Quantum Scalar LTFS Appliance

Enabling New Ways to Manage, Access, and Protect Data

Scalar LTFS appliance enables new ways to manage, access, and protect your data. It is ideal for workflow portability, data and content protection, and long-term archive in environments that want to leverage the LTFS open standard and take advantage of tape's long-term reliability, low cost and physical portability.

LEVERAGES THE LTFS OPEN STANDARD

Storing your data in the Linear Tape File System (LTFS) open standard is the best strategy for supporting data transportability and long-term data accessibility.

INEXPENSIVE NAS STORAGE FOR ARCHIVE

Access your tape libraries as a NAS file share. You can even drag and drop files between your tape archive and your primary working storage.

WORKS WITH YOUR EXISTING APPLICATIONS AND FILE SYSTEM TOOLS

Archive files are directly available to your existing applications and file system utilities. Access to your archive data and searching for your files no longer requires proprietary backup applications!

SCALE ACROSS PARTITIONS AND LIBRARIES, UP TO 18PB OF DATA

Protect your investment by buying only the performance you need. Scalar® LTFS can scale up as your data and performance needs grow.
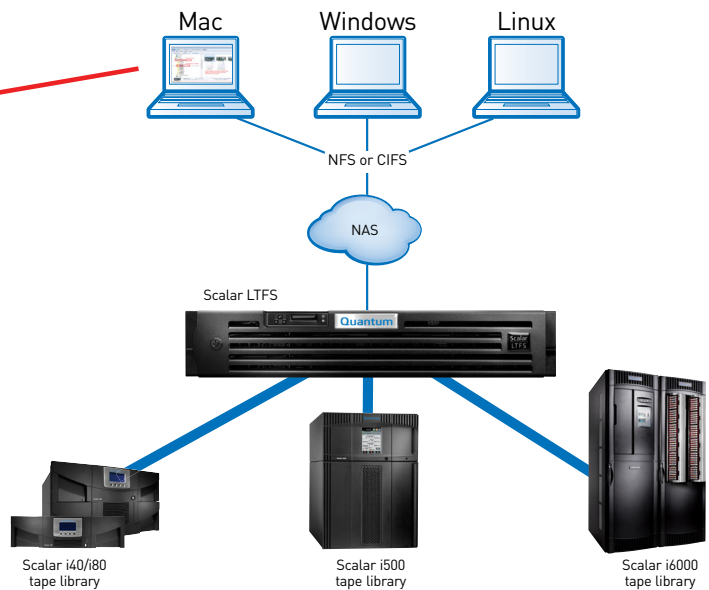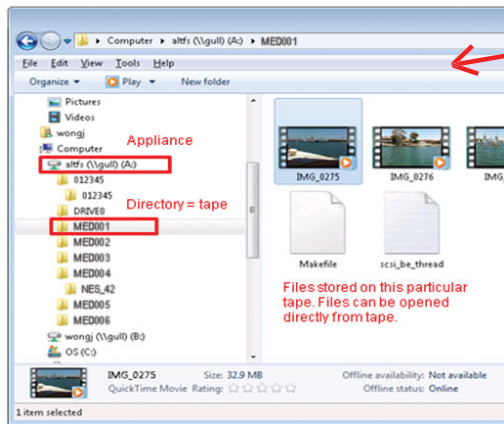
EASY APPLIANCE DEPLOYMENT

Scalar LTFS is an appliance, designed and configured to handle your specific performance requirements. These user-installable appliances offer performance for large organizations and simplicity where IT support is limited.

GET THE MOST UTILIZATION FROM YOUR TAPE LIBRARY

Use the library capacity you need for your traditional backup data, and leverage other library slots to store your LTFS archive data.

KEY FEATURES

- Leverages LTFS Open Standard
- Data Portability for Easy Sharing
- NAS Connectivity to Your Tape Library
- CIFS and NFS Presentation
- Multiple Interfaces to Choose From
- Access up to 18PB of Archive Data
- Access Data Without the Use of Backup Applications
- Leverage Existing Applications and File System Tools
- Scalable Configurations Protect Your Investment
- Simple to Deploy

Mac   Windows   Linux

NFS or CIFS

NAS

Scalar LTFS

Scalar i40/i80
tape library

Scalar i500
tape library

Scalar i6000
tape library

TECHNICAL SPECIFICATIONS

SUPPORTED TAPE PRODUCTS

Compatible with Quantum Scalar Libraries:
  • Scalar i6000
  • Scalar i500
  • Scalar i80
  • Scalar i40
Requires LTO-5 or LTO-6 drives and media
Leverages standards-based protocols for writing to tape

NAS PRESENTATION

NFS v3 (Linux) or CIFS (Windows and Mac OS)
POSIX interface support

INTERFACES

Host Interface: 1Gb Ethernet or 10Gb Ethernet
Library/Tape Drive Interface: 6Gb SAS or 8Gb Fibre Channel

POWER INPUT

USA: Type 3-prong power cords with IEC320 C13 to Nema 5-15 connectors
International: C13 to C14 type 3-prong power cords with IEC320 C13 to IEC320 C14 connectors

Input Voltages:	100 to 240 VAC
Rated Frequency:	50 to 60Hz

HIGH-AVAILABILITY FEATURES

Mirrored disk metadata storage
Metadata backup utility
Redundant power

MOST GRANULAR ADDRESSABILITY

Applications and users have direct cartridge-level addressability
Access any LTFS tape cartridge in registered partitions from all connected libraries
Query individual cartridges for capacity utilization and availability

CLIMATIC ENVIRONMENT

TEMPERATURE
  Operating: 50° to 95°F (10° to 35°C)
  Shipping & Storage: -40° to 149°F (-40° to 65°C)
RELATIVE HUMIDITY
  Operating: 20 to 80% non-condensing
  Shipping & Storage: 5 to 95% non-condensing
ALTITUDE
  Operating: -50 to 10,000ft (-15.2 to 3,048m)
  Shipping & Storage: -50 to 39,370ft (-15.2 to 10,668m)

PHYSICAL SPECIFICATIONS

Width (in/cm)	17.19 / 43.6
Height (in/cm)	3.40 / 8.6 (2U)
Length (in/cm)	24.09 / 61
Weight (lbs/kg)	49.5 / 22.5

AGENCY CERTIFICATIONS

SAFETY
  IEC 60950-1 (ed. 1), CSA 60950-1-03/UL 60950-1 1st Edition
EMISSIONS
  EN55022 Class A, FCC Part 15 Class A, ICES-003 Class A, VCCI Class A,
  CISPR 22 Class A, CNS13438 Class A, KN22 Class A

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