

# Veritas NetBackup from Symantec and Quantum

## A Comprehensive Solution for Backup and Recovery

Backup and recovery strategies have changed. With the advent of disk-based de-duplication appliances customers are now able to increase the performance of their data protection processes while minimizing costs – not only for storing data, but also for replicating it from remote offices to central data centers. For long-term archiving and disaster recovery, where the amount of data stored can be extremely large, customers continue to rely on tape for the most secure, low cost storage.

Building a single cohesive solution around this new architecture can be challenging. It requires not only best-of-breed hardware, but also a backup application that can manage multiple sites, storage devices, and operating systems. Symantec and Quantum together provide a complementary solution.

### Solutions created with Veritas NetBackup and Quantum systems are designed to:

- Provide more responsive RTO and RPO capabilities by reducing backup windows and improving restore operations
- Support data growth by managing multiple sites, operating systems, and backup systems
- Allow for customization of a data protection environment according to application requirements and a disk and tape tiered storage architecture
- Control costs by using de-duplication to reduce the required storage capacity and network bandwidth for moving data between sites
- Reduce management overhead, enabling a limited staff to manage multiple sites and meet tightening SLAs
- Meet security and compliance requirements over the long term without breaking the storage budget

Symantec and Quantum offer a comprehensive solution that easily incorporates de-duplication technology with existing tape systems. By combining the features and benefits of each company's product lines, customers benefit from exceptional performance, reliability, and cost effectiveness.

### The features and benefits of a Symantec and Quantum solution are:

- Higher performance restores – De-duplication increases the number of backups that can be kept near-line, maximizing the period and frequency of recovery points.
- Reduced burden on administrative staff – Centralized data and device management, along with capacity-optimized systems, enables staff to simplify backup processes and focus on other tasks.
- Improved SLA response – Accurate backup tracking and indexing allows better coordination of efforts during routine and critical backup/recovery efforts and increases the speed at which files are located and restored.
- Lower storage costs – De-duplication coupled with tape backup for long term archiving and disaster recovery allows you to store backups at the best possible cost so budgets can be stretched further.
- Support for your entire environment – Support for a wide variety of operating platforms, storage devices, and multiple sites allows for greater flexibility building a solution best suited for all your business needs.

#### FEATURES/BENEFITS OF SYMANTEC'S VERITAS NETBACKUP

- Designed to reduce the complexity and operational costs of protecting, recovering, and archiving data by delivering:
  - Unified protection and recovery management
  - Advanced recovery of critical applications
  - Data archiving, migration, and retention
  - Service-level management and compliance

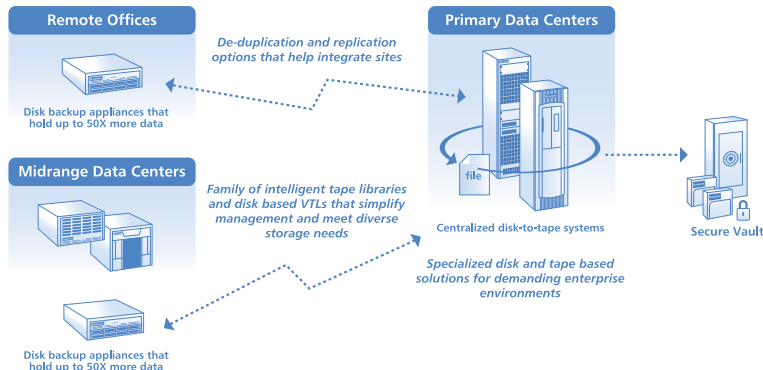
#### FEATURES/BENEFITS OF THE QUANTUM DXI-SERIES DE-DUPLICATED DISK SYSTEMS

- Patented data de-duplication technology reduces disk capacity requirements by up to 90%
- Remote replication reduces the bandwidth needed to move data. Provides DR protection on existing WANs, reduces or eliminates media handling.
- Broad solution set – from 1.2TB to 240TB (raw capacity). Protects both distributed sites and large data centers.
- Common software layer links all models and interfaces (NAS or VTL) in a comprehensive data protection strategy.
- True Enterprise capability – 4TB/hour performance, 240TB capacity, direct tape creation

#### FEATURES/BENEFITS OF THE QUANTUM SCALAR SERIES TAPE LIBRARIES

- Non-disruptive scalability
- Proactive monitoring and diagnostics
- Easily integrates with disk-based backup systems
- Drive utilization and media integrity analysis tools for advanced library resource management and diagnostics
- Built-in encryption capability using LTO-4; simple key management with Quantum Encryption Key Manager

## Quantum's Multi-tier Solution for Centralizing and Protecting Distributed Data



### The products and services available from Symantec and Quantum used to build a multi-tier solution include:

- Veritas NetBackup Platform – a scalable, centrally managed, enterprise level application that delivers unified disk-and-tape-based data protection, archival, and recovery management for heterogeneous operating environments, including virtual environments
- Quantum DXi-Series of de-duplicated disk-based backup systems – reduces required disk capacity for backup and restore by 90% while enabling secure, remote replication with minimal bandwidth
- Quantum Scalar Series tape libraries – provides a highly reliable and highly scalable tape-based system for long-term data retention and archiving.
- Quantum Encryption Key Manager – allows for the global key management of LTO-4 based encryption
- Quantum Vision and StorageCare™ Guardian – provides centralized monitoring and management for the complete line of Quantum's disk and tape systems.
- Global support and service. Symantec and Quantum are committed to providing rapid, coordinated support for their mutual customers.

Implementing a multi-tier backup architecture using Veritas NetBackup, the DXi Series disk-based backup systems, and the Scalar Series automated tape libraries establishes a reliable and high performing backup solution. Together, Symantec and Quantum speed up backup and recovery, as well as improving onsite and offsite data protection. The net effect of using Veritas NetBackup from Symantec and Quantum together is the realization of a comprehensive data protection solution that addresses more demanding RPO and RTO requirements, reduces administrative overhead, and controls costs associated with data growth.

### Talk to the Experts at Quantum

To learn more about this solution or any of Quantum's backup systems there is more information available online at <http://www.quantum.com/solutions> or call 1.800.677.6268

### THE QUANTUM ADVANTAGE

- **Focused Expertise** – Quantum is the leading global storage company specializing in backup, recovery, and archive solutions.
- **Customer-Driven Innovation** – Quantum focuses on solving customers' current and future problems.
- **Platform Independence** – Quantum's open system approach provides customers with the flexibility to incorporate our solutions with every leading data management application available today.
- **Comprehensive Solutions and Services** – Quantum offers the broadest range of hardware, software, support and services in the industry for every size company.
- **Global Scale** – Quantum's global service presence provides customers with 7x24x365 support around the world.

To contact your local sales office, please visit [www.quantum.com](http://www.quantum.com)

# Quantum®

**Backup. Recovery. Archive. It's What We Do.**

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### About Quantum

Quantum Corp. (NYSE:QTM) is the leading global storage company specializing in backup, recovery and archive. Combining focused expertise, customer-driven innovation, and platform independence, Quantum provides a comprehensive range of disk, tape, media and software solutions supported by a world-class sales and service organization. As a long-standing and trusted partner, the company works closely with a broad network of resellers, OEMs and other suppliers to meet customers' evolving data protection needs.