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## **Product Datasheet**

# **Overland Storage NEO Series 2000**

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# OVERLAND STORAGE NEO SERIES™ 2000

*Non-stop operation in a cost effective tape library.*



## NON-STOP OPERATION

The Neo LYN2000 tape library's Distributed Robotic Architecture sets the new standard for high availability in tape automation by which all other libraries will be compared. Incorporating the third generation of Overland's expandable, modular robotics, the Neo features LiveSwap™ tape drives, remote fail-over, removable power supply and redundant robotics.

## PERFORMANCE AND CAPACITY

Each module has 26 DLT, 26 SuperDLT or 30 LTO Ultrium slots and up to two drives. This gives you as much as 66 TB capacity and up to 1,840 GB/hour performance in an eight module library that can operate as a single library. Drive technologies supported include DLT8000, Super DLT 220, Super DLT 320 and LTO Ultrium.

## FLEXIBLE CONNECTIVITY

Connectivity functions are provided by the Virtual Interface Architecture (V.I.A.) card bays. One of these cPCI cards is used to provide an HVD SCSI interface while another card provides 1 and 2 Gbit/sec Fibre Channel (Loop or Fabric). These functions can be intermixed in one library or one entire multi-module library can be converted using one card subject to bandwidth considerations. Future cards will support IP based storage environments.

- SDLT / LTO / DLT
- 1 x 26 to 16 x 240
- 2 TB to 66 TB

## EASY TO USE AND SERVICE

All operator controls are accessible through a touchscreen, graphical user interface. Web TLC®, a remote library management tool embedded in the Neo, enables the use of a standard browser to view the library and all its functions including firmware downloads, problem diagnosis, remote fail-over and configuration changes, over the internet or over a local net. Drives, power supplies, controllers and interface cards are all easily removed by the user with no special tools required.

## REMOTE FAIL-OVER

A significant benefit of the Neo series design is the capability to remotely transfer control from the Master module to the Secondary Master. This fail-over can be done either through the front panel or through a standard browser using the Internet and, either way, is accomplished without moving any cables. In this manner, the library can be restarted even when one module is powered off or removed. In many cases, the backup job can be restarted using the remaining modules.

*All capacities and transfer rates assume a 2:1 data compression ratio.*



- Available in increments as small as 2TB
- Ideal for the department or work group
- LiveSwap™ tape drives, power supplies, controllers and robotics for non-stop operation
- Optional Fibre Channel interface and serverless backup reduce server workload
- Web TLC provides remote web-based library monitoring, control and fail-over management
- Interactive touch screen display provides intuitive way to view cartridge map, configuration and current status
- Convenient 26 or 30 slot modules provide economical starting point and the ability to expand when necessary

## COMPATIBILITY TO KEEP YOU CONNECTED

- Supports all major operating systems including HP-UX, IBM AIX, Linux, Mac OS, Novell NetWare, SCO UNIX, Sun Solaris, Tru64 UNIX, Windows NT/2000 and more.
- Seamless compatibility with all leading tape application software.

## SERVICE YOU CAN COUNT ON

- Neo 3 year XchangeNOW® warranty includes on-site maintenance during the first year in most areas of North America.
- On-site service is available in most areas (ask for details).

- Includes GUTS™ (Guaranteed Up Time Service) program that ensures 99% up time and 100% data recovery for ultimate protection.

## PROTECTING YOUR STORAGE INVESTMENT

- Over 20 years of experience in data protection and tape storage solutions.
- Engineering excellence with award-winning library robotics design.
- Overland meets the needs of IT professionals in industries worldwide.