

REO 4000™

DISK-BASED BACKUP AND RECOVERY

Whether you want to increase the speed of your backups and restores, add disk to your backup scheme, implement longer-distance, lower-cost disaster recovery solutions, or redefine the role tape plays in your backup process, the Overland Storage REO 4000 is the ideal product to fit your needs. The REO 4000 is the highest-performing disk-based backup and recovery appliance available to IT professionals needing to store large amounts of data.

The REO 4000 provides near-instantaneous restores, eliminating the lag time, expense and burden involved in backing up and restoring critical data. It also combines the flexibility, ease of integration and cost-effectiveness needed for quick access to data with the ability to easily move that data to tape at a later time for long-term storage.

The REO 4000 is a shared storage resource, accepting data from multiple servers, resulting in increased backup performance and affordability. The REO 4000 works seamlessly within existing departmental workgroups, SAN storage environments or remote locations, cost-effectively protecting data on Oracle, Microsoft® SQL Server and Exchange and other critical application servers.

- 2-8 TB NATIVE CAPACITY
- iSCSI OR FC CONNECTIVITY
- TAPE EMULATION
- VIRTUALIZED DISKS
- LOW-COST SATA DISK DRIVES
- RAID 5

REO 4000 features include:

High-speed performance—utilizing block-level data transfer technology, the REO 4000 delivers excellent backup speeds and restores business-critical data at disk-speed. Compared to other disk-based RAID products, the REO 4000 backs up your data up to 300% faster—providing both high-speed backups and recoveries.

Flexible connectivity—available in both iSCSI and Fibre Channel configurations, the REO 4000 is designed to seamlessly integrate into your existing network infrastructure. Fibre Channel configurations provide the flexibility to access the REO 4000 through both iSCSI and Fibre Channel, maximizing utilization of the device and alleviating technology transition costs.

Ease of use—with the REO 4000's tape emulation feature, data is easily moved from a server to disk in tape format, resulting in simple installation and integration with existing backup software environments and increased tape system functionality.

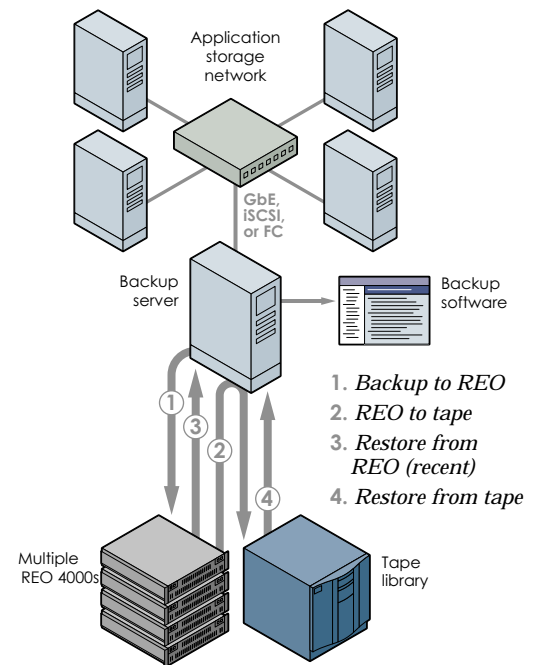
Enhanced connectivity—providing wide-spread support on Solaris, Windows, Netware and Linux operating systems and major third-party software applications, the REO 4000 operates easily within a variety of network applications.

Additional data protection—for users who are less concerned with performance and more concerned with additional data protection, the REO 4000 provides RAID 5 capability, delivering redundant copies of data and the most versatile level of RAID protection.

Simple manageability—providing proactive monitoring capability, event notification and remote management capability, the REO 4000 allows you to easily manage your backup and recovery process from a location that's convenient for you.

Increased data availability—with redundant power supplies and managed hot-swappable disk drives, the REO 4000 reduces expensive downtime and provides increased data availability.

Easy Expansion—fitting comfortably into existing storage environments, the REO 4000 addresses a variety of capacity requirements, providing as little as 2 TB (native capacity) or as much as 8 TB (native capacity).



REO 4000 SPECIFICATIONS

CAPACITY	Eight 250 GB SATA disk drives—2 TB native capacity each			
Native Capacity	REO 4001 2 TB	REO 4002 4 TB	REO 4003 6 TB	REO 4004 8 TB
PERFORMANCE	Up to 300 GB/hour			
HOST INTERFACES	Two GbE Ports (RJ45), One Management Port (RJ45)			
Hardware	16 MB REO SoftKey (standard USB interface)			
Software	1 GB Ethernet/iSCSI, 2 GB optical Fibre Channel			
Storage Protocol				
CONTROLLERS	Dual 3+1 RAID controllers			
RAID LEVEL	5			
LUNs SUPPORTED	Up to 16 virtual LUNs			
POWER REQUIREMENTS	90 to 120 VAC, 200 to 240 VAC+/-10%			
Voltage	47 to 63 Hz			
Frequency	5A @ 115 VAC, 2.5A @ 230 VAC			
Current	IEC 60320 C13 connector			
Power Cord Connector (US)	Steady state 203 watts; peak power 277 watts			
Power Consumption				
ENCLOSURE	17 x 27 x 3.5 inches (43.18 x 68.58 x 8.89 cm)			
Dimensions	2U rackmount			
Weight	56 pounds (25.4 kg)			
ENVIRONMENTAL REQUIREMENTS	OPERATING	NON-OPERATING		
Humidity	20–80% non-condensing	10–95% non-condensing		
Temperature	10–40° C	-40 to 60° C		
	50–95° F	-40 to 140° F		
Altitude	-984 to 10,000 feet	-984 to 30,370 feet		
	-300 to 3,048 m	-300 to 12,000 m		
Shock	10 G (11 ms half sine)	20 G (11 ms half sine pulse)		
Vibration	.25 G swept sine	1.0 G swept sine		
	(5–250–5 Hz) no errors	(5–250–5 Hz)		
AGENCY APPROVALS	UL/TUV, NRTL, CE, CUL (Canada), VCCI Class A (Japan), TUV GS (Germany), BSMI (Taiwan), FCC Class A (U.S.A.), ICES-003 Class A (Canada)			
ISCSI INITIATORS SUPPORTED	Microsoft® iSCSI Initiator for Windows Server™ 2003, Windows® 2000 and Windows XP Professional, Intel® PRO/1000T for Windows and Linux and Red Hat® Linux 9.0. Others as introduced by vendors and certified by Overland Storage			
WARRANTY	One year parts and labor			

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