

Scalable file system for Media & Entertainment

Optimize your storage network and accelerate your applications and workflows.

Performance, Flexibility, Scalability

Tiger Store delivers the performance that teams of editors, artists, and colorists using Avid, Adobe, Autodesk, Blackmagic and other software on Windows, Mac, and Linux need to ingest, edit, transcode and deliver content. Tiger Store enables large teams collaborating with high-resolution media including compressed codecs, 2K, 4K, 8K, and HDR streams and DPX file sequences to maximize playback performance. Productivity and uptime are maintained with high-availability and failover configurations. Storage connectivity is never lost with SAN to LAN failover.

Use Tiger Store for applications requiring low-latency SAN or large scale-out NAS workflows or deploy shared file access across both SAN and NAS. Connect clients directly to shared storage via fibre channel, iSCSI, or SAS. Mount Tiger Store volumes locally over Ethernet with the LAN optimized Tiger Client or use traditional SMB/NFS file access. Tiger clients can simultaneously mount multiple Tiger Store managed file system clusters allowing independently managed file systems.

Easily adapt to changing business conditions with multi-dimensional, non-destructive, on-the-fly capacity expansion. Add or remove users as needed with unlimited client licensing. Manage data with auto-tiering to tape, disk and cloud storage.

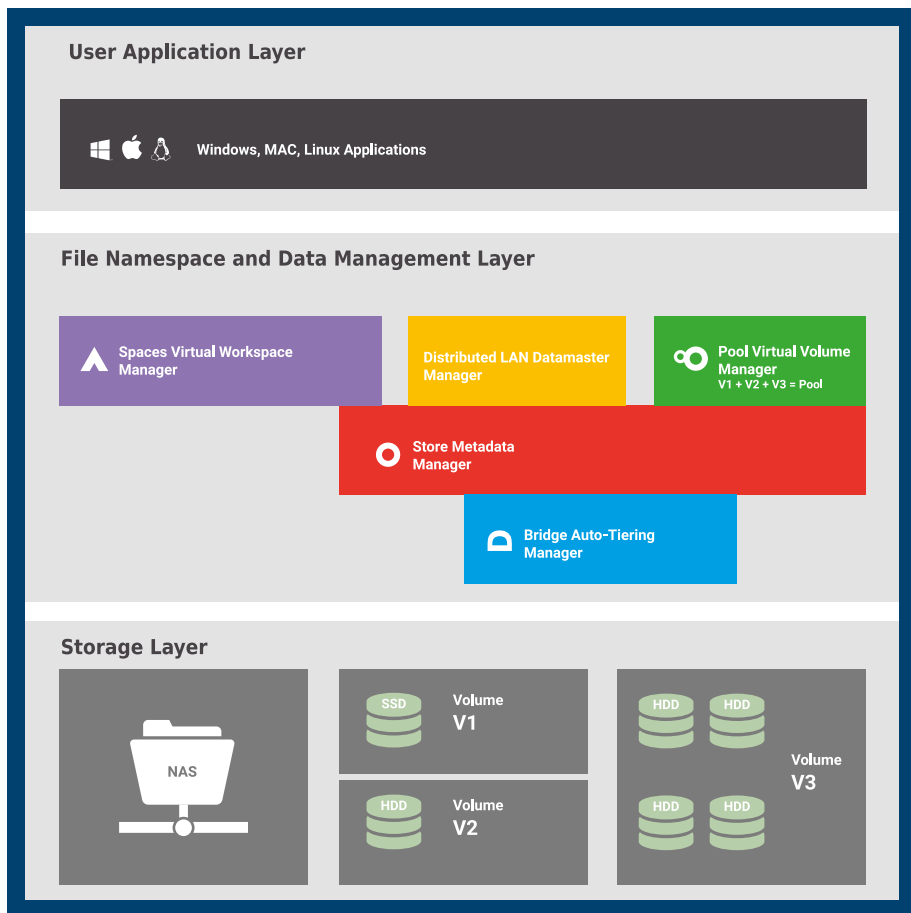
Accelerate your applications and workflows

Gain broad support for content creation applications and tools and enable advanced editor collaboration with Avid bin locking, Adobe Premiere Project support and FCPX library sharing. Leverage the latest storage devices or minimize TCO by extending existing storage life with software-only or choose from a variety of simple to deploy integrated appliances. Support IOPs-intensive and high-res workloads with flash and HDD storage volumes. Maximize file access and uptime with high-availability metadata controllers and client SAN to LAN auto-failover. Effortlessly adapt to changing workloads with non-disruptive capacity scaling to hundreds of petabytes and limitless client licenses for both SAN and LAN. Simple and intuitive web UI provides single pane of glass to view system health, client connection status, capacity utilization, perform maintenance, system wide activity log.

