
PROVISIONING	FILER / NAS POOLING, ASSIMILATION	UNDELETE					
STORAGE PROTOCOLS							
BLOCK		FILE		OBJECT		CLOUD	

PRICING

- Volume discounts apply

Active data:

\$345 /TB*

for a yearly subscription

Inactive/archive data:

\$175 /TB*

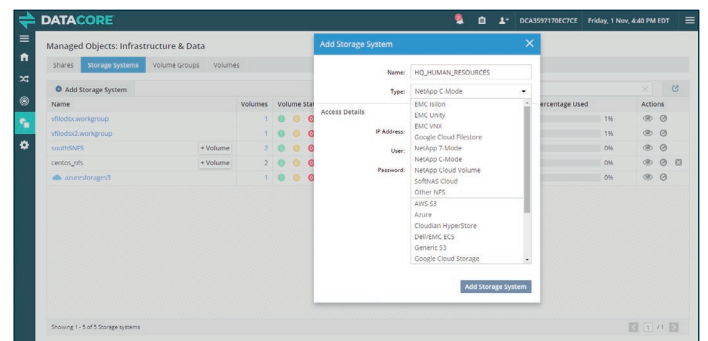
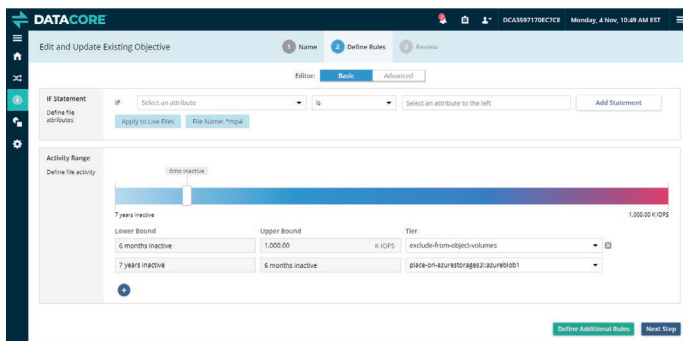
for a yearly subscription (Inactive data is deduped and compressed in object storage or the cloud)

*MSRP for the software does not include the cost of the underlying on-premises or cloud storage

REQUEST A FREE TRIAL

COMPELLING ECONOMICS

- Modernize while maximizing the value from existing equipment without having to rip out and replace perfectly good assets
- Save money by offloading inactive data from premium NAS resources, relocating it on lower-cost object storage-deduped and compressed, yet readily accessible
- Defer buying more premium storage by uncluttering it and fully dedicating its capacity and resources for the active data that deserves it
- Avoid consuming costly space and bandwidth by performing functions quickly and cost-effectively at the file level rather than at the volume level



See why over 10,000 customers recognize DataCore Software as the most flexible software-defined storage platform. Visit www.datacore.com

