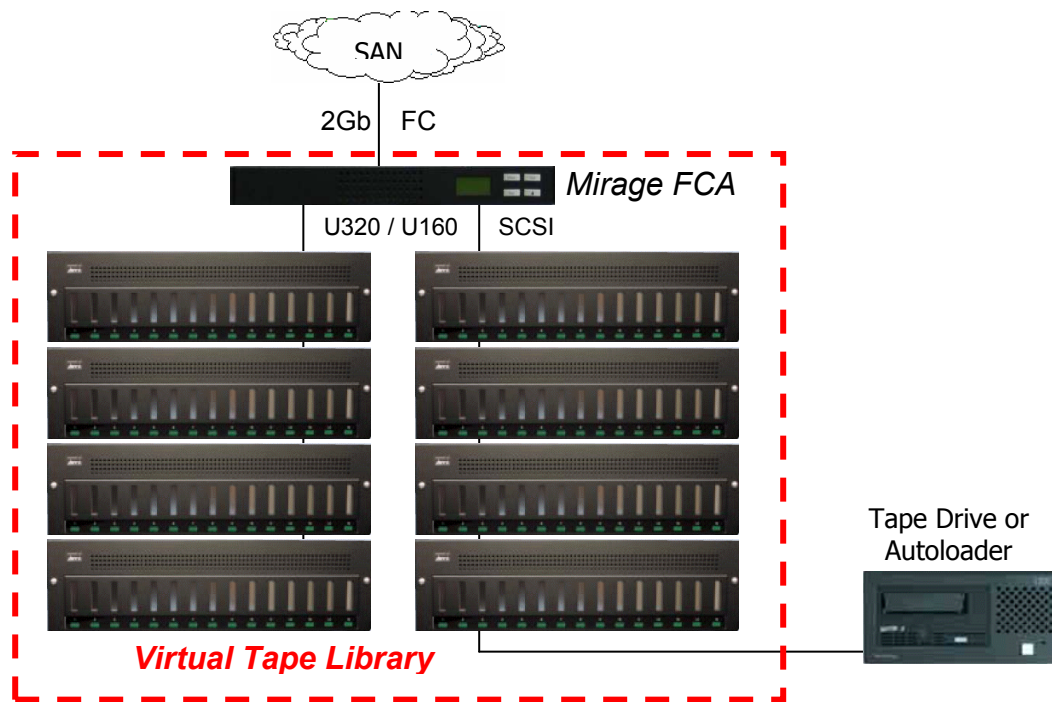




MirageFCA Virtual Tape Controller (VTC) is the key component of a high performance Virtual Tape Library (VTL) demanded by today's growing businesses to efficiently protect critical business data. The *MirageFCA* VTC emulates tape drives using SCSI RAID systems to increase the performance and reliability of the backup, restore and archive process. *MirageFCA* is seen by the backup application as a conventional tape library, but provides more reliable high performance backup and restore tasks typical of RAID systems. The *MirageFCA* VTL is scalable and can grow with future requirements by attaching up to a total of eight RAID systems to the existing *MirageFCA* VTL.

The *MirageFCA* Controller's Embedded Archive Engine (EAE) automatically copies the "virtual tape cartridges" to the physical drive at tape streaming speeds as an independent, server-free, background task. Copying, in this high speed streaming mode, minimizes wear (shoe shining) on the tape drive. Backup software can perform backup and restore requests instantly using the *MirageFCA* VTL, while off-site tapes are still being copied by the EAE.

MirageFCA supports direct server as well as SAN attached configurations. Hardware integration is simple. It's also seamless to operating systems and backup applications.



MirageFCA complements investments already made in tape drives, libraries and application software. The *MirageFCA* also enables users to minimize changes to their current configuration. The VTL is simply added as another tape device. The backup software can now backup or restore to or from the VTL. The number of VTL slots and drives is user selectable and up to 4 virtual tape drives are supported.

MirageFCA delivers immediate performance improvements to backup and restore applications with a sustained speed of over 500 GB/hour.

It's that simple!



MirageFCA Virtual Tape Controller Specifications

VIRTUAL TAPE LIBRARY

Operating Modes	Random Tape Library Sequential Stacker Autoloader
Library Emulation	Built-in/User selectable
Autoloader Emulation	Built-in/User selectable
Tape Drive Emulation	Built-in/User selectable
Number of Virtual Tape Drives	1 to 4
Number of Virtual Tape Volume Slots	Up to 500
Virtual Tape Volume Data Capacity Size	User defined
Number of Disk RAID Systems	Up to 8
Maximum Size of Each Logical Disk	2TB
VTL Storage Capacity Size	Up to 80TB
Local Management	Front Panel Console

CONTROLLER ENVIRONMENT

POWER

Input Voltage	+5VDC, 10%
Supply Current	3.5 amps, max

TEMPERATURE

Operating	5 degrees C to 50 degrees C
Non-operating	-40 degrees C to 60 degrees C

HUMIDITY

Operating	10% to 80% non-condensing
Non-operating	10% to 90% non-condensing

One Year Warranty

PERFORMANCE

Backup/Restore Performance (Sustained)	500GB/hr/controller
Positioning Time: Locate, Space, Rewind	Less than 1 second

ARCHIVAL DEVICE


Number of Tape Drives	1
Number of Autoloaders	1

INTERFACES

Server/Network Interface	2Gb FC (SFP)
Disk RAID Interface	2 x LVD SCSI U160/320 (VHDCI)
Tape/Library Archive Interface	LVD SCSI U160/320 (VHDCI)

DEVICE TYPES

Platform Independent
All Major Disk/RAID Systems
All Major Tape Drives/Autoloaders

Model No.	Description	Packaging	Dimensions
VT2120SAA	1U Rackmount Single Controller		H 1.75" W 17.00" D 23.31"