



# Single Namespace for the Cloud

## Tiger BRIDGE

Tiger Bridge protects and extends your Windows File Server by seamlessly optimizing data placement for frequent access, nearline and archive-ready files. Tiger Bridge is a software only solutions that provides a single namespace, preserves Active Directory ACLs and ensures data is stored in the right place, at the right time.

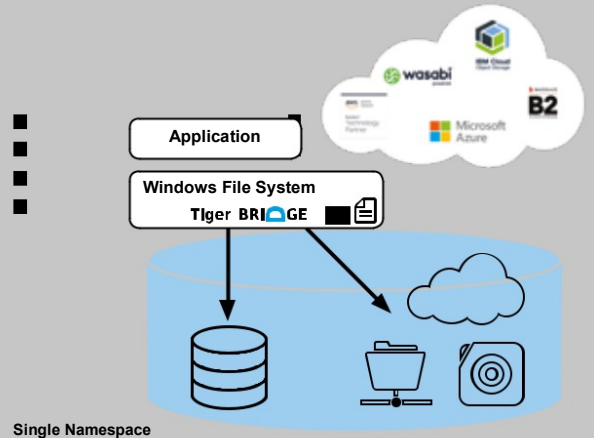
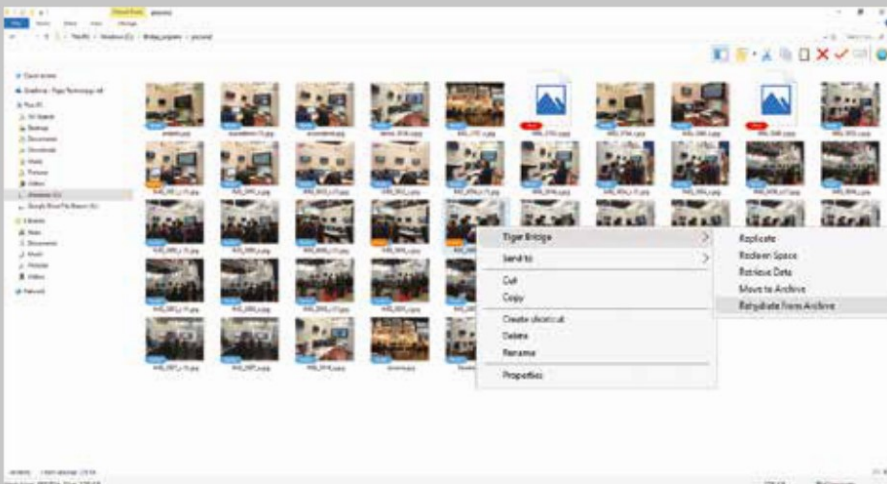
Capacity Management  
Backup & Archive Disaster Recovery Multi-sites File Collaboration Performance Tiering Edge Servers

## HSM Tiering & Synchronization to Cloud, DAS/NAS, and Tape

Tiger Bridge provides a simple administrative console where HSM policies are created to determine when files will be replicated and tiered based on last access time and/or volume capacity.

Managed volumes maintain local performance for active files while policies work in the background to replicate, migrate, and tier data between the local volume and Cloud (or DAS/NAS/Tape) for backup, archive, capacity management, disaster recovery, or cloud services.

Tiered files are replaced with zero-byte stub files in the NTFS file system so petabytes of data can be accessed even from a modest local volume. Stub-files are placeholders that allow applications to function normally, as if the data exists in its original location.



Single Namespace

1

Active files are stored locally, replicated and accessed at full speed.

2

Inactive files are turned into zero-byte stub-files to free space locally.

3

Nearline data is automatically retrieved when stub-files are accessed.

4

Archived data can be manually retrieved by right-clicking on stub-files.

## Key Benefits:

### Facilitates Cloud Integration

- Protects and extends your existing Windows servers with cloud's durability, resilience and pay-as-you-go scalability
- Reduces the cost and complexity of Cloud Storage Gateway and backup applications
- Provides users and applications with seamless access to data, regardless of where it is stored

### Protects Data End-to-End

- Preserves native Active Directory / ACLs
- Eliminates intrusion points with direct server-to-cloud migration
- Transfers data to/from cloud using SSL/TSL encryption

### Reduces Storage Cost

- Limits the amount of block storage required
- Extends block storage across cloud storage classes (active and inactive)
- Optimizes cloud data placement for frequent access or low cost archive

### Enables Global Collaborative Workflows

- Synchronizes specific folders or entire file systems
- Keeps any number of servers and/or workstations in sync
- Enables global updates of shared dataset

### Helps Manage Petabytes of Data

- Replicates new files and file updates to cloud automatically
- Frees up space locally by turning inactive data into stub files
- Retrieves data automatically from cloud when stub files are being accessed

### Minimizes Recovery Time Objective (RTO)

- Preserves and restores file attributes to/from the cloud
- Restores file system tree-structure "on-demand" for expedited operational recovery of huge datasets
- Retrieves file content "on-demand" with prioritized partial restore

### Increases Business Agility

- Ensures seamless and fast disaster recovery
- Enables new and scalable collaborative workflows
- Connects with cloud services for analytics, facial recognition, AI, ML, etc.

### Expands Your Horizon

- Stores your data in an accessible format – zero lock-in
- Works with on-premises, hybrid and cloud-based workflows
- Supports Cloud, Tape Libraries (LTFS) or DAS/NAS targets

*"Tiger Bridge maintains fast and transparent access to over 1.2 million multi-bitrate video files already migrated to the cloud, making them accessible for our editors with the library management software they were already using locally."*

- Temesi Tibor, NAVA (National Audiovisual Archive of Hungary)

## About Tiger Technology

Over the past 15 years, Tiger Technology has been an innovator in the field of file system virtualization, solving IT administrators' data management and workflow challenges for 30,000 users in 120+ countries. Tiger Technology's software portfolio consists of high-speed NAS/SAN file system sharing, virtual volume set and virtual project workspace management in addition to HSM tiering and synchronization solutions. Endeavor, a high-impact entrepreneurial mentorship organization, recognizes Tiger Bridge as a key technology enabler in the explosive cloud market.