



Vi-7755 Mainframe Virtual Tape Storage Array

The Vi-7755 Virtual Tape Storage Array for mainframes provides an excellent combination of price, performance and scalability. The Vi-7755 is focused on providing centralized management for local and remote tape resources that enables enterprise-wide data management and security strategies for backup and archiving.

Vi-7755 Features

- Supports multiple operating systems
- No JCL changes
- Redundant Controller Option
- Replication
- Deduplication
- Up to 16 FICON channels per 7755
- Up to 65,536 logical paths
- Up to 12PB of data storage
- Eliminates cost of storing, handling, transporting and managing tapes
- Eliminates recurring maintenance costs of tape libraries & drives
- Significant reduction in datacenter floor space, electrical usage and HVAC requirements

Virtual Tape Technology

The Vi-7755 Virtual Tape Library is a disk-based storage system that transparently appears to the mainframe applications as standard 3490/3590 tape drives.

“Virtual Tape” means that there is no physical tape to mount, thereby decreasing mount times dramatically, removing any physical restrictions on the number of drives and eliminating wasted space normally associated with real tapes. The Vi-7755 Library can emulate up to 1024 virtual tape drives simultaneously while providing up to 65,536 paths to the virtual drives and up to

12PB of actual virtual tape storage. This benefits both user and MIS Department as Mainframe applications no longer need to wait for available physical drives.

The Vi-7755 offers redundant, scalable controllers so that there is no single point of failure and coupled with redundant power, the Vi-7755 provides extremely high availability and bandwidth. The redundant controller option allows for increased bandwidth when all controllers are operational, and provides for complete access in the unlikely event that the Library becomes non-operational. All Library/Pool information is maintained across all units allowing complete synchronization with any installed Tape Managers.

Configuration

A web-based graphical user interface (GUI) is provided to configure and monitor the Vi-7755. The GUI can be used to access information such as the current system status and resource usage statistics. This interface has been designed to make more efficient use of a storage administrator’s time in configuring and managing the Vi-7755 while also helping reduce the time needed to train new administrators. All status panels are color coded for simple ease of use and determining the current operating status of the Vi-7755. Establishing libraries/pools as well as configuring paths to the drives is made simple and easy with this intuitive interface.

Migration

To ease migration the Vi-7755 will work together with any of the following: Z/OS, OS/390 tape management applications, CA-1, ZARA & RMM. Importantly there is no need to make any changes on the mainframe or the applications to access the Vi-7755; all popular VSE tape management systems are also supported. The Vi-7755 can be installed along side existing tape systems and implemented at your own pace without the need to do a complete conversion.



Vi-7755 Library System Specifications

Supported Operating Systems

- IBM Z/OS, Z/MVS, Z/VM, Z/VSE, OS/390

Connectivity

- Up to 16 FICON channels
- Up to 65,536 virtual paths

Virtual Tape System

- 16 to 1024 virtual tape drives emulating 3490/3590 drives
- Any size virtual volumes
- Up to 12PB data storage
- RAID 5, 6 and 10 redundancy

Tape Management

- Support for most tape systems including: CA-1, ZARA & RMM. For VSE: Dynam-T and EPIC are supported but not required

Vi-7755 Library Physical Specifications

Base Chassis

- 19" Rack mount, 42U Height, 27.5" Depth, Actual Weight 730-2100 lbs
Shipping Weight 835-2205 lbs

AC Power

- 1837.56-5395.20W Output @ 100-240V, 18.38-22.48A, 50-60Hz. Dual independent power feeds.