

SEPATON S2100

Virtual Tape Library Products

The SEPATON® S2100® family of virtual tape library (VTL) products reduces risk and improves operational efficiency in the enterprise data center. From the entry-level DS2 Express to the ES2 Series 750 for large enterprises with petabytes of data, all of our products share the same ContentAware™ architecture, enabling them to backup and restore at unmatched speeds with the industry's highest deduplication ratio.

High Performance Cuts Backup Times

SEPATON products are designed from the ground up to deliver the fastest backup and restore performance in the industry. Performance features include multiple Fibre Channel ports as a standard feature and a dynamic disk file system that eliminates fragmentation and maintains maximum throughput by load balancing any size backup across all available processing nodes. Data can be backed up and restored through any port for maximum restore speed.

Scalability Handles Data Growth

SEPATON helps customers backup and restore growing data volumes with ease using the fastest and most easily scalable architecture in the industry. Our grid-based architecture lets you add performance or capacity independently as you need it.

Data Deduplication Reduces Capacity

With built-in compression, customers can realize 2:1* capacity reductions and cut power, cooling and floor space costs without slowing performance. Add DeltaStor® data deduplication software to store up to 50 times more data (with compression enabled) in the same space.

Eliminate Over-Buying

Create as many virtual cartridges as you want without needing commensurate amount of physical storage. The capacity of a tape or virtual tape that is actually used is often much lower than its maximum capacity. SEPATON software monitors the disk capacity that is actually used. When it reaches a user-defined threshold, the software automatically alerts the administrator of the need for additional storage.

Automated Management Saves Time

Advanced automation handles all disk subsystem management tasks from capacity allocation to load balancing and system monitoring without manual intervention. SEPATON products are designed to work with leading backup software applications and to emulate leading tape libraries without changes to backup policies or procedures.

Electronic Remote Replication

The S2100 family of products are fully interoperable with one another. Our Site²™ remote replication software. Automatically replicate data to an off-site S2100 VTL for full disaster protection.

High Availability Protection

High availability features include SATA RAID 6-based storage, as well as redundant power and cooling. In addition, SEPATON VTL software is protected by redundant, internally mirrored drives.

Product Compatibility

Because all of our products are designed with the same operating system, VTL software, and ContentAware architecture you can add or combine solutions to best meet your needs.

S2100 Series 750

	S2100-DS2 EXPRESS	S2100-ES2 Rack Ready	S2100-ES2
Performance (MB/sec)	Up to 300	300-600	600-9600
Physical Capacity (TB)	3.5 or 7	7.5-30	7.5-12000
Fibre Channel Ports	2	2	32
No. SRE Nodes	1	1	1 - 16
No. Virtual Devices	192	192	3072
No. Virtual Cartridges	2,048	5.3 x 10 ⁶	5.3 x 10 ⁶
Software Applications	DeltaStor, Site ²	DeltaStor, Site ²	DeltaStor, Site ²
Hot Standby	No	No	Yes
Cabinet Size	5.25" x 17.5" x 27.5"	NA	80" x 24" x 40"
Expansion Cabinets	No	No	Yes
Software Compression (2:1)	Yes	Yes	Yes
Hardware Compression (2:1)	No	Optional	Optional

Tape Library Emulation

ADIC Scalar 1000, ADIC Scalar 10K, ADIC Scalar 24, Generic SCSI, HP ESL Series, HP MSL Series, HP Autoloader 1/8, IBM 3584, Quantum/ATL P1000, Quantum/ATL P3000, Quantum/ATL P4000, Quantum/ATL P7000, StorageTek L180, StorageTek L700

Tape Drive Emulations

HP Ultrium LTO-1, HP Ultrium LTO-2, HP Ultrium LTO-3, IBM 3590, IBM 3592, IBM Ultrium LTO-1, IBM Ultrium LTO-2, IBM Ultrium LTO-3 Quantum DLT-7000, Quantum DLT-8000, Quantum SDLT-1, Quantum SuperDLT 320, Sony AIT-2, Sony AIT-3, StorageTek T9840, StorageTek T9940

SEPATON, S2100, DeltaStor, and SRE are registered trademarks, and Site² and ContentAware are trademarks of SEPATON, Inc. Other product and company names mentioned herein may be trademarks and/or registered trademarks of their respective companies.

© 2008 SEPATON, Inc. All rights reserved.
FOPDS0108V1