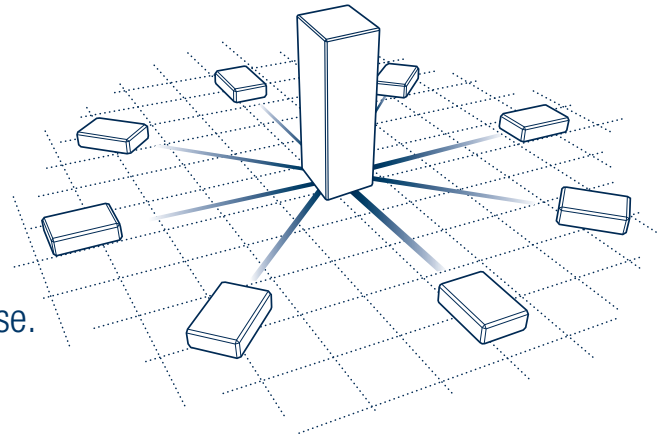


SEPATON S2100-DS3

The Solution for Remote Office Data Protection

Now you can extend the power of the SEPATON data protection platform to edge of your enterprise.



DESIGNED FOR REMOTE OFFICES

Easy to implement, manage, and maintain, the SEPATON S2100®-DS3 is designed to bring the power of the DeltaScale™ data protection architecture to the edge of the enterprise.

- Installs quickly and without changes to backup policies.
- Provides advanced tape emulation and integration with leading backup software applications to fit seamlessly into existing environments.
- Saves administration time with automated management and replication as well as remote management from the main data center.
- Maintains efficiency. Automatically brings added storage online, configures devices to the optimal settings, and incorporates storage into the overall system operation.
- Features an intuitive management console for maximum ease of use.
- Delivers high reliability to eliminate the risk associated with failed or incomplete tape backups.

HIGH PERFORMANCE BACKUP, REPLICATION, AND RESTORE

The DS3 lets you back up data in minutes instead of hours; restore data to end users instantly, and replicate full backups to your main data center and/or disaster recovery site without taxing your network.

- Backup performance of up to 1500 MB/sec.
- Automatic load-balancing of backup and restore functions ensures continuous, maximum performance.
- Advanced DeltaStor® deduplication technology dramatically reduces storage capacity without slowing backup or restore performance.
- DeltaRemote® replication software cuts the bandwidth required to replicate over a WAN by as much as 97 percent.

ENTERPRISE-WIDE PROTECTION

Replicate data from DS3 systems in your remote offices to an enterprise-class SEPATON S2100®-ES2 in your main data center for cost-saving consolidation and disaster protection. Perform remote office archiving to tape from your main data center.

The DS3 delivers concurrent deduplication and replication – the fastest path to data safety.

FLEXIBILITY AND CONTROL

The DS3 delivers the full complement of advanced features enabled by the powerful SEPATON DeltaScale architecture:

- Flexibility to configure virtual tape drives and tape cartridges as needed for maximum efficiency.
- Supports all leading backup applications.
- Supports Symantec NetBackup OpenStorage (OST) on 10 Gb Ethernet concurrently with Fibre Channel tape emulation.
- Storage pooling with multi-tenancy.
- Secure Erasure option delivers guaranteed, auditable erasure of data on virtual tape cartridges.



The S2100-DS3 data protection platform for unparalleled protection of remote office data.

