

# The Fabric That Transforms Cloud Storage into a High-Performance Global File System

Whether a business has 5 locations or 500, Panzura delivers one authoritative data source for all users, one security policy to implement, a self-protecting file system that requires no additional backup, one view over the entire file network and the same enterprise-grade file performance for every user, in every location.



## For the first time: all the functionality and speed of single-site NAS, globally

The network technology that Microsoft and Linux have spent decades perfecting has lasted because it works, on a single site. Now, with Panzura, it works regionally, nationally or globally.



### Automatic file locking

Only one user can ever edit a file at the same time



### Immediate global data consistency

Once saved, file edits are visible without delay



### Local file operation performance

Files open and save as fast as if they were stored locally

## And a whole new way to approach data storage, backup and disaster recovery

Every 60 seconds, changes made throughout a Panzura file network are stored in the cloud as new immutable data blocks (Write Once, Read Many). In the event of a disaster or ransom/malware attack, Panzura provides a recovery point objective of 60 seconds for individual files, folders or the entire file network.

### Enterprises choose Panzura when they:

**1.** Need to consolidate unstructured data from multiple locations in the cloud

**2.** Are tired of trying to manage multiple data sets and security policies

**3.** Rely on data updates made anywhere, being immediately visible everywhere

**4.** Have teams that need to work collaboratively but can't be in the same office

**5.** Use applications like Revit, Civil 3D and Solidworks that are particularly subject to latency, and have multiple locations



**6.** Need to work collaboratively on mega-sized media or gaming files

**7.** Have to make enormous files immediately available across distances

**8.** Want to mirror data across 2 different cloud providers' cloud object stores

**9.** Have multiple legacy apps that need to be rewritten for a cloud environment

**10.** Require military-grade data encryption with FIPS-140-2 certification

**11.** Need to minimize their exposure to disaster, including ransom and other malware attacks

## When The Details Are What Matter

|                                |  |
|--------------------------------|--|
| Encryption                     | AES-256 CBC (Military Grade) off the Filer at rest. Dual encrypted with TLS 1.2 in flight. Certified FIPS-140-2 by NIST to meet all government standards.  |
| Backup                         | All changes updated, with snapshots, every 60 seconds. Updates are encrypted at the edge and then moved to the cloud object store. Once stored, blocks of data cannot be changed and are therefore not subject to ransomware or malware.   |
| RPO/RTO                        | RPO - Synchronous to all nodes in as little as 60 seconds<br>RTO - Snapshots & Local High Availability enables recovery to the same level of service to affected users in a matter of minutes  |
| Disaster Recovery              | Filer standby nodes are fully hot and ready to go into service in as little as 60 seconds. When deployed as a 1:1 local standby, 2 filers can share a single Virtual IP address allowing the standby filer to takeover automatically, with no network changes required.  |
| Management                     | Management, config and operational functions are all done through the Freedom Web-UI, CLI or RESTful API. The live file system GUI can be securely accessed via native IOS and Android applications, desktop applications and Web browser. Vizion.ai allows a single pane of glass for data search, monitoring and analytics.  |
| Technical Support              | Available 24 x 7 x 365, with an <b>industry-leading net promoter score of 88.</b>  |
| Support Services               | Full suite of professional services available, up to and including experienced Technical Account Managers and Technical Support Engineers.   |
| Cloud Partners                 | <b>Microsoft Azure</b> , Amazon AWS, IBM Cloud, Google Cloud, DellEMC, Western Digital, Cloudian, Scality, NetApp, Virtustream and Wasabi.   |
| Supported Clients              | Operating systems utilizing SMB & NFS protocols such as Windows, Mac OS and Linux/Unix.  |
| Supported Clouds               | All major cloud object storage solutions including <b>Azure</b> , AWS, Google, IBM Cloud, Dell/EMC ECS, Cloudian, Scality, Wasabi and more. Panzura filers can be deployed in AWS EC2, S3, <b>Azure</b> , Google, Google Compute Cloud and IBM Cloud in addition to local VMware VM instance or Panzura provided hardware. Filers on-prem or in-cloud can participate and access the same data regardless of the cloud the filer is deployed in. |
| Enterprise File Sync and Share | Natively integrated to provide secure access and sharing capability to the authoritative data source.  |
| Patents                        | Panzura's technology is protected by 34 patents, with a further 17 pending.  |