

OmniLib/950



SPECTRA LOGIC

**Secure, Encrypted,
Mixed Media Automation**

THE SPECTRA T950 LIBRARY: INNOVATIVE EXCELLENCE

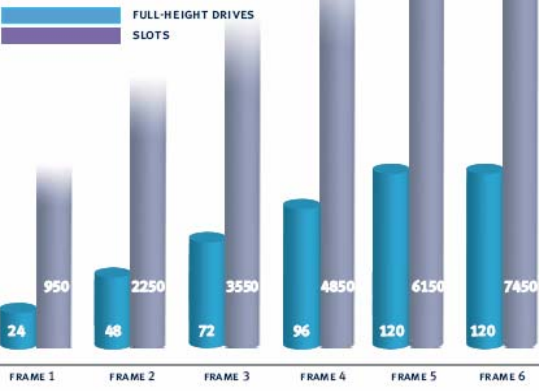
The Spectra T950 enterprise-class library is designed and built to directly address customer frustration with the entire process of data backup. The Spectra T950 library makes it easy to manage both disk and tape by integrating them in one library, handles encryption and backup in a single step, reduces staff involvement tremendously, scales in performance and capacity, supplies a range of support options including around-the-clock, worldwide, on-site support, and a unique self-service option all with a design that yields up to ten times the storage density of competing libraries.



The T950, built on nine generations of hardware and software, shares a common set of features across all Spectra T-Series libraries. The field-proven, sophisticated architecture common to these libraries is Spectra's BlueScale™ environment.

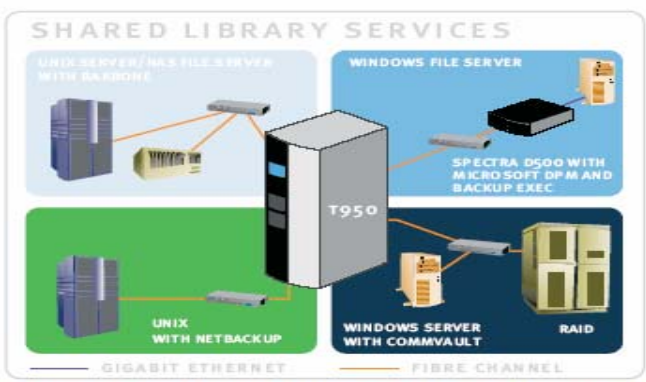
T950 TAPE DRIVES AND STORAGE CAPACITIES

- NOTES:**
1. "Drives" - refers to LTO-SDU-SAIT-RXT
 2. "Slots" - refers to 10-tape TeraPack containers; LTO and SAIT
 3. User has the option of adding drive expansion frames or media expansion frames. Adding drives can consume tape slots. Contact your Spectra Logic sales representative for your specific configuration.



MULTIPLE LOGICAL LIBRARIES FOR THE PRICE OF ONE: EMBEDDED LOGICAL LIBRARY PARTITIONING

Library partitioning lets users logically segment libraries, so multiple backup applications can simultaneously access their own portions of a single Spectra T950 library. Shared Library Services (SLS) lets data centers implement simple, integrated partitioning, so that a single library appears to the network as multiple libraries. Unlike other partitioning solutions that involve complicated external partitioning servers, network connections, and proprietary client software, SLS lets users partition the Spectra T950 quickly through the library's easy-to-use touch-screen interface or through a Web login. The user simply names the partition, then designates drives and slots associated with it. The partition is implemented so that the it's transparent to all applications; partition geometry is stored in non-volatile RAM, where all information is retained, even if drives and interface modules are replaced.



SHARED LIBRARY SERVICES PARTITIONING ALLOWS SIMULTANEOUS CONNECTIVITY TO MULTIPLE BACKUP SOFTWARE PACKAGES.

