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DATASHEET

Hitachi High-performance NAS Platform 2000 Nearline

Combining the powerful Hitachi High-performance NAS Platform, powered by BlueArc®, with robust data protection capabilities, the Hitachi nearline NAS solution is optimized for data backup, restore and protection.

Outstanding Value, Fast Access and Robust Data Protection Capabilities

Hitachi High-performance NAS Platform 2000 Nearline provides cost-effective disk-to-disk data storage for a secondary site or large data repository. The nearline NAS solution combines the powerful Hitachi High-performance NAS Platform with high-capacity SATA disk drives and data management capabilities customized for disk-based data storage and protection. It provides a cost-effective alternative to management-heavy tape storage. You can replicate NAS data from primary sites to a remote site to rapidly retrieve information if needed.

Customer Challenges

Key customer challenges addressed by the Hitachi nearline NAS solution include:

- Inability to manage and store a large amount of CIFS/NFS/FTP data efficiently
- Increased costs with the use of primary storage for tier 2 or tier 3 data
- Incapacity to instantly access and restore data from tape
- Vulnerability to data loss with lack of replication tools
- Added complexity with too many sites to protect and manage
- Time-consuming deployment of local tape backups and backup licenses in remote and branch offices
- Unacceptable length of time to retrieve data from offsite tape for regulatory compliance

Business Benefits

Reduce Data Storage Cost

- Lower cost with affordable large SATA pool
- Save with industry-leading technology
- Free up tier one storage capacity for mission-critical applications

Mitigate Risk with Robust Data Protection Capabilities

- Enable robust multisite replication for better data protection and disaster recovery
- Ensure fast access recovery

Improve Productivity with Fast Access

- Speed up data backup and restore
- Complete tasks faster with disk access than with tape
- Easily manage central replication, backup, restore and access

Feature Highlights

- High-performance NAS Platform 2000 Nearline bundled with Hitachi Workgroup Modular Storage 100 SATA:
  - Optional cluster of maximum of 2 nodes
  - 4 Fibre Channel ports

Business Solutions

Hitachi Data Systems and Hitachi TrueNorth™ Channel Partners offer industry-leading technology to help organizations of all sizes meet their unique requirements for business continuity, regulatory compliance and data recovery. Together, we provide cost-effective storage products and solutions that leverage world-renowned Hitachi global R&D resources to deliver performance, availability and scalability—supporting business critical applications and strengthening competitive advantage.

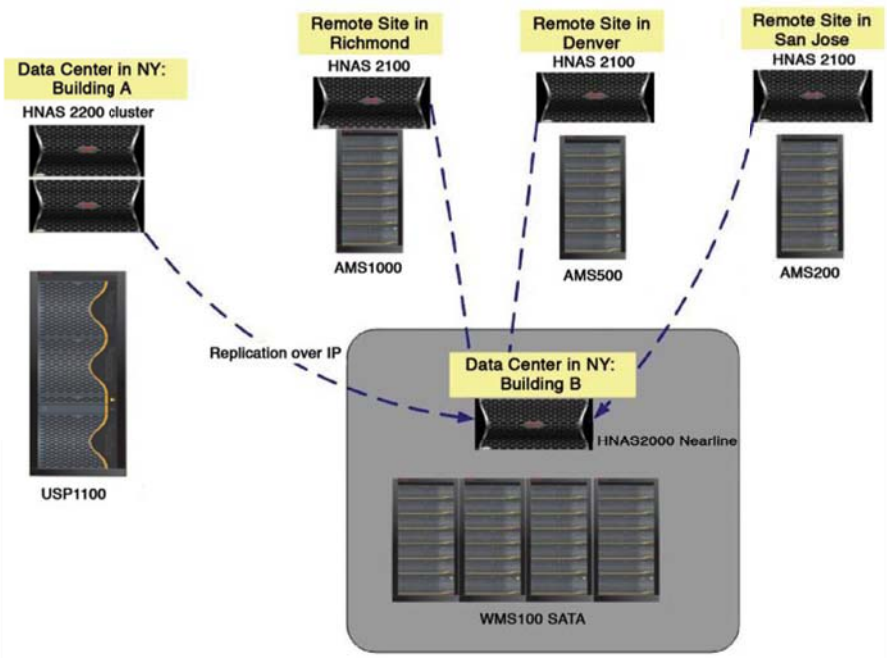
Complementary Solutions

Hitachi Data Systems Global Solution Services provides design, implementation and data migration services to support the High-performance NAS Platform 2000 Nearline and other Hitachi storage products.

- 4 x 1Gbit ports (copper or optical)
- Single power supply, second power supply is optional

- Tailored feature set for nearline solution:
  - Virtual Servers
  - File System Rollback
  - Quick Snapshot Restore
  - Storage Pools
  - CIFS, NFS
  - IBR
  - iSCSI
  - NAS Data Migrator
  - Cluster Name Space
  - Cluster Read Cache
- Capacity-based pricing structure:
  - Increments of 8TB and 16TB chunks
  - Scales up to 1PB*
- Advanced data protection capabilities:
  - Asynchronous replication via IP using IBR/IDR
  - Hitachi TrueCopy® Synchronous software for robust synchronous replication
  - Hitachi ShadowImage® Heterogeneous Replication software (enterprise level) or ShadowImage Replication software (modular level) for local clones

Hitachi High-performance NAS 2000 Nearline Diagram



The nearline NAS solution combines the powerful Hitachi High-performance NAS Platform with Hitachi high-capacity disk-based data storage and protection: Hitachi Universal Storage Platform™ 1100, Hitachi Adaptable Modular Storage 1000, 500, and 200, and Hitachi Workgroup Modular Storage 100.

Compliments of:
Hitachi Data Systems Corporation

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DS-021-B DG January 2008

* Support for 2PB capacity with LUN size greater than 2TB