

# MX Edition - XenData™ Archive Series Software

## For Digital Video Archives with a Multiple Server Architecture

The MX Edition of XenData Archive Series software is optimized for large digital video archives, meeting the most demanding needs of the broadcast industry. It manages a data tape library and magnetic disk cache on multiple Windows file servers to create a highly scalable digital archive.

### Functionality

**Standard Windows File System** Nearline disk, near-line tape and offline tape cartridges are presented as a Windows logical drive letter on a single server. Video files are written to and retrieved from the archive as though from a standard magnetic disk drive. The digital archive accepts all file types, for example MPEG, AVI, MXF and presents them in a single Windows file system.

**File Transfers at Many Times Real-Time** 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.

**Partial File Restore for All File Types** The solution supports partial retrieval of large video files of all types. When partial files are requested, the tape is driven rapidly to the beginning of the required section and only the requested fragments of a file are retrieved.

### Manages Nearline Disk, Nearline Tape & Offline Tape

The administrator defines policies for RAID caching that can be tailored to the different file types and folders.

**Data Protection via Tape Replication** The software automatically generates replica tape cartridges that may be exported from the library for off-site retention. The system can be rapidly rebuilt from tape in case of disaster recovery.

**Industry Leading Tape Formats** The physical tape format may be LTO, DLT or SAIT - the leading formats in the IT industry.

**Tape Interchange File Format** The file format used to write to the 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 the MX and Video Editions.

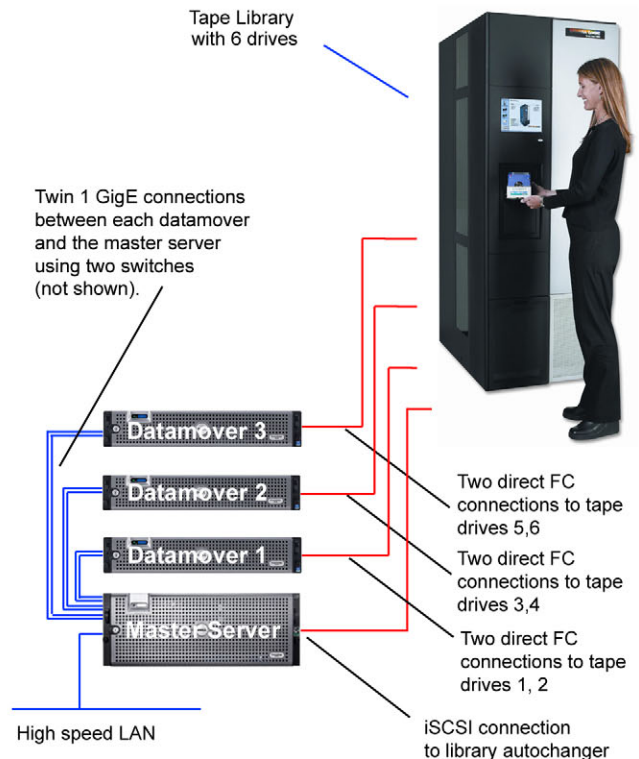
**Network protocols** The software is optimized for the standard Windows network protocol (CIFS).

**Industry standard file security** The file server integrates fully with the Microsoft Windows security model, based on Active Directory. This makes it easy to ensure that video file access is limited to authorized users.

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

**Highly Scalable** Archive Series software supports tape libraries with multiple Petabyte capacities.

### Typical MX Edition Configuration

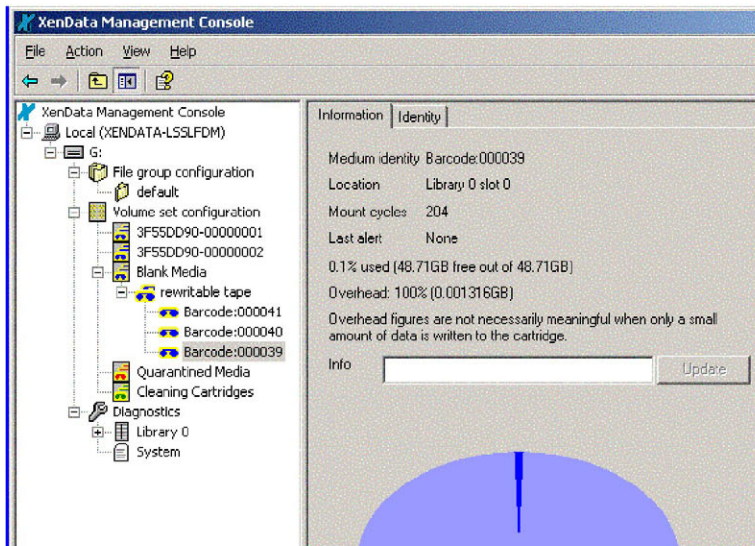


## Administrator Policies

The physical storage location of files is driven by policies set by the administrator. Options include:

- >> automatic duplication of data tapes
- >> file retention time on RAID cache
- >> grouping of files on specified tape sets

Administration is performed using the XenData Management Console, an MMC snap-in.



## Master Server and Datamover Operating Systems

Microsoft Windows Server 2003 X64, R2 - Standard or Enterprise Editions

## Network Communications

The Video Edition is optimized for communications via CIFS, the standard Windows network protocol. The following clients types are supported: Microsoft Windows 2000/2003/XP Professional/Vista.

## Server Requirements

Please visit contact XenData for certified server configurations.

## Tape File Format

Open Standard POSIX tar

## Supported Tape Libraries and Tape Formats

A wide range of tape libraries and tape formats is supported. Please visit [www.xendata.com](http://www.xendata.com) for the latest support list.

## Security

Fully integrated with the Microsoft Windows security model, based on Active Directory.

XenData software is sold worldwide via Authorized Business Partners that deliver fully integrated digital video archives.

For further information, please visit [www.xendata.com](http://www.xendata.com) or contact:

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This datasheet applies to XenData Archive Series  
software, MX Edition, Version 5.00

Datasheet last updated: 28 August 2007

*XenData*