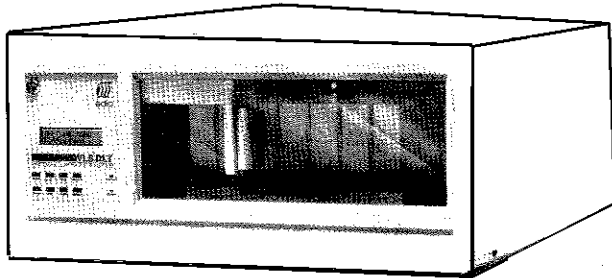


VLS DLT

DLT



The ADIC VLS DLT series offers up to 490GB of storage and the industry's fastest DLT technology — up to 300MB/minute native transfer rate.

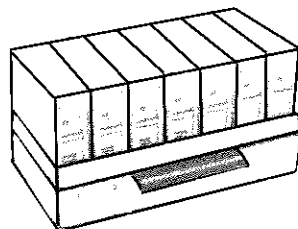
HIGH CAPACITY, AUTOMATIC BACKUP AND TAPE MANAGEMENT SOLUTION

With transfer speeds of up to 300MB/minute and capacity of up to 490GB, the ADIC DLT™ Virtual Library System (VLS) is a high performance automated tape library suitable for enterprise-wide backup and archiving. It offers the latest in DLT tape drive technology, including the new DLT7000 drive with sustained native transfer rates of up to 300MB/minute, the fastest in the tape backup industry.

- Up to 300MB/minute sustained native transfer rates
- Automated storage with up to 490GB of capacity
- 7-tape magazine eliminates manual tape handling and simplifies off-site storage
- Field proven reliability for better data protection
- Supported by all leading applications software for all major operating systems

HIGHEST CAPACITY, PERFORMANCE, AND RELIABILITY

The VLS DLT delivers the capacity and performance to back up today's growing networks within the constraints of limited backup windows. Its 7-cartridge magazine can store from 210 to 490GB of data, depending on the choice of drive. Transfer rates range from 150MB/minute (compressed) for the VLS DLT300™ (with DLT2000XT drive) to a full 300MB/minute (native) for the VLS DLT700™ (with DLT7000 drive). The VLS DLT also offers industry leading reliability. Proven in millions of field-use hours, the VLS library mechanism utilizes ADIC's simplified robotic action to prevent misfeeds. The magazine, cartridge picker, and drives are clearly visible through a window in the unit's locking door, and a front control panel with LCD display simplifies configuration and diagnosis. The VLS DLT is rated for a minimum of 100,000 cartridge changes and has an MTBF of 80,000 hours. Mean time to repair is less than 30 minutes.



The VLS DLT magazine holds 7 DLT cartridges, and snaps into place for quick loading and unloading. The magazines stack for convenient, protected data storage.

STORAGE AUTOMATION FOR GROWING NETWORKS

Automating storage with a VLS DLT library provides better protection for your network's data, eliminating individual tape handling while reducing overhead and operator error. Its 7-tape magazine allows up to 490GB to remain in on-line storage, simplifying file or system restoration. Access to stored data is immediate: changing cartridges takes only 10 seconds. Seven cartridge positions allow ample storage capacity and provide room for a cleaning cartridge. The magazines snap easily into place for fast loading and stack to provide a convenient system for archiving or off-site storage. The VLS DLT library can be used as a desk-top unit or mounted in a standard 19-inch rack.

SUPPORT FOR ALL MAJOR OPERATING SYSTEMS

The ADIC VLS DLT library is supported by all leading application software for NetWare, Windows NT, OS/2, and Macintosh LANs. UNIX support includes SCO UNIX, IBM AIX, SunOS and Sun Solaris, HP UX, DEC ULTRIX, Silicon Graphics, and AT&T/NCR UNIX. Contact ADIC for a detailed list of current software compatibility.

VLS DLT300 VLS DLT400 VLS DLT700



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VLS DLT

DRIVES AND PERFORMANCE

	VLS DLT300	VLS DLT400	VLS DLT700
Drive Type:	DLT2000XT	DLT4000	DLT7000
Data Capacity Native:	105GB	140GB	245GB
with 2:1 Compression:	210GB	280GB	490GB
Transfer Rate Native:	75MB/min	90MB/min	300MB/min
with 2:1 Compression:	150MB/min	180MB/min	600MB/min
File Access Time (Avg):	68 sec.	68 sec.	60 sec.
Data Compression:	On-board DCLZ with variable block size		
Recording Format:	Multiple Track, Linear Serpentine		
Data Buffer:	2MB	2MB	4MB
	cache buffer adjusts to host rates		
Removable Magazine:	7-Cartridge Capacity		
Media:	DLTape™ IIIXT	DLTape IV	DLTape IV
Tape Length:	1800 feet	1800 feet	1800 feet
Recording Density (bits/in):	62,500	82,000	86,000
Tracks Per Tape:	128	128	208

OPERATION

Cartridge Change:	10 sec max
Indicators:	LCD menu display for configuration and diagnostic status, Power and Lock status LEDs
Controls:	8-button Keypad
Drive Indicators:	Write Protected, Tape in Use, Use Cleaning Tape, and Tape Density LEDs; Density Select, Tape Unload controls
Interface:	Fast SCSI-2, Single-Ended VLS DLT700: Fast and Wide SCSI-2, Single-ended or Differential

RELIABILITY

Hard Error Rate:	Less than 1 in 10 ¹⁷ bits read
Tape Shelf Life:	30 years minimum (at 20°C, 40% RH)
Maintenance:	Periodic drive head cleaning with DLT Cleaning Cartridge
MSBF:	Greater than 100,000 cartridge changes
MTBF:	Greater than 80,000 power on hours
MTTR:	Less than 30 minutes
Error Correction Code:	Reed Solomon ECC; 64-bit CRC on each 4KB of data; 16-bit CRC on each record; Internal parity checking on cache buffer

FOR FURTHER INFORMATION, CONTACT YOUR LOCAL ADIC DEALER

PHYSICAL

Dimensions:	17.4"W x 20.45"D x 8"H (43.2cm x 51.9cm x 20.3cm)
Weight:	35 lbs. (15.9kg)

ENVIRONMENTAL

Electrical:	100-240 VAC; 50-60Hz; 1-0.5A; Auto Voltage Select
Altitude:	8000 ft (2428 m)
Temperature:	10°C to 40°C Operating
Humidity:	20 to 80% Non-Condensing Operating
Noise Level:	45 dBA
Vibration:	0.25g (5-500 Hz) Operating 0.50g (5-500 Hz) Storage/Shipping
Shock:	2g Operating, 30g Storage/Shipping
BTU/Hour:	225

COMPLIANCE AND CERTIFICATION

Safety:	UL-1950, CSA950, EN 60950
Emissions:	FCC #47 CFR, Part 15, Class B, CSA C108.8M, EN 55022, Class B
Susceptibility:	IEC (801-2, -3, -4)
International:	CE

SOFTWARE AND PLATFORMS

See the most recent ADIC Software Compatibility Guide for a complete list of software and platforms compatible with the VLS DLT.



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