

ShareLoader® SL2000i

Highlights

- Simple, automated installation and configuration frees up resources
- Helps satisfy regulatory compliance requirements
- Fast, effective assistance on specific help requests
- Ensures no disruption to existing backup operation or policies
- Efficient, transparent generation of physical tape
- Consolidates media usage to reduce operational expenses
- Improves performance to meet backup windows and enables longer retention periods
- Scales to meet an organization's growing data requirements
- Library connection remains persistent even if host is offline – no remapping or rezoning required



**ShareLoader 2000i
with optional XpanTape & XpanDisk**

Overview

ShareLoader® Virtual Tape 2.0 delivers the next generation of virtual tape in a simple, cost-effective data protection solution for Windows and Linux-based environments. By using cost-effective disk storage to emulate a traditional tape library, ShareLoader optimizes performance of data management operations, providing almost immediate access to data and dramatically reducing recovery time. The intuitive management, secure seamless integration and scalability of ShareLoader are features not currently found in today's Virtual Tape Libraries and Disk-to-Disk solutions. Optional XpanTape® tape library and XpanDisk® disk array can also be utilized with ShareLoader to provide all the advantages of disk backup with the option of using physical tape.

Key Features & Benefits

Sharable & Secure Across Existing Backup Environments

ShareLoader creates a unique and secure virtual library connection for each host system including laptops, desktops, workstations, servers and virtual machines. This isolation of data helps to satisfy regulatory compliance concerning maintaining controls and storage separation of data. With management for up to 64 host systems, you are no longer limited to which system's data can be backed up – you can cost-effectively protect all of them.

Intuitive Management

Each host system is configured using a wizard, and ShareLoader management features automatically discover, connect and present a virtual library and available tape media for each host system. The dynamic Web-based help system provides guidance and instructions on the specific functions and tasks being managed.

Seamless Integration

As a network appliance, ShareLoader is easy to install and configure using the existing Ethernet network, working "out of the box" with your existing backup application without disrupting any of your current backup policies and schedules.

Integrated, Direct Physical Tape Support

ShareLoader integrates directly with a physical tape library without requiring the need for any separate agents or burden of any additional licensing costs. By utilizing built-in, policy-based scheduling, ShareLoader drastically improves the efficiency of tape operations without any performance impact to the backup server. With virtual tape stacking, physical media costs can be reduced by consolidating the amount of physical media used.

Scalable, Cost-Effective Data Reduction

ShareLoader includes the ability to dynamically reduce the effective amount of storage as much as a 10:1 ratio. ShareLoader scales with your organization's data protection needs through the simple addition of storage expansion modules.

Specifications

Features	
Part Number	ShareLoader SL2000i
Number of Host Connections (Maximum / Concurrent)	100 / 64
Max # Virtual Tape Libraries / Virtual Tape Drives	1, 2, 4 GB FC Support
Max # of Slots / Tapes	9600 / unlimited
Base Unit Internal Capacity (Raw)	6.0 TB (8x750GB SATA) or 8.0 TB (8x1TB SATA)
Usable Capacity (RAID 5 / Compressed*)	5.25 TB / 10.5 TB or 7.0 TB / 14.0 TB
RAID Configuration	RAID 5
Dynamic Data Reduction (typical 2:1 compression ratio*)	Included
External Interfaces	
Data Ports (iSCSI)	2 x Gb Ethernet
Management Port	1 x Gb Ethernet
Expansion Modules Connection	1 x 3Gb 4-lane SAS
Direct Tape Library Connection	1 x SCSI LVD
Data Performance (2 x GbE, 3:1 Compression, 256kbyte Write)	220 MB/s
Host Connectivity Types (iSCSI)	Microsoft XP/2003/2008 & Red Hat Linux
Certifications	iSNS support
Optional XpanDisk® Storage Module	
XpanDisk External Capacity (Raw)	4.5 TB (6x750GB SATA)
Usable Capacity (RAID 5 / Compressed*)	3.75 TB / 7.5 TB
With the Add-on Disk Module (Raw)	9.0 TB (12x750GB SATA)
Usable Capacity (RAID 5 / Compressed*)	7.5 TB / 9.0 TB
Maximum Capacity (RAID 5 / Compressed)	42.75 TB / 85.5 TB or 44.5 TB / 89.0 TB
Optional XpanTape® Library	
Tape Drive	Single HH LTO3
Tape Media Cartridge Slots	23 plus one I/E port
Physical Dimensions	
Mountable	2U
Height x Width x Depth	3.5" (89 mm) x 16.8" (426 mm) x 25.6" (650 mm)
Weight	51 lbs (23.1 kg)
Operating Environment	
Operating / Non-Operating Temperature	10 to 35° C / -40 to 70° C
Operating / Non Operating Humidity (Non-Condensing)	8 to 90% / 8 to 90%
Power and Voltage	
AC Voltage	100 to 240V
Frequency	47 to 63 Hz
Power Consumption	250 W
Power Supplies	2 - Redundant

* Capacity totals include the use of Base Unit plus five XpanDisk enclosures.



Crossroads Systems, Inc.
11000 North MoPac Expwy. Ste. 100
Austin, Texas 78759
USA
TEL: 866.289.2737
512.349.0300
FAX: 512.349.0304
EMAIL: sales@crossroads.com

Crossroads Europe GmbH
Marie-Curie-Str. 19
73529 Schwäbisch Gmünd
Germany
TEL: +49 7171 99800-0
+800 46243726
FAX: +49 7171 99800-10
EMAIL: contact-europe@crossroads.com

www.crossroads.com

ABOUT CROSSROADS

Headquartered in Austin, Texas, Crossroads Systems delivers flexible solutions to connect, protect, secure and restore business-critical "data-at-rest." Crossroads (symbol: CRDS) is currently traded on Pink Sheets and also posts its financial disclosure reports, press releases and other related documentation on the OTCIQ web service of the Pink Sheets website. For more information, please visit www.crossroads.com.



Crossroads promotes institutional and personal environmental responsibility within the company, with our partners and with the users of our products. We are committed to providing the best products and services while encouraging practices consistent with sustainable living and resource conservation.

© 2009 Crossroads Systems, Inc. Crossroads, ShareLoader, XpanDisk and XpanTape are registered trademarks of Crossroads Systems, Inc. Crossroads Systems is a trademark of Crossroads Systems, Inc. All other trademarks are the property of their respective owners.

Virtualized Environments

ShareLoader effectively scales within a virtualized environment with a 1:1 mapping of a virtual machine to its own virtual tape library connection. If a virtual machine is no longer online, then its library connection is persistently maintained so that it is available when it is brought back online – no rezoning, remapping or reconfiguring of any backup policies is required.

Why Crossroads?

Crossroads has been securely connecting and intelligently sharing storage devices over storage area networks for more than a decade. Our solutions are based on patented Router Messaging Interface, which is a proven technology in more than 125,000 installations and now ensures the high performance, reliability and flexibility of ShareLoader Virtual Tape 2.0.

Regulatory Markings and Approvals

ShareLoader SL2000i	
Safety - US and Canada	UL 60950-1, CAN/CSA C22.2 No. 60950-1
Safety - Europe	IEC 60950-1, EN 60950-1
Emissions	FCC 47 CFR Part 15 Class A
CE Marking	EN55022, EN55024, EN61000-3-2, EN61000-3-3
Environmental	RoHS