

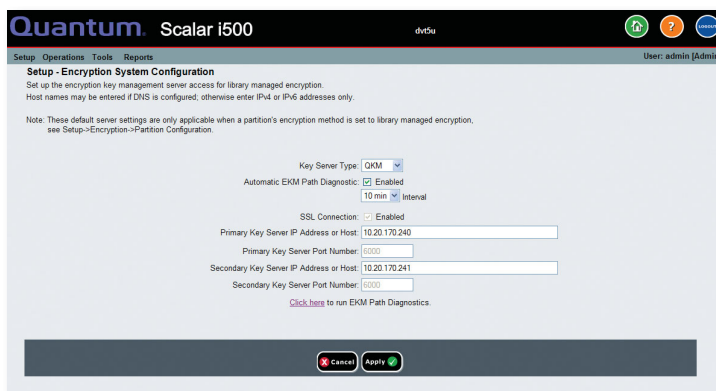
# Scalar Key Manager Appliance

Simplified security solution integrated with Scalar tape libraries

The benefits of encrypting data are countless given the cost and damage that a data breach of sensitive data or proprietary corporate intellectual property might carry. Ignoring the encryption of data is no longer an option as legal requirements are proliferating throughout the world forcing the urgency to protect data to maintain compliance. Quantum's vast experience in backup technology has enabled us to develop an encryption key management solution that is simple, easy to manage and is designed to enable encryption for companies of all sizes. The Scalar® Key Manager Appliance integrates directly with Quantum's Scalar tape libraries to provide a simple, centralized security solution designed to work with encryption-enabled LTO drives. It offers high-availability key management that can be integrated simply into existing backup architectures and is built to comply with FIPS 140-2 Level 1, a security standard established by the US Government and adopted widely outside of the United States. The Scalar Key Manager Appliance enables Quantum tape library customers to have a federally certified security solution while maintaining simplicity in the encryption key management process across all tape backup units in the data center and remote locations.

## Integrated with Quantum's Scalar Libraries

The Scalar Key Manager Appliance is fully integrated with the Scalar series of tape libraries to reduce the time that IT managers need to spend managing their encryption solution. The Scalar Key Manager Appliance setup, configuration, management, and even diagnostics are all accomplished through the native Scalar library user interface. Since there is no additional interface to manage, this integration further simplifies initial setup and the ongoing administration of your security solution.



REDUCES COMPLEXITY OF ENCRYPTION KEY MANAGEMENT

INTEGRATES WITH QUANTUM SCALAR LIBRARIES

COMPLIES WITH SECURITY LEGISLATION

SCALES FOR DISTRIBUTED ENVIRONMENTS

## FEATURES AND BENEFITS

- G **Reduce complexity of encryption key management**  
 Set up, configure and administer the Scalar Key Manager Appliance through the library's native interface and allow the software to manage the entire encryption key process
- G **Integration with Scalar libraries**  
 The Scalar Key Manager Appliance is integrated with the Scalar tape libraries enabling simplified administration of the encryption key management process
- G **Compliance with security legislation**  
 The Scalar Key Manager Appliance comes standard in an HA configuration for redundancy and is built to comply with the FIPS 140-2 Level 1 standard to support federally defined levels of security
- G **Scalable solution for distributed environments**  
 Scalar Key Manager Appliance can centrally manage your encryption keys across the data center and remote sites and will scale with ever growing data demands

### Minimize Complexity of the Key Management Process

Quantum's Scalar Key Manager Appliance is customer-installable, and setup and configuration is easily accomplished through the simple, intuitive Scalar library user interface. Once the Scalar Key Manager Appliance is installed and encryption is enabled, the Scalar Key Manager handles all of the key management tasks, including key creation, tracking the relationship between keys and tapes, and synchronizing key databases between the primary and secondary appliances. No further direct involvement is required from the end user—the solution is "set-and-forget" simple, and the end users can rest assured knowing their data is secure.

### Compliance with Security Legislation

The Scalar Key Manager Appliance is built to comply with the FIPS 140-2 Level 1 security standard, which is a federally approved level of security. Purchasing a key management solution that is built to comply with FIPS means that the underlying cryptographic key management software and hardware is sufficiently robust to meet the federally adopted standards of security. In addition, the Scalar Key Manager comes standard in a High Availability (HA) configuration to ensure that your data is safe.

### Scalable Solution for Distributed Environments

The Scalar Key Manager Appliance is the ideal solution to centrally manage the encryption key process across systems and sites. It can manage the encryption key process for one system or all the systems in your environment while providing a platform that can scale with data growth.

## TECHNICAL SPECIFICATIONS

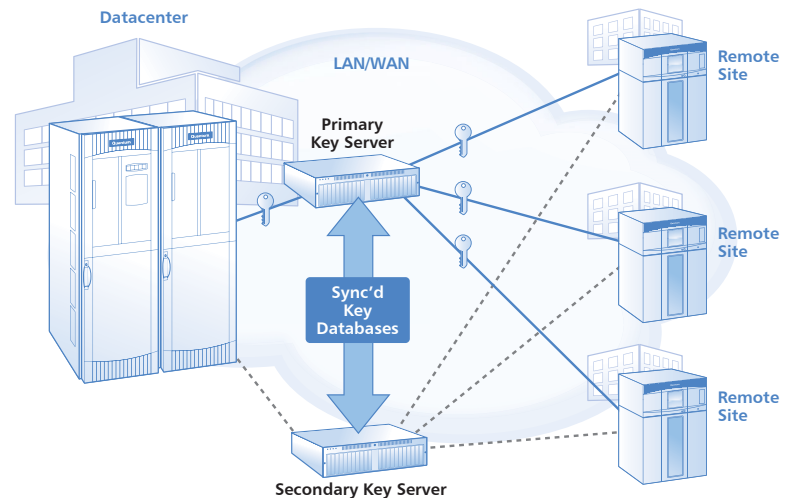
- Built to comply with the FIPS 140-2 Level 1 federal security standard
- Centralized, scalable solution to manage keys across multiple tape libraries and multiple locations
- High Availability configuration with redundant, synchronized key servers
- Customer installable
- Integrated directly with Quantum Scalar tape libraries (managed through the native tape library GUIs)
- Support for LTO-4 drive-based encryption; future support for LTO-5 drive-based encryption
- Ability to import & export keys to facilitate key sharing

Server Form Factor*:	1U, rackmount
Server Weight*:	24.3 lbs
Server Dimensions (H x W x D, in)*:	1.7 x 17.3 x 22
Operating Temperature:	10°C to 35°C at 3,000m
Humidity, Operating:	8% to 80%

\*Each Scalar Key Manager Appliance includes an HA pair of servers

## PRODUCTS SUPPORTED

- Quantum Scalar i2000 with HP LTO-4 native fiber drives
- Quantum Scalar i500 with HP LTO-4 native fiber or SAS drives



For contact and product information, visit [quantum.com](http://quantum.com) or call 800-677-6268

**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.