

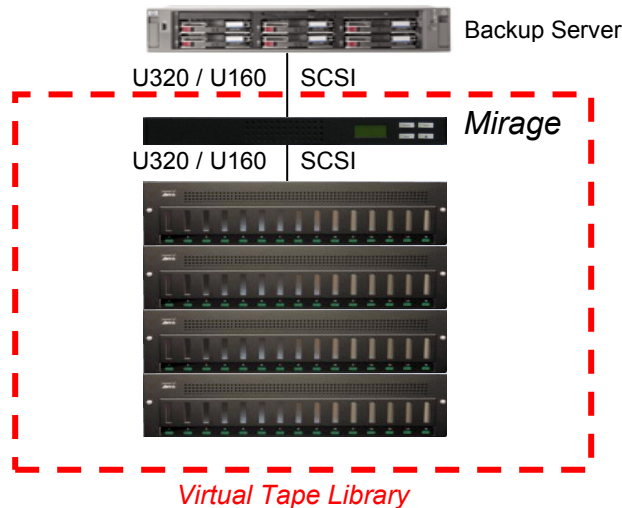


Mirage Virtual Tape Library (VTL) based solutions target the growing need of Small to Medium Businesses (SMB) to more efficiently protect rapidly growing critical business data. The *Mirage* Controller utilizes cost effective RAID systems to deliver high performance reliable VTL solutions.

*Mirage* uses existing tape backup software and procedures to record “virtual tape cartridges” on SCSI interface RAID systems. *Mirage* is seen by the backup application as a conventional tape library, but provides reliable high performance backup and quick restores typical of RAID systems. The *Mirage* VTL is scalable and can grow with future requirements by attaching up to a total of four RAID systems to the existing *Mirage* VTL.

*Mirage* VTL delivers immediate improvements to backup and restore applications with a sustained speed of nearly 500GB per hour. The *Mirage* supports use up to four virtual tape drives simultaneously, allowing up to four backup streams to run concurrently.

*Mirage* VTL offers dramatic cost reduction compared with conventional backup solutions by reducing the number of tape drives and/or tape libraries required. After the VTL backup is completed, in a shorter backup window, virtual cartridges can be copied to physical tape cartridges for off site storage using the tape to tape copy feature available in backup software. Copying in high speed streaming mode minimizes wear (shoe shining) on the tape drive. Backup software can still respond to restore requests, using the *Mirage* VTL, instantly while off-site tapes are still being copied.



*Mirage* VTL employs cost effective, reliable disk technology to improve backup speed, reliability and productivity in a smaller less complex footprint.

*It's that simple!*



# Mirage 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 per controller
Number of Virtual Tape Volume Slots	Up to 250
Virtual Tape Volume Data Capacity Size	User defined
Number of Disk RAID Systems	1 to 4 per controller
Maximum Size of Each Logical Disk	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/hour per controller  
Positioning Time: Locate, Space, Rewind Less than 1 second

## INTERFACES

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

## DEVICE TYPES

Platform Independent  
All Major SCSI Disk/RAID Systems

<b>Model No.</b>	<b>Description</b>	<b>Packaging</b>	<b>Dimensions</b>
VT880SVP	5.25" Half Height		H 1.67" W 5.75" D 9.20"
VT1080SVP	Table Top		H 2.50" W 9.75" D 11.00"
VT2180SVP	1U Rackmount Single Controller		H 1.75" W 17.00" D 11.00"