

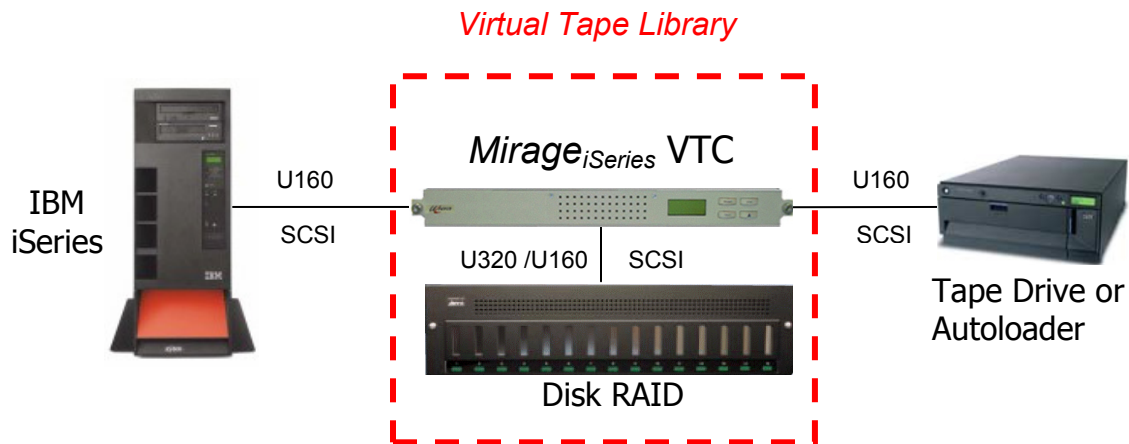


Mirage_{iSeries} Virtual Tape Controller (VTC) based Virtual Tape Library (VTL) solutions target the growing need of Medium and Enterprise Businesses to more efficiently protect critical business data. The *Mirage_{iSeries}* controller utilizes cost effective disk technology to deliver high performance reliable virtual tape solutions.

The *Mirage_{iSeries}* controller uses existing tape backup utilities/software and procedures to record “virtual tape cartridges” on a SCSI interface RAID system. *Mirage_{iSeries}* VTL is seen by the backup application as a conventional tape library, but provides more reliable higher performance backup and quicker restores. The VTL is scalable and can grow with future requirements by attaching up to a total of four SCSI RAID systems to the existing *Mirage_{iSeries}* VTL.

Mirage_{iSeries} VTL delivers immediate improvements to backup and restore applications with a sustained speed over 500GB per hour.

The *Mirage_{iSeries}* VTL emulates the 3580/3590 IBM tape drive or the 3581/3591 IBM tape library. *Mirage* “virtual tape cartridges” can be configured to match the size and format of the tape cartridges in the attached physical drive or library. The *Mirage_{iSeries}* Controller’s Embedded Archive Engine (EAE) can automatically copy “virtual tape cartridges” to the physical drive at tape streaming speeds as an independent, server-free, background task. Efficient utilization of the physical tape drive in this way reduces wear (shoe shining) on the tape drive. The *Mirage_{iSeries}* VTL is the local onsite backup copy, providing instantaneous file restores, while the EAE can record data to a physical tape for off-site purposes. With shorter time required for backup, the time window available for archive has gotten longer, allowing better utilization of tape drives or libraries for better ROI.



Mirage_{iSeries} VTL employs cost effective, reliable SCSI disk technology to improve backup and restore speed, reliability and productivity in a smaller less complex footprint.

It's that simple!



Mirage_iSeries Virtual Tape Controller Specifications

VIRTUAL TAPE LIBRARY

Operating Modes	Random Tape Library Sequential Stacker
Library Emulation	Built-in. 3581/3591
Tape Drive Emulation	Built-in. 3580/3590
Number of Virtual Tape Drives	1 IBM
Number of Virtual Tape Volume Slots	Up to 100
Virtual Tape Volume Data Capacity Size	User defined
Number of Disk RAID Systems	1 to 4
Maximum Size of Each Logical Disk	Up to 2TB
VTL Storage Capacity Size	Up to 40TB
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
Positioning Time: Locate, Space, Rewind	Less than 1 second

ARCHIVAL DEVICES




Number of Tape Drives	1
Number of Tape Autoloaders	1

INTERFACES

Server Interface	LVD SCSI U160 (VHDCI)
Disk RAID Interface	LVD SCSI U160/U320 (VHDCI)
Tape/Autoloader Archive Interface	LVD SCSI U160 (VHDCI)

DEVICE TYPES

Platform Independent
All Major Disk/RAID Systems
IBM3580/3590

Model No.	Description	Packaging	Dimensions
VT880S-2IS	5.25" Half Height		H 1.67" W 5.75" D 9.20"
VT1080S-2IS	Table Top		H 2.50" W 9.75" D 11.00"
VT2180S-2IS	1U Rackmount Single Controller		H 1.75" W 17.00" D 23.31"