



**commvault®**  
*solving forward™*

## Quantum and CommVault

### A Singular Solution for Today's Data Protection Challenges

When it comes to data protection there is nothing more frustrating than knowing your data is safe but having a hard time finding the one file you need right away. With a decentralized system, finding that one file can be like finding the proverbial needle in the haystack—very frustrating and time consuming. The problem with a distributed system is that there are typically too many haystacks and just one needle to be found.



Customers need a solution that incorporates a centralized information management platform with an integrated multi-tier storage system. They need a complementary, comprehensive system that delivers an efficient, scalable, and cost effective data protection solution.

#### DELIVERING AN EFFICIENT, SCALABLE, COST EFFECTIVE DATA PROTECTION SOLUTION

A solution built on CommVault's Simpana software suite and Quantum's disk and tape systems is the ideal combination of capability and performance, tested and certified to meet customers' challenges.

- CommVault's Simpana software suite provides an expandable range of application modules, sharing a single set of back-end services to deliver leading-edge functionality that truly unifies and simplifies enterprise data management and maximizes cost effectiveness. Simpana's application modules include Data Protection, Archive, Replication, Search, and Resource Management. Efficiency and simplicity are realized by using just a single console to easily protect and quickly find business critical information amongst a vast amount of protected data
- Quantum's DXi-Series systems provide the sought after performance that improves the speed of backup and recovery for data stored in the short- and near-term. With its patented deduplication technology, more backups can be stored and accessed for a longer time on a near-line system. Along with its fully automated remote replication capabilities, the DXi-Series enhances the backup and recovery processes, provides integrated tape creation, and simplifies disaster recovery procedures.
- Quantum's Scalar Series tape libraries, seamlessly integrated with the DXi-Series systems, handles the secure, long-term retention of data that may have limited access requirements beyond some initial period of activity. Providing the lowest possible operating cost and the greatest portability, the Scalar tape libraries provide the economic balance for a comprehensive backup and recovery system.

#### THE COMBINED BENEFITS OF A QUANTUM AND COMMVAULT SOLUTION

Combining Quantum's backup systems and CommVault's information management platform delivers exceptional value and benefits:

- A comprehensive information protection application provides the most up-to-date understanding of the value of your data, maximizing storage utilization and minimizing costs
- A multi-tier unified repository reduces data protection costs by matching the point-in-time value of data with the appropriate point-in-time backup system—using deduplicated disk for near-line disk caching and frequent restore access while using tape for long-term retention and archival access

#### QUANTUM DXI-SERIES DEDUPLICATED DISK SYSTEMS

- Advanced deduplication reduces backup disk capacity requirements by up to 90%
- Remote replication provides automated Disaster Recovery protection
- Common software layer links all models and interfaces (NAS or VTL) in a comprehensive data protection strategy
- Direct tape creation integrated with CommVault Galaxy

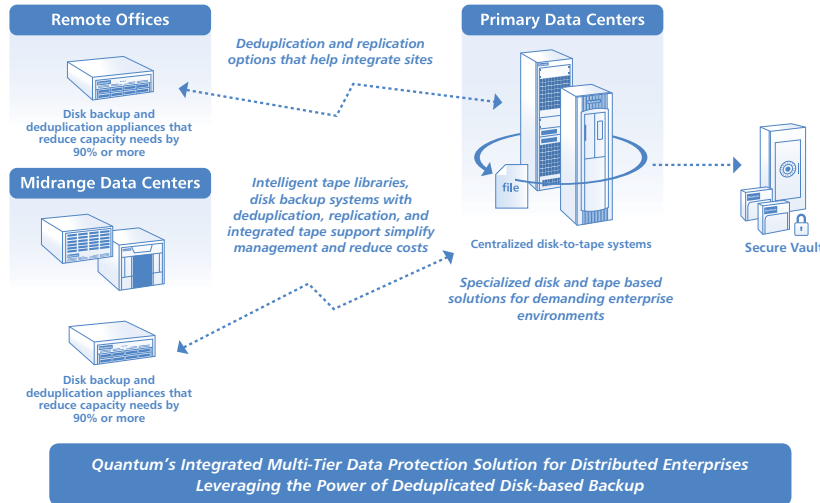
#### QUANTUM SCALAR SERIES TAPE LIBRARIES

- Proactive monitoring and diagnostics ensures maximum performance
- Seamlessly integrates with Quantum's disk-based backup systems
- Quantum Encryption Key Manager simplifies key management for the LTO-4 tape drives

#### COMMVAULT SIMPANA

- A single platform that simplifies all information management tasks – data protection, archive, disaster recovery, and search
- Full content indexing, searchable across all storage tiers, speeds up recovery operations and ensures better business operations
- Leverages a multi-tier environment, maximizes the use of disk and tape systems to control the growth and cost of storage

- Deduplication reduces disk capacity requirements by as much as 90% and significantly reduces the Total Cost of Ownership the entire backup storage system
- The overall task of data protection is simplified by leveraging a single information management platform and a seamlessly integrated set of disk and tape-based systems. Critical information is shared between application modules, providing a timely and complete view of all the information being managed
- The full spectrum of data protection, archiving, and e-discovery functions are easily implemented and operated using just two partners with certified interoperability and cooperative support agreements



## SUMMARY

With CommVault's Simpana application suite and Quantum's backup systems, finding the needle in the haystack is no longer an exercise in futility. Using Simpana's centralized repository, users or administrators can easily and quickly locate their files, datasets, or databases for rapid recovery from recent backups and off-line archives. Using Quantum's disk and tape-based systems, scalability is accomplished non-disruptively, allowing for backup systems growth to keep pace with customer's needs, providing the most cost effective solution now and in the future.

By combining the proven products from Quantum and CommVault, customers can benefit today from an efficient, scalable, and cost effective backup solution

## 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. This includes the DXi™-Series, the first disk backup solutions to extend the power of data deduplication and replication across the distributed enterprise. 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.