



SXL-1 & SXL-2 LTO Digital Video Archives



Presents

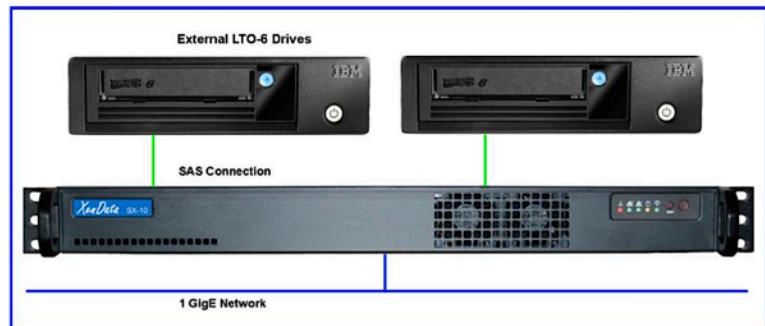
A Complete LTO Archive System

managed by
XenData6 Server software

**Expandable from single or
dual drives to a multi-tape
Library.
It grows with you!**

Functionality

- Standard File-Folder Interface
- Writes to LTO in LTFS or TAR
- CIFS/SMB and FTP Network Protocols
- Windows and Mac Compatibility
- 4 TB Archive/Restore Disk Cache
- Up to 5 TB Near-line LTO Capacity
- Unlimited Offline LTO Capacity
- Automatic LTO Cartridge Spanning
- Automatic LTO Tape Replication
- Optimized File Restores
- Repack of LTO Tape Cartridges
- Multiple Tape Pool Support
- Self-Describing LTO tapes
- Easy Transfer of Content between Systems
- Tape Contents and File Search Reports
- E-mail Alerts
- On-Screen Notifications



Overview

The SXL-1 and SXL-2 archive systems include a XenData SX-10 V2 appliance and one or two IBM external LTO-6 drives. They create a cost effective digital video archive that is optimized for the requirements of the media and entertainment industry.

The IBM tape drives are connected to the SX-10 using SAS connections. The SX-10 manages the tape drives and connects to a 1 GigE network. Files are archived to and restored from LTO just as files are transferred to and from a standard network share. The system supports the CIFS/SMB network protocol and FTP. When using CIFS (also termed SMB), the system is optimized for PC clients running Windows and Mac clients running OS X.

All SXL archive systems run automatically, driven by simple file and folder based rules that are straight forward to configure. File-folder structures easily span LTO cartridges: when a cartridge becomes full, the system sends out on-screen notifications and email alerts but continues to accept files that are temporarily stored on the 3 TB disk cache. After the full tape has been swapped for a blank cartridge, the system automatically writes these files to it.

The SXL-2 supports automatic duplication of LTO cartridges, creating an extra copy that can be held in an offsite location for strong data protection of your digital assets.

The archive systems are fully read-write compatible with 2.5 TB LTO-6 and 1.5 TB LTO-5 tape cartridges. LTO provides highly reliable storage with specified archival lifetimes of 30 years.

Myriad of Uses

The systems run XenData6 Server software and consequently offer a broad range of compatibility. They work with most media asset management, automation and NLE systems. Alternatively, video files may be archived and restored manually to a file-folder structure using Windows Explorer, Finder or via FTP utilities.

They are ideal for storing file-based raw media, completed projects with or without a MAM, or just to create another copy of your assets for data protection purposes. Furthermore, the SXL-1 and SXL-2 are compact and light-weight archive solutions that are ideal for mobile applications.

Easy Management of Offline LTO

The SXL archive systems will manage an unlimited number of offline LTO cartridges. When a cartridge is exported from an LTO drive, all the files held on it remain in the archive file-folder system. If an attempt is made to restore an offline file, the system provides an on-screen notification or an email alert that identifies which cartridge should be inserted back into a drive. Once the tape is inserted and ready, the requested file can be restored.

Each LTO-6 cartridge provides a 2.5 TB capacity which is equivalent to 215 hours at 25 Mbits/s, 105 hours at 50 Mbits/s or over 50 hours at 100 Mbits/s. An SXL system can easily manage an archive containing many thousands of hours of high resolution video.

The system also includes a reports generator which is useful for management of the offline archive. Report types include cartridge contents and file search.



Specifications

External LTO Tape Drive (IBM)

Tape drive type:	IBM LTO Ultrium 6 half-height
Cartridge Capacity:	2.5 TB native
Native Data Transfer Rate:	160 MB/s
Drive interface:	6 Gb/s SAS; 2m cable for connection to SX-10 is included
Power:	100-240VAC; 50-60Hz; 24W max
Dimensions:	2.29" (58mm) high, 8.39" (213mm) wide, 13.07" (332mm) deep
Weight:	9.5 lbs (4.3 Kg)

SX-10 V2 Archive Appliance

CPU:	Intel Xeon E3 quad-core, 3.2 GHz
RAM:	32 GB
Boot disk configuration:	1 TB hybrid drive
Archive disk cache configuration:	4 TB SATA drive
Operating system:	Windows 7 x64 Professional
Archive management software:	XenData6 Server and Alert Module
Network interfaces:	2 x 1Gb/s RJ45 connections
Power:	100-240VAC; 50-60Hz; 2-4 Amp max
Rack form factor:	1U, 11.3" deep
Dimensions:	1.7" (43mm) high, 17.2" (437mm) wide, 11.3" (287mm) deep
Weight:	11 lbs (5 Kg)

Part Number: SXL-1-DT XenData SX-10 V2 Archive Appliance and one external IBM LTO-6 tape drive. Includes keyboard, mouse, 2m SAS cable and an LTO cleaning cartridge.

Part Number: SXL-2-DT XenData SX-10 V2 Archive Appliance and two external IBM LTO tape drives. Includes keyboard, mouse, two 2m SAS cables and an LTO cleaning cartridge.

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