SEPATON S2100-DS3 Specifications

	SERIES 1000	SERIES 2000	SERIES 2000e
MAX CAPACITY, RAW	Up to 48TB	Up to 96TB	Up to 96TB
USABLE CAPACITY	10TB to 40TB	20TB to 80TB	20TB to 80TB
HOST INTERFACES	4 Gb Fibre Channel, 2 ports	4 Gb Fibre Channel, 4 ports	4 Gb Fibre Channel, 2 ports, 10 Gig E, 2 ports
MAXIMUM THROUGHPUT	Up to 600 MB/sec.	Up to 1200 MB/sec.	Up to 1500 MB/sec.
VIRTUAL DEVICES	Up to 192	Up to 192	Up to 192
VIRTUAL CARTRIDGES	Up to 64,000	Up to 64,000	Up to 64,000
BASE SYSTEM		DISK EXPANSION TRAY	
Hardware Platform <ul style="list-style-type: none"> 2U (EIA standard) 19-inch, rack mountable, hot-swappable disk drives Redundant fans, hot-swappable redundant power supplies RS-232 serial port, VGA port, 4 USB 2.0, 2 Gigabit Ethernet 		Hardware Platform <ul style="list-style-type: none"> Series 1000: Up to 30 TB usable external; Twelve 1 TB internal drives; up to three 10 TB expansion trays Series 2000/2000e: Up to 60 TB usable external; twelve 2 TB internal drives; up to three 20 TB expansion trays 	
Regulatory Approvals <ul style="list-style-type: none"> Safety: UL 60950, IEC 60950, EN 60950 Emissions: CFR47 Part 15B Class A, EN55022 Class A, CISPR Class A Immunity: EN55024 Harmonics: EN61000-3-2/3 		Regulatory Approvals <ul style="list-style-type: none"> Safety: UL 60950, IEC 60950, EN 60950 Emissions: CFR47 Part 15B Class A, EN55022 Class A, CISPR Class A Immunity: EN55024 Harmonics: EN61000-3-2/3 	
Weight <ul style="list-style-type: none"> 32kg/71lb fully assembled (maximum total weight) 		Weight <ul style="list-style-type: none"> 33kg/73lb fully assembled (maximum total weight) 	
System Dimensions <ul style="list-style-type: none"> EIA 2U high, 19" rack width compliant 19.01" (483mm) x 27.83" (707mm) x 3.46" (87.9mm) 		System Dimensions <ul style="list-style-type: none"> EIA 2U high, 19" rack width compliant 19.01" (483mm) x 24.79" (629.6mm) x 3.46" (87.9mm) 	
Power <ul style="list-style-type: none"> 100-240 VAC - 50/60 Hz Two 1.5m power cords with plug conforming to IEC 320-2-2 C14, 250V are included. Other country-specific power cords must be procured separately. Certifications: EU, Canada, USA, Japan, Australia, Korea, China, & Singapore 		Power <ul style="list-style-type: none"> 100-240 VAC - 50/60 Hz Two 1.5m power cords with plug conforming to IEC 320-2-2 C14, 250V are included. Other country-specific power cords must be procured separately. Certifications: EU, Canada, USA, Japan, Australia, Korea, China, & Singapore 	
Environment <ul style="list-style-type: none"> Altitude: Operational: 0 to 2133m (0 to 7,000ft) with a maximum operational ambient temperature derated by 1 degree C per 300m above 900m Vibration: Operational: 0.2g RMS 5-500 Hz random Operating Temperature: 10 to 35 degrees C (50 to 95 degrees F) Non-Operating Temperature: Non-Operational: 1 to +50 degrees C (33.8 to 122 degrees F) Storage: 1 to +60 degrees C (33.8 to 140 degrees F) Shipping: -40 to +60 degrees C (-40 to 140 degrees F) Operational Relative Humidity: 20% to 80% non-condensing 		Environment <ul style="list-style-type: none"> Altitude: Operational: 0 to 3045m (0 to 10,000ft) Vibration: Operational: 0.21g RMS 5-500 Hz random Operating Temperature: 5 to 40 degrees C (41 to 104 degrees F) Non-Operating Temperature: Non-Operational: 1 to +50 degrees C (33.8 to 122 degrees F) Storage: 1 to +60 degrees C (33.8 to 140 degrees F) Shipping: -40 to +60 degrees C (-40 to 140 degrees F) Operational Relative Humidity: 8% to 80% non-condensing 	
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 Emulation HP Ultrium LTO-1, HP Ultrium LTO-2, HP Ultrium LTO-3, HP Ultrium LTO-4, IBM 3590, IBM 3592, IBM Ultrium LTO-1, IBM Ultrium LTO-2, IBM Ultrium LTO-3, IBM Ultrium LTO-4, Quantum DLT-7000, Quantum DLT-8000, Quantum SDLT-1, Quantum SuperDLT 320, Sony AIT-2, Sony AIT-3, StorageTek T9840, StorageTek T9940			
NOTE: SEPATON does not recommend installing DS3 units outside a rack. A DS3 unit outside a rack must be kept on a flat, horizontal surface, at a location where airflow is unobstructed and the environmental parameters are maintained within ranges specified. Nothing may be stacked on the DS3. The DS3 ships with a power cord that is designed to connect to a rack PDU. A NEMA-15 compatible power cord may be ordered separately to power the unit using a 110V receptacle. If the unit requires a local power cord, ensure that the plug and the complete power cord assembly meet the appropriate country-specific power standards and that the unit is operated in compliance with all applicable safety approvals and requirements.			