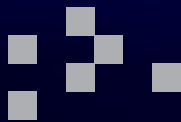


WORKGROUP SDLT AUTOLOADER

AutoDR™





GST's Workgroup SDLT Autoloader is part of our AutoDR™ family. This Autoloader uses SDLT320 and SDLT600 tape technology and provides unattended backup capacity ranging up to 2.4TB native (4.8TB compressed). This compact autoloader spans the gap between GST's Single and Dual Tape Subsystems on one end and GST's tape libraries on the other end, adding considerable granularity to the GST tape product line. With the 8-cartridge configuration, total unattended backup capacity exceeds that of a single tape drive by 7 to 10 times. An LCD panel provides an advanced operator interface for visibility over backup operations.

THE BIG PICTURE

- Eight SDLT600 or SDLT320 cartridges in an autoloader.
- Capacity: SDLT600 is 2.4TB native (4.8TB compressed).
- Speed: SDLT600 is 130GB/hour native (260GB compressed).
- Simplified unattended weekly backup.
- Logical extension of GST's single and dual SDLT drives.
- Supports SDLT320 and sDLT600.
- Roadmap to SDLT1200 and SDLT2400.
- LCD operator panel improves backup efficiency.
- SDLT range: single drive to enterprise-wide libraries.
- Supports LVD, HVD, and FC connections.

The autoloader holds eight data cartridges, or seven data cartridges and a cleaning cartridge. The Workgroup SDLT Autoloader can be used in a 7-day tape rotation procedure, allowing a full week, or even months, of unattended and automated data protection. An integrated mailslot (IO slot) allows for importing and exporting data cartridges without the need for a cartridge re-inventory.

The Workgroup SDLT Autoloader can backup a wide variety of servers. They connect natively with LVD (low voltage differential), HVD (high voltage differential), and FC (Fibre Channel) interfaces.

MODEL OVERVIEW

GST's Workgroup SDLT Autoloader is configured in two server-to-SCSI Adapter interfaces and one fibre interface:

Low Voltage Differential (LVD). Maximum SCSI negotiation of 160MB/s; the total server-to-storage peripheral connectivity is 12 meters.

High Voltage Differential (HVD). Maximum SCSI negotiation of 40MB/s; the total server-to-storage peripheral connectivity is 25 meters.

Fibre Channel (FC). 2Gbit fibre interface.

SDLT TECHNOLOGY

SDLT tape technologies supported are SDLT320 and the newer SDLT600. Native capacities for SDLT320 and SDLT600 are 160GB and 300GB (320GB, 600GB compressed) with speeds of 58GB/hour and 130GB/hour (115GB/hour, 260GB/hour compressed). A 4-generation roadmap provides for a native capacity of 1.2TB per cartridge (2.4TB compressed) and a transfer rate of up to 360GB/hour (720GB/hour compressed).

The SDLT is based on the technology platform that more companies trust to protect their business critical information asset than any other: DLTtape. Specifically designed for the high duty-cycle requirements of the high-end and automated environments, SDLT drives are rated at 250,000 hour Mean Time Between Failures (MTBF) at a 100% tape motion. A low-tension tape design, simple tape path and the proven reliability of linear serpentine tape recording combine to provide users with rock solid reliability and data integrity.

KEY BENEFITS

Simplified Weekly Backups – 8 cartridge configuration provides unattended SDLT600 backup capacities of 2.4TB native (4.8TB compressed), fully automating backups for an entire week, to the point each week when the magazine is removed for safe storage.

Selective Restore – Barcodes on the cartridges permit a restore process to take place using only the specified cartridges in the magazine.

Media Investment Protection – SDLT600 is backward-read compatible to SDLT320, and forward-read compatible to future generations.

KEY FEATURES

LCD Front Panel Menu – Multi-function LCD display provides comprehensive menu-driven command and control functions for setup, configuration, operations and diagnostics.

Mailslot – A separate Mailslot (IO slot) is used for importing and exporting individual tape cartridges under application control.

Barcode Selective Restore – Barcode reader permits cartridge scanning and supports random access for selective restore from specified cartridges.

Convenient Drive Interface – RS232 interface permits updating firmware and optimizing drive performance.

Service and Support – A variety of support programs provide installation and onsite service; includes GST's Accelerated Ship Program (GASP) to get replacement units on the scene rapidly.

Warranty – Purchase price includes a built-in manufacturer's warranty of three years.



WORKGROUP SDLT AUTOLOADER



SPECIFICATIONS	SDLT320	SDLT600
Capacity		
Native	1.3 TB	2.4 TB
Compressed ¹	2.6 TB	4.8 TB
Sustained Transfer Rate - MB/s		
Native	16 MB/s	36 MB/s
Compressed ¹	32 MB/s	72 MB/s
Sustained Transfer Rate - GB/hr		
Native	58 GB/hr	130 GB/hr
Compressed ¹	115 GB/hr	260 GB/hr
Drives and Media		
Drive Type	SDLT320	SDLT600
Media	Super DLTtape I	Super DLTtape II
Autoloader Configuration		
Number of Drives	1	1
Number of Cartridges	8	8
Autoloader Specifications		
Average Exchange Time	10 seconds	10 seconds
MSBF	> 250,000 cartridge changes	> 250,000 cartridge changes
MTBF	> 100,000 power-on hours	> 100,000 power-on hours
Physical Specs, Autoloader Only		
Dimensions (H x W x D), Desk	3.4" x 16.5" x 24.34"	3.4" x 16.5" x 24.34"
Weight, Desk	25 lbs	25 lbs
Dimensions (H x W x D x U), Rack	3.4" x 16.5" x 24.34" x 2U	3.4" x 16.5" x 24.34" x 2U
Weight (unpopulated), Rack	30 lbs	30 lbs
Warranty	3 Years	3 Years

1. Compressed Capacity & Transfer Rate Assumes 2:1 Ratio.



3419 Via Lido, Suite 164
 Newport Beach, CA 92663
 949.673.1248 ~ 949.673.3163 - Fax
www.gstinc.com ~ sales@gstinc.com

GST, Inc. engineers, manufactures, markets and sells a full line of innovative storage backup and restore products to meet today's need for high-performance, fail-safe reliability and cost-effective data storage. Products include single and dual tape subsystems, autoloaders, midrange tape libraries and modular enterprise-wide libraries. Complete information about the company, its products and support can be found at: www.gstinc.com

©2004 GST, Inc. All trademarks and registered trademarks are the property of their respective owners. Specifications subject to change without notice. Doc 206-01