



Targetfour

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Product Datasheet

Overland Storage Neo Series Automated Tape Libraries

For UK Pricing, Sales and Support please contact:

Targetfour Limited. Imperial House, 8 Oaklands Park, Wokingham, Berks. RG41 2FD

Tel. 0118 936 4300 Fax. 0118 936 4329

Email. sales@targetfour.com Website: www.targetfour.com

"We needed a highly robust and proven storage platform to ensure that the data was not left unprotected. Neo has enabled us to manage and protect our critical data."

— Steve Shannon
Chief Technology Officer
Agencourt Bioscience Corporation



Specifications

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

- First-year Neo warranty includes on-site service.*
- Extended on-site service is available (ask for details).
- After the first year, Overland's exclusive XchangeNOW® warranty is provided.

* In most areas of North America.

About Overland Storage

- Over 20 years of experience in storage management solutions.
- Engineering excellence with award-winning library robotics design.
- Offers the industry's first family of fully open storage management software solutions.
- Overland Storage meets the needs of IT professionals in industries worldwide.

CAPACITY EXPANSION MODULES



Neo 2000



Neo 4000

NEO SERIES AUTOMATED TAPE LIBRARIES

Model	Slots		Drives	Capacity			
	All SDLT & DLT	LTO Ultrium		DLT8000	SDLT 220	SDLT 320	LTO Ultrium
Neo 4100	52	60	1-4	4.1 TB	11.4 TB	16.6 TB	12 TB
Neo 4200	104	120	2-8	8.3 TB	22.8 TB	33.2 TB	24 TB
Neo 4300	156	180	3-12	12.4 TB	34.2 TB	49.8 TB	36 TB
Neo 4400	208	240	4-16	16.6 TB	45.6 TB	66.4 TB	48 TB
Capacity Expansion Modules							
Neo 2000*	26	30	0-2	2.1 TB	5.7 TB	8.3 TB	6 TB
Neo 4000	52	60	0-4	4.2 TB	11.4 TB	16.6 TB	12 TB

* Neo 2000 is equipped with two Virtual Interface Architecture card slots and has one power supply.

Performance and capacities assume a 2:1 data compression ratio.



Network Computing
Editor's Choice Award
Well-Connected Award
Tape Library Category
Neo Series 4000



PC Magazine
Excellent Rating
Score: 5 out of 5



PC Recommended
September 2001
PC Pro (UK)
Neo Series



Arkeia Power Award
Arkeia by Knox
Software
Neo Series 2000

WORLDWIDE HEADQUARTERS

4820 Overland Avenue
San Diego, CA 92123 USA
TEL 1-800-729-8725
1-858-571-5555
EMAIL sales@overlandstorage.com FAX 1-858-571-3664

UNITED KINGDOM (EMEA OFFICE)

Overland House
Ashville Way
Wokingham, Berkshire
RG41 2PL England UK
TEL +44 (0) 118-9898000
FAX +44 (0) 118-9891897
EMAIL europe@overlandstorage.com

FRANCE OFFICE

126 rue Gallieni
92643 Boulogne Cedex France
TEL +33 (0) 1 55 19 23 93
FAX +33 (0) 1 55 19 25 02
EMAIL europe@overlandstorage.com

GERMANY OFFICE

Humboldtstr. 12
85609 Dornach Germany
TEL +49-89-94490-212
FAX +49-89-94490-414
EMAIL europe@overlandstorage.com

ASIA PACIFIC REP. OFFICE

30 Robertson Quay, #02-10
Singapore, 238251
TEL 65-6839-3510
FAX 65-6738-3008
EMAIL asia@overlandstorage.com

WWW.OVERLANDSTORAGE.COM

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ZERO TOLERANCE FOR DOWNTIME.

Introducing the Neo Series™ Automated Tape Libraries



"The Overland Storage Neo Series tape library is for enterprises that measure backup in terabytes and have no tolerance for downtime."

— David Stone
PC Magazine

Get nonstop operation and expansion on demand in an enterprise-class tape storage library with up to 66 TB of capacity.

