



Smart Storage Pooling for Simplified Data Management

Create large NTFS volumes with ease and optimize your resources with the Tiger Pool add-on for Tiger Store

Overview

The Tiger Store software uses the popular NTFS file system to store critical information, which means data remains portable and stored in a non-proprietary format. The NTFS file system is resilient but requires careful planning when it is time to expand, migrate or decommission in a readily accessible format. By creating a virtual volume that mounts and manages multiple “live” NTFS volumes under a single namespace, Tiger Pool eliminates the risks and stress associated with performing these critical tasks.

No striping, no vendor lock-in – maintain original file access

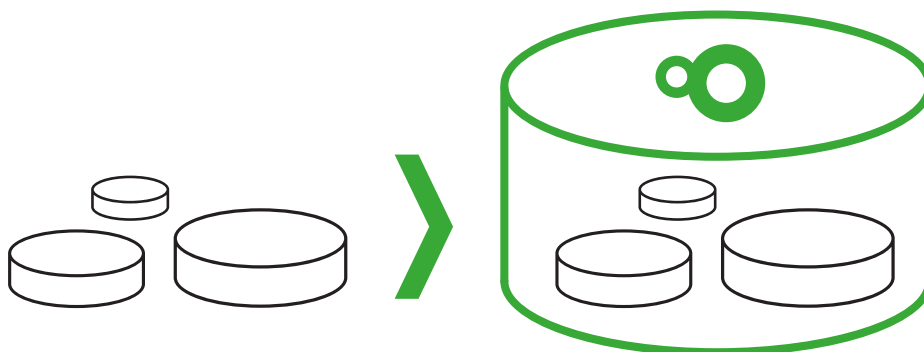
Tiger Pool does NOT use RAID or striping technology. Each pool volume member remains whole and independent. When volume members are pooled, files stay in place and folders are logically merged. When writing to the pool, a distribution strategy assigns files to underlying members based on folder affinity, round robin distribution, and available free space. You can freely add and remove pool volume members without ever putting data at risk. Pool volume members can be made by different manufacturers, and they can be of different LUN sizes and performance characteristics.

Mitigate risks associated with very large NTFS volumes

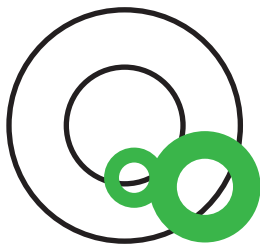
Managing petabyte-sized NTFS volumes can be tricky as no file system is totally immune to corruption and/or hardware failure. Instead of creating a single large file system, Tiger Pool lets you pool together multiple smaller file systems into one logical volume. To users and applications, the pool looks and behaves like a normal volume while each pool volume member preserves its original folder structure. If any pool member fails, you only need to worry about restoring a fraction of your dataset while the rest of your data remains available.

Maximize resource utilization

Large amounts of free space are often wasted because they are spread across multiple volumes. Using a pool is a great way of maximizing storage resources as free space from different volumes is pooled and can be used more efficiently.



Product Highlights



Tiger Store acts as a metadata controller enabling high-performance collaborative workflows. Add smart storage pooling to your shared storage workflows with the Tiger Pool add-on module. Tiger Store is available as a software-only solution or as an integrated appliance.



Risk-free technology



Pool any type of NTFS volumes



Transparent to users and applications



Dynamically add or remove pool volume members



Simple data distribution policies



No performance degradation



SMB/NFS re-sharing



Preserve extended file attributes and Active Directory ACLs



Optimize the use of free space available

Key Features & Benefits

Solving complex storage problems

- Dynamic capacity expansion (up to 18 exabytes)
- Storage resources optimization
- Sustained performance

Totally risk-free

- Works with live NTFS volumes
- Add or remove volume members dynamically and without risks
- Data stays cleanly organized in the pool and after disbanding
- Supports extended file system attributes
- Soft limits prevent overutilization of pool volume members

No added complexities

- No database to worry about
- No complex setup or configuration
- Intelligent data placement
- Folders not restricted by the size of individual volume members
- Supports all basic and dynamic NTFS disks

Tiger Pool Specifications

Server Requirements

- Tiger Store is a requirement

Storage Requirements

- Any NTFS volume can be a pool member

Tiger Store Client Requirements

- Mac or Windows clients

Founded in 2003 and headquartered in Sofia, Bulgaria and Alpharetta, GA, USA, Tiger Technology is a file data services company that specializes in on-premises-first hybrid cloud workflows. The company develops data management software solutions designed to help customers with mission-critical deployments optimize their on-premises storage and enhance their workflows through cloud services. Tiger Technology solutions are admin-friendly, non-disruptive, transparent, and highly cost-effective.

Tiger Technology brings over 15 years of expertise in developing high-performance storage solutions for the most demanding workflows, which includes cross-platform NAS/SAN file system sharing, storage, user, project, and media management.

Throughout the years and the multitude of changes in IT and the digital landscape, Tiger Technology has chosen the path of growth and continual improvement, but it has never lost sight of what it all starts with - data.

