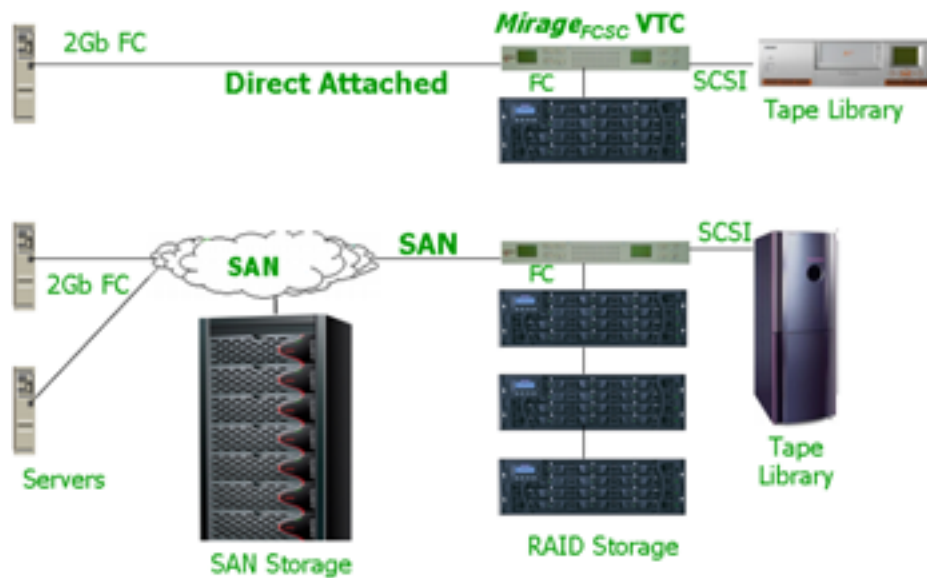




*Mirage*_{FCSC} Virtual Tape Controller (VTC) is the key component of a high performance Virtual Tape Library (VTL). *Mirage*_{FCSC} increases the performance and reliability of the backup process by creating VTLs using Fibrechannel disk storage systems. The Mirage “Embedded Archive Engine (EAE)” archives virtual tape volumes to conventional tape cartridges in tape drive(s), autoloader(s), and tape library(s). The archive process is initiated and managed by the VTC as a background process, without any additional software or host resources. Archived tape cartridges are created as if the tape was written directly by the application software.

*Mirage*_{FCSC} supports direct server attached as well as SAN fabric connections. Hardware integration is simple. It's also seamless to operating systems and backup applications.



*Mirage*_{FCSC} delivers immediate performance improvements to backup, restore and archival applications.

*Mirage*_{FCSC} supports investments already made in tape drives, libraries and RAID equipment as well as application software. Mirage enables users to keep their current configuration in place, no hardware changes, no software changes, no procedural or policy changes.

*Mirage*_{FCSC} built-in RAIT for archival offers higher performance and increased reliability.

The number of VTL slots and drives is user selectable. Up to 8 virtual tape drives are supported per controller. Additional controllers can be added for scalability.

*Mirage*_{FCSC} automatically emulates the attached tape drive or library that is present. In the absence of an archival tape device, a variety of user selectable Tape Library emulations are offered.

*Mirage*_{FCSC} has repositioned tape to its appropriate place as a removable storage device for archival purposes.

It's that simple!



Mirage_{FCSC} Virtual Tape Controller Specifications

FABRIC/SERVER INTERCONNECT

The fabric/server interconnect provides connection between the *Mirage_{FCSC}* VTC and the server or FC network. 2Gb FC transfers provide a sustained backup/restore transfer rate of over 540GB/Hour per controller. Additional VTCs can be added to increase performance.

DISK STORAGE INTERCONNECT

The disk storage interconnect supports 2Gb FC disk RAID systems. The *Mirage_{FCSC}* VTC supports up to 16TB of disk storage per controller. Base configuration supports 4TB.

ARCHIVAL TAPE STORAGE INTERCONNECT

A single *Mirage_{FCSC}* VTC can archive up to 4 SCSI tape drives, standalone or in a tape library. Additional *Mirage_{FCSC}* VTC can be added for additional archival performance. SCSI drive support allows you to extend your investment in existing SCSI based tape drives, autoloaders, and libraries.

REMOTE MANAGEMENT INTERCONNECT

The *Mirage_{FCSC}* VTC supports a 10/100 Ethernet RJ45 port for remote management using an easy to use browser based GUI to monitor and control *Mirage* Virtual Tape Library and Archival operations.

OPERATOR CONSOLE

The front panel operator console features a 4 line by 20 character display and 4 push button keypad.

EMBEDDED ARCHIVAL OPTIONS (Server Free)

- ✓ Single conventional tape cartridge
- ✓ Multiple tape copies
- ✓ High speed RAIT tape sets

INTERFACES

	Type
Fabric/Server	FC 2Gb SFP Optical
Disk	FC 2Gb SFP Optical
Tape	VHDCI LVD SCSI Ultra 2. 4 independent channels

CONTROLLER ENVIRONMENT

POWER





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

TEMPERATURE

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

HUMIDITY

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

Model No.	Description	Packaging	Dimensions
VT820S	5 ¼" Half Height		H 1.67" W 5.75" D 9.20"
VT1020S	Table Top		H 2.50" W 9.75" D 11.00"
VT2120S	1U Rackmount Single Controller		H 1.75" W 17.00" D 23.31"
VT2220FS	1U Rackmount Dual Controller		H 1.75" W 17.00" D 23.31"