Designed for Success

Simulation with Panasas Storage

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Primary Design Simulation Applications

Siemens (CD-Adapco) Star-CCM
Ansys Fluent
OpenFoam
Some of our Manufacturing Customers

- Lockheed Martin
- Airbus
- P&G
- Boeing
- Kawasaki
- Bosch
- Canon
- Mercedes-Benz
- Honeywell
- McLaren
- MAN
- Scuderia Toro Rosso
- NAVSEA
Why Our Customers Partner with Panasas

High Performance for Mixed Workflows Out of the Box

Panasas storage with its large cache (~1TB cache per 1 PB storage) provides the ability to:

- Prefetch data from the hard drives
- Efficiently organize data prior to being written to disk

The ActiveStor® Solution

- Large SSDs for efficient placement of metadata and small files
- Hard disks for large files

Management Simplicity, Lower Costs

- Integrated hardware and software appliance design
- No need for highly trained storage administrators
- Customer maintained hardware
Why Our Customers Partner with Panasas

Enterprise-Grade Reliability and Availability

• Fully Redundant HW
• Intelligent SW monitoring

True Linear Scalability

• Seamless linear scaling by adding Storage & Director nodes
• Network resources and bandwidth scale up with the system
• No performance “brick wall” or need for islands of storage
• Applies to all access protocols – DirectFlow®, NFS, and SMB
Our customers are achieving great results across a wide range of use cases
Current Use Cases

Manufacturing
- CFD Simulation & Analysis
- FEA
- EDA

University
- Climate Modeling
- Materials Science
- High Energy Physics
- Computational Mathematics

Government
- Climate Modeling
- Defense
- Intelligence
- Financial Modeling

Life Sciences
- Genomic Sequencing
- Molecular Microscopy/Imaging
- Bioinformatics
- Computational Chemistry

Media & Entertainment
- VFX/Rendering
- Active Archive
- Transcode

Energy
- Seismic Processing
- Reservoir Simulation
- Interpretation & Analysis
- Renewables (Wind, Bio Fuel)
And Ready For Emerging Use Cases & Technologies

- Precision Medicine
- Deep Learning
- Artificial Intelligence
- Autonomous Vehicles
- Virtual Reality
Fast, Faster, Fastest. Unveiling the new ActiveStor.

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Booth 1613, Hall D
Future Ready Starts Now