NEO SERIES

Nonstop Operation

Neo Series tape libraries from Overland Storage give you everything you should expect from an enterprise-class data backup and recovery solution:

- Nonstop Operation
- Expansion on Demand
- Investment Protection
- Remote Library Management
- 1 and 2 Gb/second Serverless Backup in a SAN Environment

Neo is the only tape library that can be configured so that no single failure can disable the entire library. You get redundant robotics, drives, controller cards, and interfaces. For extra protection, each module even has an independent power source. In addition, Neo's LiveSwap™ technology allows you or your service technician to remove and replace tape drives without interrupting SCSI bus operations.



The Neo Series features redundant power supplies that can be replaced without interruption. (Available with 4000 models only.)



Neo's LiveSwap™ lets you move tape drives without interrupting SCSI bus operations.

Remote Fail-Over

With Neo's unique fail-over design, the library continues to operate even in the unlikely event that a library module fails. You can complete the simple fail-over process through the front panel or remotely through the Internet using a standard browser. No re-cabling is necessary. No reconfiguration of host settings is required. You just point, click, and complete.



Neo's redundant components and unique fail-over technology ensure nonstop operation.

Enterprise-Class Capacity

Imagine up to 66 TB of capacity in a single 19" rack, supporting up to 16 SuperDLT, LTO Ultrium, or DLT drives and up to 240 slots. You don't get greater storage density than that! With Neo, you can start out with the capacity that meets your requirements then expand your library in increments of 2 TB to 12 TB. Taking up just 3.7 square feet of floor space, your Neo library gives you the greatest storage capacity per square foot of any leading tape library available today.

Neo gives you up to 66 TB of enterprise-class capacity in just 3.7 sq. ft. of floor space.

Shrink Your Backup Window

Fully equipped with 16 drives, Neo gives you up to 1.84 TB/hr backup bandwidth in compressed mode (2:1). In addition, cartridge inventory takes just seconds, thanks to multiple bar code readers operating in parallel and concurrent inter-module robotic movements.

Flexible Connectivity

With interface technologies changing at a rapid pace, you don't want to be locked into one technology. Neo gives you the flexibility you need. You can customize your connectivity interface using any combination of cPCI cards. Two types of cPCI cards are currently available: one for the HVD SCSI interface and another for 1 and 2 Gb/second auto-sensing Fibre Channel interfaces (Loop or Fabric). Neo's unique Virtual Interface Architecture allows you to use multiple interfaces simultaneously and adopt new technologies in the future.



Fully removable magazines make bulk loading and media swapping easy.



Customize your connectivity interface using up to five Virtual Interface Architecture cPCI card bays.

Easy to Use and Service

Advanced as Neo is, it remains incredibly easy to use. All operator controls are accessible through a touch-screen, graphical user interface. Drives, power supplies, controllers and interface cards are all removable without having to use special tools. Our patented Mailslot design lets you add and remove cartridges easily without disrupting the system.



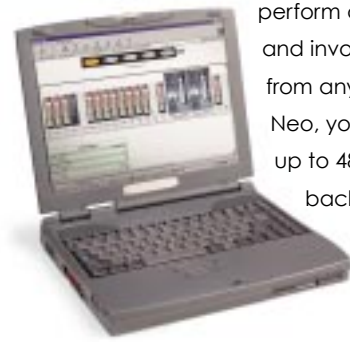
Intuitive touch-screen controls are easy to learn and simple to use.



Mailslot design means you can add and remove cartridges easily without disrupting the system.

Remotely Control Your Tape Library

With Neo's embedded WebTLC™ management tool, you can monitor your Neo library and manage its functions from any browser. You can monitor the system, move tapes, load and unload drives, upload firmware upgrades, make configuration changes, perform diagnostics, and invoke fail-over—all from any location. With Neo, you not only get up to 48 terabytes of backup capacity, you get a life.



Neo's embedded WebTLC gives you 24/7 control of your tape library from any browser.

Expansion on Demand

Caught between present budget and future storage requirements? No problem. Neo's expansion on demand allows you to purchase based on your current needs and increase your capacity as those needs change. With Neo, you have the flexibility to manage your costs. It's no longer necessary to buy the big box now, so you can fill it up later. Neo lets you buy what you need, when you need it. Best of all, Neo's advanced virtualization capabilities enable a Neo of any capacity to operate as a single library.



Neo 4100



Neo 4200



Neo 4300



Neo 4400