**NetApp®**

# NearStore® R200 System
## Cost-effective, rapid-access storage ideally suited for backup and restore, online reference data, and data protection.

NearStore R200. Providing effective and economical data protection and rapid recovery.

### Key Features

- **WIDE RANGE OF SUPPORTED CAPACITIES**
  Starting at 8TB and extending to 96TB, the R200 offers value to both entry-level and experienced customers looking to implement and/or enhance their secondary storage infrastructure.

- **EXTENSIVE SCALABILITY**
  NearStore R200 scales from 8TB to 96TB, allowing the system to grow and adapt to changing business conditions.

- **LOWER TOTAL COST OF OWNERSHIP (TCO)**
  Lower storage acquisition costs, increased reliability, and ease of administration help reduce storage TCO.

### The Challenge: Managing, Protecting, and Providing Rapid Access to Data

To compete successfully and comply with new regulations, organizations are managing more data, storing it according to its changing value as it ages, and implementing comprehensive data protection strategies—each of which brings new challenges. Data management challenges include ensuring access to e-mail and document archives for business and regulatory compliance reasons. They also include matching storage capabilities and costs with information life cycles, which requires implementing solutions for hierarchical storage management (HSM) and data migration. The backup and restore aspects of data protection raise concerns about high TCO for tape storage and the ability to restore from tape. Another aspect of data protection—multisite replication—raises issues of bandwidth utilization and primary storage costs. To meet this range of challenges, organizations are looking for a solution that fills the price/performance gap between fast but costly primary storage and less-costly but slow archival (tape and optical) storage.

### The Solution: NearStore R200 Storage System

The NetApp NearStore R200 system meets those storage challenges by providing near-primary storage performance at near-tape storage costs. A disk-based, secondary storage device for enterprise applications, NearStore perfectly complements and dramatically improves existing tape backup, archiving, and data protection schemes by inserting economical and simple-to-use disk-based storage between application storage and tape libraries in a three-tier storage architecture.

A superior archiving solution, NearStore provides economical storage and rapid disk-based access to reference data to meet business and legal requirements. It can serve as a key component of an HSM infrastructure by storing less-critical data on a device whose cost and performance stand between primary and tape storage, thereby enabling cost-effective data life cycle management. For backing up and restoring data, NearStore can enhance existing operations by acting as a large data cache or replacing tape backup devices altogether. Combined with NetApp SnapVault™, NearStore functions as a robust and fully integrated appliance that makes backing up and restoring data rapid and reliable. In addition, with a much lower cost of acquisition and TCO than primary storage and much better performance than tape, NearStore is a proven solution for organizations whose multisite replication programs require an economical, high-capacity storage device to be located remotely.

### Improved Backup Processes, Faster Data Recovery

Backing up directly to NearStore and then to tape enhances data protection management, improves primary storage and tape library performance, and significantly reduces backup resource

requirements and costs. Backing up to NearStore is faster and consumes less application-server CPU processing power than direct backup to tape. Using SnapVault software, which utilizes incremental block transfers to back up data to NearStore across a LAN or WAN, reduces network bandwidth consumption. SnapMirror® software, which replicates data at high speeds over a LAN or a WAN, combines with NearStore to provide the highest possible data availability and fastest recovery for mission-critical applications.

The high throughput and instant data access that NearStore delivers result in much faster data recovery than is possible with tape. With NearStore, you can restart your business in minutes, dramatically reducing the business impact of unplanned outages.

## Superior Archiving for Rapid Access to Reference Data

### Regulatory Compliance

Superior to tape storage, NearStore offers random, rapid access to e-mail and other records and documents. Because it scales from 8TB to 96TB, NearStore offers the capacity to ensure that organizations can economically store and retrieve all their business-critical documents to conform to legal requirements.
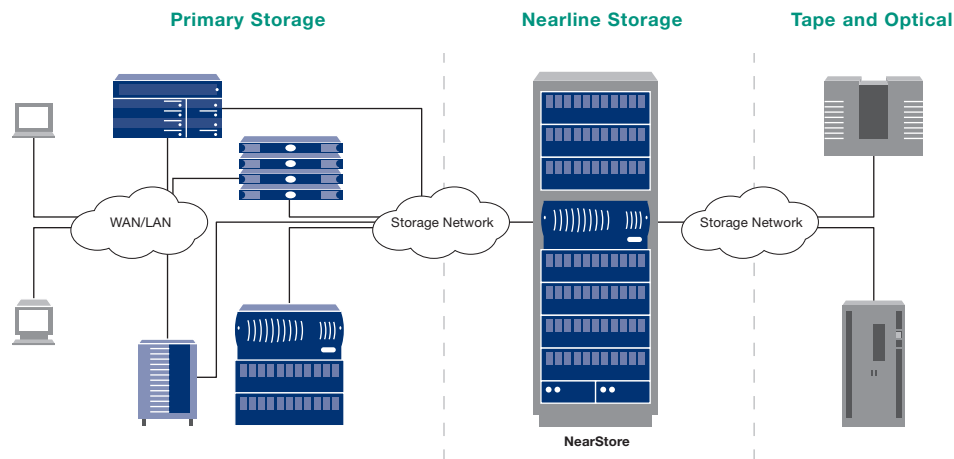
### Business Efficiency

By reducing the cost per megabyte of storage, NearStore enables organizations to store and effectively manage much more data than was previously feasible, improving their ability to leverage accumulated organizational knowledge to work smarter and more efficiently.

## Providing Superior Data Protection

By providing cost-effective, high-capacity secondary storage, NearStore increases the affordability of data protection strategies, speeds disaster recovery, and can even serve in emergencies as a primary storage device. Combined with SnapVault and SnapMirror software, in addition to the Snapshot™ technology in its Data ONTAP™ operating system, NearStore represents a comprehensive, cost-effective, highly reliable data protection solution.

## Unleash the Power of Information

See how NetApp can help you deploy affordable, enterprise-class storage and get a better return from your storage investments. Simply visit our Web site at *www.netapp.com*. And let us show you what "The evolution of storage™" means for your business.



**Primary Storage**          **Nearline Storage**          **Tape and Optical**

NearStore

## A Three-Tier Storage Architecture

NearStore is nearline storage, delivering fast data access at a cost per megabyte between that of primary storage and that of tape or optical libraries. Data from many types of primary storage can be backed up or archived online to NearStore across local and wide area networks.