

# Transforming Legacy Storage to the Cloud

Panzura® Solutions on Microsoft Azure®

## Meeting Your Data Storage Challenge

Today, enterprises are concerned about growing volumes of unstructured machine-generated data, such as log files, 3D images, 4K video, and more. Compliance requirements for long-term data retention compound this issue. The result is massive amounts of data in silos across the enterprise.

Legacy NAS was not designed to handle this level of data growth. Its cost and complexity are crippling CapEx and OpEx budgets, and the resulting data silos prohibit a single source of data truth.

### “Hybrid” has gone from buzzword to reality

Moving data to a hybrid cloud infrastructure is key to successfully managing unstructured data growth. The growing acceptance of a cloud-first world and the imperative to innovate are making the transformation of unstructured data to the cloud, specifically in a hybrid deployment, economically and practically prudent.

## World Data Is Growing Exponentially

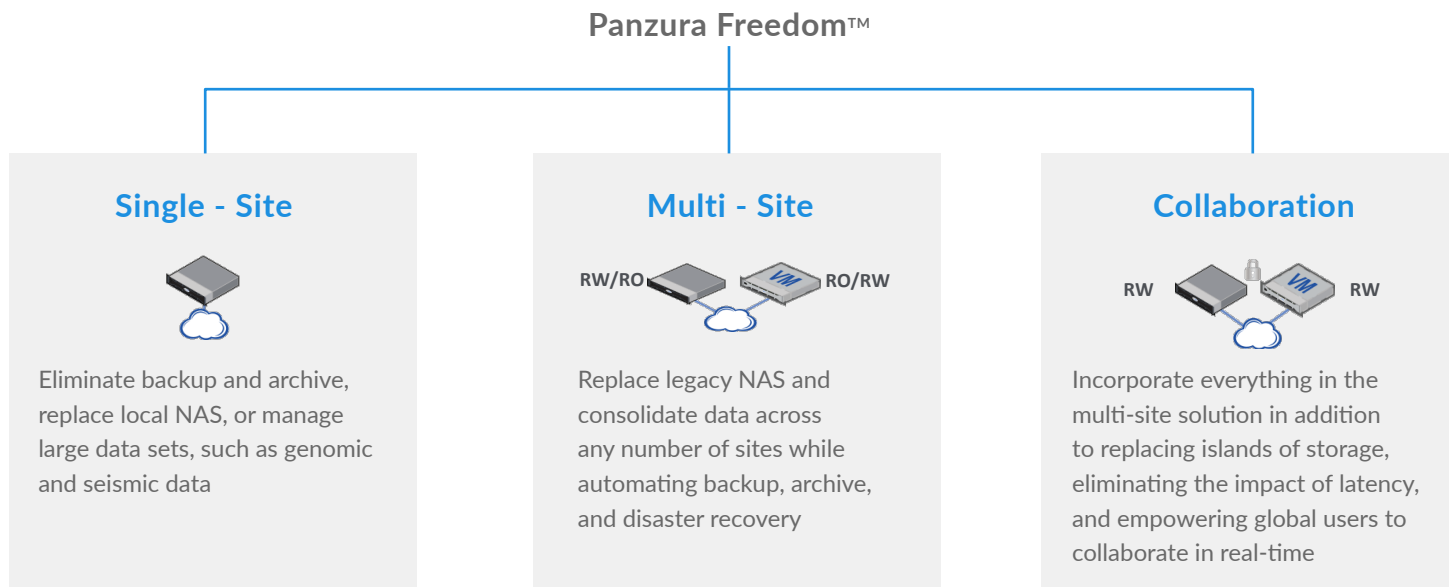
Businesses are being flooded by data.

- On a global scale, data will have grown by 50x over 10 years – from 1 ZB in 2010 to 50 ZB in 2020. And 90% of this massive data growth is unstructured.<sup>1</sup>
- Managing data growth is the top storage concern of 70% of organizations.<sup>2</sup>

1 EE Times, September 14, 2016  
2 Survey from December 2017 in Panzura Blog, January 23, 2018

## Panzura Freedom™: Hybrid Cloud NAS

Panzura Freedom is a hybrid cloud NAS platform underpinned by Panzura CloudFS™, an enterprise global cloud file system purpose-built for the cloud, that integrates with Microsoft Azure. Freedom breaks down storage silos to create a single source of truth across multiple data centers and clouds.



# Panzura CloudFS Makes All the Difference



## Unprecedented Performance and Scale

Easily meet application and user demands in both physical and virtual environments with high-performance, patented technology capabilities.



## Cloud Data Protection

CloudFS is designed to protect, encrypt, and recover data globally - even quick recovery from a crypto-type virus by restoring to a known good configuration all the way down to the file level.



## Automated, Centralized Management

The intuitive GUI and API enable administrators to automate tasks and always be in control from a management console.



## Modernized Data Center Workloads

High-performance NFS expands coverage for engineering and design, simulation, imaging, and software development applications. Additionally, advanced technologies enable high-performance NFS with non-disruptive workflows.



## Made for Any Platform, Any Cloud, Any Device

CloudFS software-defined storage enables customers to deploy on any platform - physical, virtual, or cloud.



## Global Capabilities

CloudFS covers global namespace (GNS), locking, and snapshots; global deduplication and compression; global metadata stored in flash (SSD) storage; and enabled collaboration for globally distributed users.

## Enabling Real-Time Collaboration: Hanson Professional Services, Inc.

### The Challenge

A consulting engineering firm with 24 offices, of which 18 are physical with network hardware, needed a solution to:

- Provide for collaborative capabilities with distributed team members leveraging applications
- Eliminate burdensome overhead from the end-user standpoint
- Replace their storage provider who was moving away from block storage, causing Hanson to transform all of their data

### The Solution

Panzura Freedom (with Panzura CloudFS) on Microsoft Azure

- No need to think about backups
- Ability to take hourly snapshots and set up retention schedules
- Provided real-time data management to support their collaborative needs
- Significant cost savings on increased data storage over time:
  - Five years ago: \$1,600/month on tapes for 11TB of data
  - Today: \$1,000/month on Azure for 23TB of data

“The conversion to Panzura and Azure was completely seamless. Panzura executed. Azure just works. I don't even think about it. It just works.”

Information Technology Manager  
Hanson Professional Services

See how easy the Panzura solution is to buy and deploy.  
[panzura.com](http://panzura.com)

