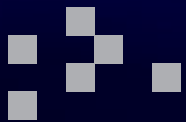


WORKGROUP SAIT AUTOLOADER

AutoDR™





GST's Workgroup SAIT Autoloader is part of our AutoDR™ family. This Autoloader uses SAIT-1 tape technology and provides unattended backup capacity of 5TB native (13TB 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 10-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

- Ten SAIT-1 cartridges in an autoloader.
- Capacity: SAIT is 5TB native (13TB compressed).
- Speed: SAIT is 108GB/hour native (281GB compressed).
- Simplified unattended weekly backup.
- Logical extension of GST's single and dual SAIT drives.
- Supports SAIT-1; roadmap to SAIT-2, SAIT-3, and SAIT-4.
- LCD operator panel improves backup efficiency.
- SAIT range: single drive to enterprise-wide libraries.
- Supports LVD, HVD, and FC connections.
- WORM enabled.

The autoloader holds ten data cartridges, or nine data cartridges and a cleaning cartridge. The Workgroup AIT 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 AIT 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 SAIT 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.

SAIT TECHNOLOGY

Native capacities are 500GB (1.3TB compressed) with speeds of 108GB/hour (281GB/hour compressed). A 4-generation roadmap provides for a native capacity of 4TB per cartridge (10.4TB compressed) and a transfer rate of up to 864GB/hour (2.25TB/hour compressed).

This new SAIT tape technology platform delivers high capacity and high performance using a half-inch, single-reel tape and a 5.25-inch full-height mechanism design, dramatically improving the value proposition between conventional tape roadmaps and future hard disk drive capacity trends. As a new class of tape solution, SAIT technology leapfrogs conventional linear solutions, offering significant advantages in capacity, performance, reliability, and scalability.

KEY BENEFITS

WORM Enabled – SAIT drives are available with Write Once Read Many (WORM) technology. WORM provides tamper-proof data protection with non-rewriteable and non-erasable data storage.

Simplified Weekly Backups – 10 cartridge configuration provides unattended SAIT backup capacities of 5TB native (13TB 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.

KEY FEATURES

Compliance Ready – WORM technology supports compliance with new government data storage regulations that apply to the tamperproof safeguarding of data.

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.

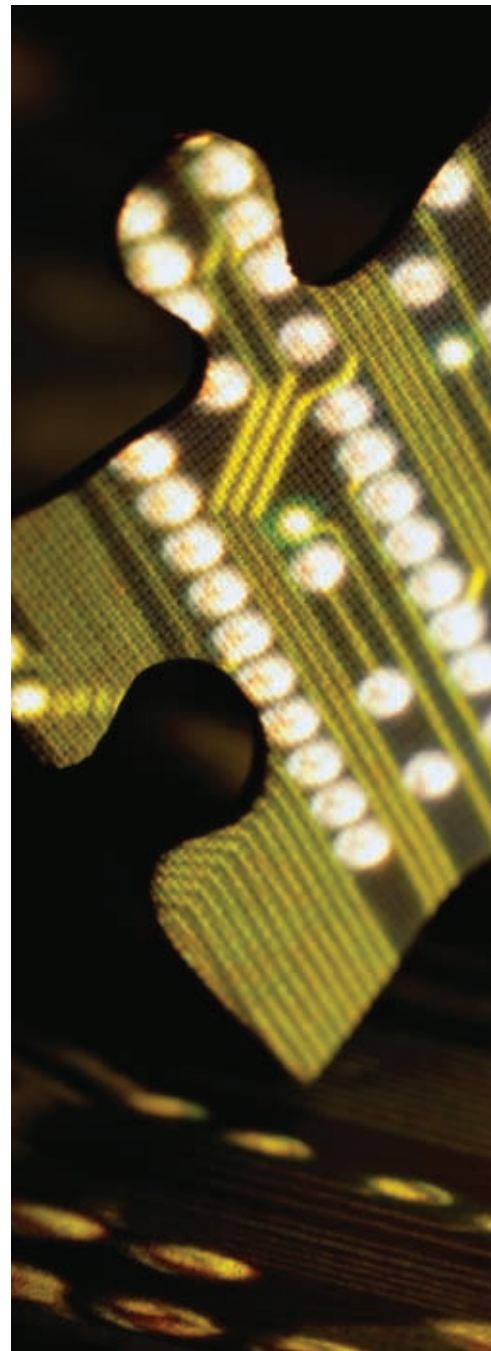
Warranty – Purchase price includes a built-in manufacturer's warranty of three years.



WORKGROUP SAIT AUTOLOADER

AutoDR™

SPECIFICATIONS	SAIT-1
Capacity	
Native	5 TB
Compressed ¹	13 TB
Sustained Transfer Rate - MB/s	
Native	30 MB/s
Compressed ¹	78 MB/s
Sustained Transfer Rate - GB/hr	
Native	108 GB/hr
Compressed ¹	281 GB/hr
Drives and Media	
Drive Type	SAIT-1
Media	SAIT1-500
Autoloader Configuration	
Number of Drives	1
Number of Cartridges	10
Autoloader Specifications	
Average Exchange Time	15 seconds
Cartridge Inventory Time	60 seconds
MSBF	500,000
MTTR	< 30 minutes
MTBF	250,000 hours
Physical Specs, Autoloader Only	
Dimensions (H x W x D), Desk	7.3" x 17.5" x 28"
Weight, Desk	63 lbs
Dimensions (H x W x D x U), Rack	7.3" x 17.5" x 28" x 4U
Weight (unpopulated), Rack	63 lbs
Warranty	3 Years



1. Compressed Capacity & Transfer Rate Assumes 2.6:1 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

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