Optional project workspace virtualization management with centralized access rights control, auto-tiering, data protection, and archive data management with support for disk, NAS, tape, and cloud (object) storage targets, and geographically distributed team collaboration with namespace synchronization.

Tiger Store benefits

- Software-defined data and storage management
- SAN, NAS, or Hybrid
- Cross-protocol byte-range shared file locking across SAN, SMB and NFS, and Tiger LAN client
- Storage agnostic
- Microsoft Active Directory authentication
- Unlimited client licensing
- Software-only or appliance
- 24x7x365 production-focused Professional Technical Support



Available as software-only or an integrated appliance



Tiger Store is part of the Tiger Workflow System for Media. Add Tiger Spaces, Tiger Pool, and Tiger Bridge to get everything you need for end-to-end content creation, including:

- Avid bin-locking
- Storage Clustering and Pooling
- Data Management and Minimized TCO with extensible cloud, disk, network and tape storage tiering
- User and project management
- Backup and archive

Tiger Store Specifications

Minimum System Requirements

Metadata Controller
 PC with 1.8-GHz 64-bit (x64) processor
 64-bit Microsoft Windows® 7/Server 2008 R2, Windows® 8/Server 2012/Server 2012 R2, Windows® 10/Server 2016/Server 2019
 4 GB of physical RAM at least
 200 MB of available hard-disk space for installation
 Network LAN connection (minimum 1 Gb)
 Compatible storage and metadata network interface required

Tiger Store Client

Max Client License – Unlimited LAN or SAN

Apple Mac:

- Intel-based Mac with 1.33-GHz CPU.
- Mac OS X Mountain Lion/Mountain Lion Server (64-bit), Mac OS X Mavericks/Mavericks Server, Mac OS X Yosemite (64-bit), Mac OS X El Capitan (64-bit), Mac OS Sierra (64-bit), Mac OS High Sierra (64-bit), Mac OS Mojave (64-bit), Mac OS Catalina (64-bit). Note: No support for Mac OS X versions below 10.8
- 2 GB of physical RAM at least
- 25 MB of available hard-disk space for Tiger Client software installation
- Compatible storage and metadata network interface required

Windows:

- PC with 1.33-GHz processor
- 32-bit or 64-bit Microsoft Windows® 7/Server 2008 R2, Windows® 8/Server 2012/ Server 2012 R2, Windows® 10/Server 2016/Server 2019
- 2 GB of physical RAM at least
- 25 MB of available hard-disk space for Tiger Client software installation
- Compatible storage and metadata network interface required

Linux (check Tiger Store User Guide and Release Notes for current kernel level support):

- PC with 1.33-GHz Intel processor
- Red Hat Enterprise Linux 7.x
- Red Hat Enterprise Linux 6.x (check Tiger Store User Guide and Release Notes for current kernel level support)
- SUSE Linux 11 (check Tiger Store User Guide and Release Notes for current kernel level support)

Tiger Store Software Monitoring and Stats

Traffic monitoring tool for data and metadata – volume performance and IOPs, network performance and IOPs, metadata operations with customizable time scale
 Client connection status
 Capacity utilization
 System wide activity log

LAN Client Gateway

Windows Server OS

Security and Data Protection

Microsoft Active Directory Domain Authentication and file security

RAID Levels

Software Only – Any (RAID controllers and protection levels may affect performance, check with your storage vendor or Tiger Solutions Architect for RAID recommendations)
 Appliance – RAID 5 or 6 (default)

Connectivity Supported Options

Ethernet LAN – 1 Gb, 10 Gb, 25 Gb, 40 Gb, 100 Gb
 Fiber Channel – 8 Gb, 16 Gb, 32 Gb
 iSCSI - 10 Gb, 25 Gb, 40 Gb
 SAS - 6 Gb, 12 Gb
 Client Protocol – Store SAN, Store LAN, SMB, NFS

Capacity

Single Volume (not virtualized) - 8 PB (less 2 MB)
 Single Volume (virtualized via optional Pool) – 18 EB (theoretical)

Reliability and Accessibility

Metadata Controller High-Availability (option)
 Multipath I/O fault-tolerance (MDC, SAN Clients - Windows, MAC, Linux)
 Windows Network Teaming
 Linux and MAC Network Bonding
 Tiger Store SAN to LAN failover
 LAN Client auto-load balancing and gateway session failover
 Background auto-defragmentation engine
 Background file sequence optimization

Customers in over 120 countries use Tiger Technology solutions to make their data management and project workflows easier. The company develops software-only Windows cloud extension technology, high-speed NAS/SAN file system sharing, virtual volume set, virtual project workspace management, and HSM tiering and synchronization solutions. Tiger enables organizations of any size and scale to manage their digital assets on-premises, in public cloud, or with a hybrid model. Tiger Technology has been identified by Endeavour as one of the foremost cloud technology providers in the market today.



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