

XenData™ Archive Series Software

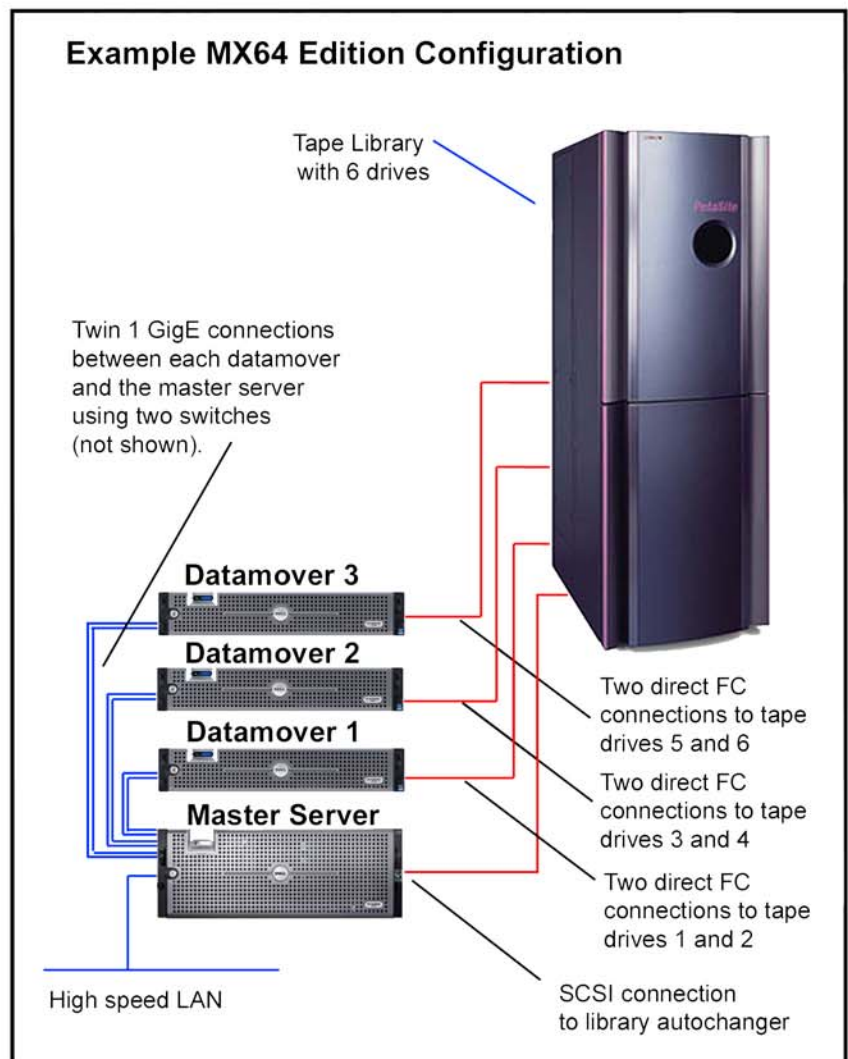
MX64 Edition, Version 5

- > Digital archive solution using multiple Windows 2003 servers
- > Optimized for very large digital video archives
- > Manages data tape libraries and RAID cache
- > 64 bit platforms throughout, for very high performance
- > Standard file system interface
- > Automatically generates tape cartridge copies for off-site retention
- > Offline data tape management
- > Uses open standard TAR format
- > Email and on-screen alerts

The MX64 Edition of XenData Archive Series software is optimized for very large digital video archives, meeting the most demanding requirements of the broadcast industry. It runs on a multiple server system configuration and manages one or more data tape libraries and magnetic disk cache to create a highly scalable digital archive.

Nearline data tape and any offline tape cartridges are presented as a single logical Windows file system. Files are written to and retrieved from the archive as though from a standard magnetic disk share, making for easy integration and deployment.

Video files are transferred to and from the archive over the network at many times real-time. The archive is suitable for applications that require multiple terabytes of file transfers per day.



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Functionality

Standard Windows File System Files held on data tape in a library and any offline files are presented as a standard Windows file system within a logical drive letter on a single server. The digital archive accepts all file types, for example MPEG, MXF and AVI.

File Transfers at Many Times Real-Time The total transfer rate may be scaled by adding more datamover servers and tape drives.

Partial File Restore for All File Types The solution supports partial retrieval of large files of all types. When partial files are requested, the tape is driven rapidly to the beginning of the required file fragments and only the requested byte range is delivered over the network.

Data Protection The system automatically generates tape cartridge replicas that may be exported from the library for off-site retention. The system can be rapidly rebuilt in case of disaster recovery.

Industry Leading Tape Formats The physical tape format may be LTO or SAIT - leading formats in the IT and broadcast industries.

Tape Interchange File Formats The file format used to write to tape is the industry standard TAR. This ensures that files may be read by a wide range of third party utilities and applications. Tape cartridges are fully interchangeable between all XenData software Editions.

Industry Standard File Security The archive integrates fully with the Microsoft Windows security model based on Active Directory. This makes it easy to ensure that file access is limited to authorized users.

E-mail Alerts Notification of hardware errors and archive system problems is provided by e-mail alerts and/or on-screen messages.

Specifications, version 5.0

Supported Operating Systems	Microsoft Windows 2003 R2, Standard x64 Edition, SP2 Microsoft Windows 2003 R2, Enterprise x64 Edition, SP2
Network Protocols	Optimized for CIFS and FTP For compatibility with other network protocols, please contact XenData.
Supported Client Types	When using CIFS, the following clients are supported: 2000, 2003, XP Professional, Vista
Tape File Format	Open standard POSIX TAR
Supported Tape Formats	Includes LTO-4, LTO-3, SAIT-2 and SAIT-1. For the latest support information, please refer to www.xendata.com .
Supported Tape Libraries	The software supports multiple tape libraries on a single server. For the latest support information, please refer to www.xendata.com .
Server Requirements	Please contact XenData for certified server configurations.

For additional information, please contact XenData.

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