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	CAPACITY		THROUGHPUT	
	One Frame (T950) <small>TeraPacks/Cartridges / Capacity (TB)*</small>	Six Frames (T950-6) <small>TeraPacks / Cartridges / Capacity(TB)*</small>	Max Throughput <small>Native-Compressed (TB/hour)</small>	Drives
LTO-3 Single LTO-3 drive capacity is 400 GB native/ 800 GB compressed and throughput is 80 MB/second native /160 MB /sec compressed	95 / 950 / 380 TB -760 TB 83 / 830 / 332 TB -664 TB	745 / 7,450 / 2,980 TB - 5,960 TB 733 / 7,330 / 2,932 TB - 5,864 TB 569 / 5,690 / 2,276 TB - 4,552 TB	3.46 - 6.91 6.8 - 13.84 34.56 - 69.12	12 Drives 24 Drives 120 Drives
LTO-2 Single LTO-2 drive capacity is 200GB native/400GB compressed and throughput is 35MB/second native / 70MB/second	95 / 950 / 190TB - 380TB 83 / 830 / 166TB - 332TB	745 / 7,450 / 1,490TB - 2,980TB 733 / 7,330 / 1,466TB - 2,932TB 569 / 5,690 / 1138TB - 2,276TB	1.51 - 3.02 3.02 - 6.05 15.12 - 30.24	12 Drives 24 Drives 120 Drives
SAIT-1 Single SAIT-1 drive capacity is 500GB native/1.3TB compressed and throughput is 30MB/second native / 78MB/second compressed	95 / 950 / 475TB - 1,235TB 83 / 830 / 415TB - 1,079TB	745 / 7,450 / 3,725TB - 9,685TB 733 / 7,330 / 3,665TB - 9,529TB 569 / 5,690 / 2,845TB - 7,397TB	1.30 - 3.37 2.59 - 6.74 12.96 - 33.70	12 Drives 24 Drives 120 Drives
RXT SabreMedia is up to 1.2TB and throughput is up to 80MB/sec native -Subject to change as higher capacity drives become available.	95 / 95 / 114 83 / 83 / 99.6	745 / 7,45 / 894 733 / 7,33 / 880 569 / 5,69 / 683	2.88 6.34 31.68	10 Drives 22 Drives 110 Drives

SDLT ALSO AVAILABLE

*COMPRESSED

ADDITIONAL SPECTRA T950 FEATURES AND CAPABILITIES

Single frame library configurations:

- 100 to 950 cartridges
- 2 to 24 drives
- LTO, SAIT, SDLT and RXT
- Remote management
- Compatibility with major operating systems
- ISV certification (see www.SpectraLogic.com for a compatibility matrix)
- Hot-swappable components
- 2 Gb Fibre Channel, 4 Gb Fibre Channel and Gigabit Ethernet connectivity
- Physical Characteristics:
H 200.1 cm, W 77.8 cm, D 109.8 cm
H 78.77 in, W 30.63 in, D 43.21 in

- Power Requirements: Input Power: 8.2-6.8 Amps (RMS) at 200-240 VAC, 50/60 Hz (max config)
- Heat Dissipation: 5,898 BTU/h (24 drives)

Weights:

- Base Frame (no drives or media) - 800 lbs/362 kg
- Drive Expansion Frame (no drives or media) - 750 lbs/340kg
- Media Expansion Frame (no media) - 700 lbs/317kg
- Drive/Sled - 12 lbs/5 kg
- TeraPack Case (with media) - 6 lbs/3 kg

INTERFACES

- FC I/O Blade (QIP)
- 2 Gb/sec, dual port
- 4 Gb/sec, quad port
- GigE/iSCSI I/O Blade (QIP)
- 1 Gb/sec, dual port
- iSCSI
- TCP/IP Offload Engine (TOE)
- Native Fibre Channel (4Gb)

RELIABILITY STATS

- Mean Cycles Between Failures (MCBF)
2,000,000
- Mean Time Between Failures (MTBF)
250,000 power-on Hrs.
- Mean Time to Repair (MTTR)
3 minutes for hot-swap components, 30 minutes average for non-hot-swap components



- ✓ INTEGRATED, HARDWARE-BASED AES-256 ENCRYPTION
- ✓ ONLY LIBRARY WITH MOBILE DISK AND TAPE IN A SINGLE FRAME
- ✓ EASIEST TO MAINTAIN, WITH MULTIPLE EASY-TO-SWAP COMPONENTS
- ✓ SUPPORTS MIXED MOBILE MEDIA, INCLUDING LTO, SAIT, SDLT AND RXT™ SABRE DISK
- ✓ EASIEST TO USE, WITH TOUCH-SCREEN GRAPHICAL INTERFACE AND SECURE REMOTE WEB LOGIN
- ✓ ONLY LIBRARY SIMPLIFYING AND SPEEDING THE DAILY BACKUP TASK OF HANDLING MEDIA

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