

TOP 10 Reasons to Choose Panasas Parallel Storage

1: Unparalleled Application Performance

Panasas' parallel file system using the DirectFLOW protocol delivers exceptionally higher data throughput relative to common NFS servers from other storage vendors. This incredible I/O capability allows simulation and modeling applications to run a substantially faster when deployed with Panasas storage.

2: Proven in Large-Scale Production Environments

Panasas storage clusters are deployed in some of the most demanding production environments worldwide. Ranging in scale from Terabytes to Petabytes and in environments as diverse as controlled data centers to geophysical exploration ships, Panasas parallel storage clusters have proven themselves at major corporations by delivering competitive advantage around the globe.

3: World Class, Personalized Service and Support

Through our personalized extranet, My.Panasas.com, flexible support packages, and our dedicated staff of storage and cluster experts, the PanSelect Support Services Program will exceed your expectations for service and support.

4: Lowest TCO

Panasas parallel storage systems give organizations easy to use, appliance-like management of a virtually boundless storage system. Competitive products require over twice the floor space, power and cooling to achieve comparable performance levels. The single global name space provided by the PanFS parallel file system makes administration simple and saves time and money.

5: Superior Large-Scale Reliability

Panasas Storage Clusters incorporate many features that combine to deliver the best large-scale reliability and availability for high-end networked storage. There is no single point of failure in Panasas Storage Clusters and features such as ActiveScale Failover High Availability Software provide automated failover for maximizing uptime. In addition, Panasas' unique Tiered Parity architecture delivers a comprehensive and scalable solution for data reliability and integrity that is unmatched by any other storage vendor.

6: Storage Optimized for Real-World Applications

Panasas is the only storage system provider actively working at an engineering level with the leading HPC software providers, such as Ansys/Fluent, CD-adapco, Paradigm and Landmark to optimize their applications for parallel I/O. This gives customers higher performing applications and the power to make business-critical decisions faster.

7: Easiest Path to Parallel NFS (pNFS)

pNFS (parallel NFS) is the emerging standard for parallel I/O and the next major extension to the NFS standard. Panasas was the first company to evangelize the need for a standard for parallel file systems. The parallel NFS standard is derived from the Panasas DirectFLOW architecture. Existing and future customers deploying Panasas DirectFLOW protocol will have the simplest upgrade path to pNFS when it becomes production-ready.

8: Unlimited Scalability

Storage capacity can be quickly and easily added and configured in less than 30 minutes. As capacity is added, system bandwidth scales linearly to over 100GB/s providing seamless scalability from Terabytes to Petabytes.

9: Faster Time-to-Market & Faster Time-to-Results

The exceptional performance and easy management of Panasas Parallel Storage Clusters allows our customers to make better business-driving decisions and to make them faster. Higher quality decisions translate into a measurable competitive advantage.

10: Unified Storage Infrastructure

In addition to delivering unrivalled performance by employing the DirectFLOW protocol for both batch and interactive applications, Panasas Parallel Storage Clusters also enable a unified storage infrastructure by providing support for NFS and CIFS access to a single, shared storage pool. This approach simplifies storage management, reduces data duplication, and increases end-user productivity.