

Panzura Freedom Product Line

It's a cloud-first world and the rise of public cloud services has fundamentally and permanently shifted the IT infrastructure landscape. Companies are moving workloads and data to the cloud at an accelerated pace. Public cloud providers now rank in the top 5 enterprise storage vendors.

Faced with ever increasing capacity demands, the traditional storage model is no longer sustainable. CIOs and IT leaders must rethink their data strategies and move beyond the storage status quo. Cloud storage provides an option, but companies still demand the performance of local storage. Hybrid cloud storage provides the best of local storage and cloud storage.

Panzura's patented hybrid cloud storage software seamlessly combines the economics, unlimited capacity, and pay as you grow business model of cloud storage with the flexibility, performance and features of enterprise storage. With Panzura hybrid cloud storage, legacy islands of storage at each location gives way to a simple cloud and cache model that not only eliminates the need for NAS, but also separate backup, DR, and archive as well as all the networking gear needed to support replication.

Panzura offers three hybrid cloud storage solutions:

Freedom Archive provides online access to data, allowing rapid retrieval whenever needed. Freedom Archive dramatically improves archiving access and cost while providing a platform that can scale up or down as needed, never oversubscribing, and eliminating the need for forward provisioning or capacity planning.

Organizations like Chevron, Milwaukee Tool, and the Department of Justice use Panzura products to eliminate islands of storage, reduce their total storage costs by up to 70 percent, distribute 50GB+ files to global sites, archive cold data to the cloud, and accelerate cross-site collaboration for even the most complex applications such as CAD, design, PLM, PDM, and software build applications.

Freedom NAS centralizes your file data in the cloud, while keeping active data cached close to the users. It behaves just like a local, Windows filer or NAS to users, but is backed by a central cloud data repository. It's simpler, faster, and less expensive than deploying primary, backup, and archive storage at each site. Freedom NAS provides a Global Namespace across locations and comes in two options:

- The Primary/Secondary option enables two locations to have read/write capability locally and read capability at other location, similar to a NetApp NAS systems at each location with SnapMirror replicating to the second location.
- The Multisite option takes that same concept to a larger number of offices. Every location has read/write capability locally and read capability at other locations.

Freedom Collaboration overlays a Distributed Cloud File System over all Freedom NAS locations with Distributed File Locking and Global Deduplication. Each site is in the same single Distributed Cloud File System and has read/write capability locally in that file system.

All three solutions use **Panzura Freedom Filer** appliances together with public or private cloud storage. A Freedom Filer solution is available as a physical or virtual appliance, or can run directly in the cloud.

Freedom Archive	Freedom NAS	Freedom Collaboration
Deduplication and Compression	Deduplication and Compression	Deduplication and Compression
Intelligent Caching	Intelligent Caching	Intelligent Caching
Cloud-backed with 11 nines of availability	Cloud-backed with 11 nines of availability	Cloud-backed with 11 nines of availability
Snapshots	Snapshots	Global snapshots
FIPS 140-2 certified with AES-256 bit encryption	FIPS 140-2 certified with AES-256 bit encryption	FIPS 140-2 certified with AES-256 bit encryption
Database and VMDK archiving	All tiers of storage in one	All tiers of storage in one
Offsite protection	Global namespace	Global namespace
	Extended access control lists (ACLs)	Global metadata
		File integrity everywhere
		Distributed file and element locking
		Fast sync for large files



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