

OVERLAND STORAGE LIBRARY PARTITION OPTION

Virtualize Your Neo Series™ Tape Library



Now you can share a single Neo Series automated tape library between several backup applications and/or operating systems.

The Library Partitioning Option (LPO) enables you to divide your physical library into discrete virtual libraries for use by multiple heterogeneous systems. Each virtual library provides a physically separate access path for library commands while still maintaining central control and management of the library.

GET UP TO 16 VIRTUAL LIBRARIES IN ONE PHYSICAL LIBRARY

Partitioning can be as small as one drive and one magazine or as large as 15 drives and 15 magazines. The LPO—similar to all Neo interface options—resides on one cPCI card that plugs into a user accessible Virtual Interface Architecture (V.I.A.) card slot in the rear of the library. This makes it easy to add partitioning to an existing library or even to add more partitions. No tools nor technicians are required.

REMOTE MANAGEMENT

With Neo's embedded Web TLC™ management tool, you can monitor and manage your LPO virtual libraries from any location using a web browser.

A SUPERIOR SOLUTION

Partitioning at the library level is far superior to the partitioning of libraries at the software level using the back-up server as the library "virtualizer." The software-level approach has two key flaws: 1) The back-up server becomes single point of failure for

all backups; and 2) Necessary software agents may not be available for each operating system.

Library Partition Option avoids these pitfalls by creating virtual libraries within a distributed robotic architecture which can continue operating even with a failed module. In addition, the LPO supports multiple heterogeneous host systems at one time.

Nearly all virtualization software products require a redeployment capability. With Overland's LPO, you can make configuration changes and re-deploy storage assets as needed.

NEO LOGICAL PARTITION

Each partition must contain at least one tape drive and one magazine (of the same type). One LPO card is required for the second and subsequent partition in any one library. For example, a single Neo 2000 module can be partitioned into two sections, each connected to its own independent SCSI bus. Mail slots physically residing within a Neo logical partition are exclusively dedicated to that partition.

A Neo 4100 can be partitioned into four sections, each again on its own independent SCSI bus.

When assembled into a fully-stacked configuration, Neo 2000 and Neo 4400 libraries combined will provide from two to 16 logical partitions maximum. A SCSI target device on an independent SCSI bus controls each logical partition and SCSI bus IDs for each logical partition are independently assignable.

- Divides one physical Neo library into as many as 16 discrete virtual libraries
- Storage assets can be re-deployed as needed
- Remote fail-over management
- Can be monitored and managed remotely
- SCSI and Fibre Channel partitions operated simultaneously

COMPATIBILITY TO KEEP YOU CONNECTED

- Operating System Independent—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.

SERVICE YOU CAN COUNT ON

If the card is registered upon purchase as an installed feature within an Overland library, the card assumes the basic warranty entitlement of that library. If the card is purchased but not registered to an eligible library, the card is eligible for a six (6) month return-to-factory warranty from date of purchase. Optional service entitlements to

match the host library beyond the basic warranty are available. Please contact your authorized Overland Storage dealer for details.

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.



Specifications

SCSI BUS PORTS

Ultra wide 160 LVD SCSI bus (VHDCI)

SERIAL PORT

RS232 (for diagnostic purposes only)

ETHERNET PORT

(for internal Neo Series Library communications)

PHYSICAL DIMENSIONS

H x W x D

6.9 x 8 x 6.29 inches (15.3 x 23 x 16 cm)

Weight

1.5 lb (0.33 kg)

POWER REQUIREMENTS

DC Power 5 volts

20 watts typical, 25 watts maximum

AGENCY APPROVALS

Agencies

UL, UL-Canada, TUV PS, CE Marking, FCC and VCCI

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WORLDWIDE HEADQUARTERS

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

UNITED KINGDOM (EMEA OFFICE)

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

FRANCE OFFICE

Overland Storage
13 rue Camille Desmoulins
92441 Issy les Moulineaux Cedex
France
TEL +33 (0) 1 55 19 23 93
FAX +33 (0) 1 55 19 25 02
EMAIL europa@overlandstorage.com

GERMANY OFFICE

Humboldtstr. 12
85609 Dornach Germany
TEL +49-89-94490-214
FAX +49-89-94490-414
EMAIL europa@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