



Speed

Reliability

Data De-duplication

Extensibility

SEPATON S2100-DS2 Virtual Tape Library Appliance

SEPATON is changing the rules of data protection by making advanced virtual tape library (VTL) technology simple and affordable enough for small-to-medium (SMB) organizations and enterprise departmental use. The SEPATON S2100®-DS2 Series 500 virtual tape library system gives SMBs and departments the power to back up more data in less time and to keep more data online longer—in a secure, high availability environment. The appliance is available in 3.5 TB and 7 TB useable capacity options which are both equipped with software compression to deliver double or triple this capacity without additional physical disk.

Speed: High performance design delivers backup/restore speeds of up to 300 MB/second.

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

Data De-duplication Option: Add optional DeltaStor™ data de-duplication software to store up to 50 times* more data (with compression enabled on the VTL) in the same space.

Extensibility: Unique design lets you add SEPATON ContentAware™ applications for advanced features and functionality, including DeltaStor software for industry-leading data de-duplication and Site²¹™ software for secure, electronic remote replication.



SEPATON S2100-DS2

The SEPATON S2100-DS2 Series 500 is a disk-based appliance that appears to backup software applications as a physical tape library. This advanced technology automates storage provisioning and performance optimization, including load-balancing for continuous maximum performance.

Cut Backup and Restore Times — With two Fibre Channel ports as a standard feature, the S2100-DS2 delivers backup and restore speeds of up to 300 MB/sec.

Lower Operating Costs — Add optional DeltaStor data de-duplication software to store up to 50 times* more data (with compression) in the same space for up to 90 percent savings in power and cooling and 96 percent savings in space requirements.

Longer Online Retention — The S2100-DS2 is sized to enable SMBs or departments to store more data online longer, for faster, more reliable backups and restores. It includes integrated software-based data compression.

Store More for Less

SEPATON S2100-DS2

Speed

Simplify Complexity — The S2100-DS2 advanced emulation capability reduces complexity by accommodating mixed server/application environments in open systems infrastructures. It can emulate all leading automated tape libraries and tape formats, including DLT, SDLT, LTO, and AIT. It also integrates with a wide range of backup/restore applications. This powerful emulation capability enables customers to install an S2100-DS2 quickly and without disruption to their existing environment or changes to their backup policies.

Reliability

Flexibility — Each S2100-DS2 can provide up to 192 virtual devices simultaneously, each of which can be configured as a virtual library or virtual tape drive; 2,048 virtual tape cartridges can be configured per appliance.

Data De-Duplication

Built-in Remote Replication — The S2100-DS2 appliance can be upgraded to include ContentAware Site² remote replication software for complete disaster protection. Site² enables you to replicate data quickly and securely to a redundant S2100-DS2 or S2100-ES2 in a remote location.

Extensibility

SPECIFICATIONS

Capacity (useable): 3.5 TB and 7 TB options

(Note: compression delivers two to three times this storage capacity using the same disk drives.)

Performance: Up to 300 MB/second

Host Interface: 2 Gigabit Fibre Channel, 2 ports

Virtual Devices: Up to 192 libraries and drives; up to 2048 virtual tapes per appliance

Tape Library Emulations: Single or multiple; up to 192 concurrent library emulations per appliance with up to 2,048 cartridges. Emulates: ADIC Scalar 1000, ADIC Scalar 10K, ADIC Scalar 24, Generic SCSI, HP ESL Series, HP MSL Series, 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

Options: Site² software, DeltaStor software

APPLIANCE CHARACTERISTICS

Max. Capacity: 7 TB (14 TB option with compression)

Dimensions (in.): 5.25 H X 17.5 W X 27.5 L

POWER REQUIREMENTS

Voltage: 100-250 VAC

Frequency: 50-60 Hz

Certifications: EMC: FCC Part 15, CE (EN55022 EN55024), VCCI, AS/NZS (CISPR 22); Safety: CSA 60950, CE (EN60950); Quality: ISO 9001, ISO 14001

Power Compatibility: Australia, China, Europe, India, Japan, Korea, Middle East, North America, Singapore, Taiwan

Store More for Less

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*Compression and de-duplication results will vary with data type and backup methodologies.