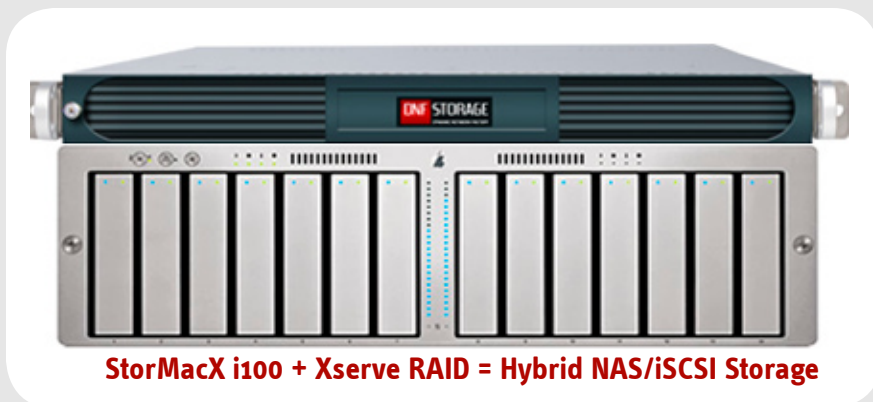


StorMacX i100 NAS + iSCSI Storage for OS X



StorMacX i100 + Xserve RAID = Hybrid NAS/iSCSI Storage

StorMacX i100 Hybrid NAS + iSCSI Storage for OS X

The StorMacX i100 is a hybrid solution that centralizes NAS and iSCSI storage into a single system. StorMacX's cost-effective storage management features include volume management, snapshots, remote replication, a built-in backup utility, user/group quotas, share-level antivirus protection, and a built-in notification/alert system. This easy to use solution is ideal for organizations like hospitals, educational institutions, small to mid-sized business, or research labs. The StorMacX

product family pairs Apple's class-leading Xserve® RAID storage system for cost-effective, simple to deploy, NAS and iSCSI networked storage. With the StorMacX file serving and storage consolidation are unified, which eliminates the need to purchase additional fibre channel HBAs, deploy dedicated servers for file sharing, or manage complicated fibre channel infrastructure.

Applications for StorMacX

StorMacX i100 is an ideal foundation for all storage consolidation projects for small to mid-sized organizations, and offers centralized storage consolidation and management for file and block-level storage. With StorMacX i100, one appliance can manage the Xserve RAIDs, and it provisions the storage to stranded hosts or workstations over IP. This eliminates the need to equip all systems with costly fibre channel HBAs, and leverages existing ethernet infrastructure and expertise. StorMacX i100 supports file serving for heterogeneous environments, business continuity efforts, disaster recovery projects, and simplifies disk based backups.

Snapshots for Nearline Recovery

The snapshot function enables an immediate point-in-time image of any volume. By using the system-wide task scheduler, snapshots can be scheduled or taken on the fly allowing administrators the flexibility of planning snapshot or replication activities around recovery goals or user activity levels. The snapshot images can later be used to provide continuous volume access, giving users uninterrupted and complete access to shares. Snapshots can be used for data recovery or testing applications, since each snapshot is a read/write disk image.

Simple File and Volume Replication

StorMacX i100 features standard replication on local and remote sites for advanced data recovery. With the built-in replication function, administrators can create multiple copies of critical data housed locally or across the globe to ensure data is available in the event of a hardware or site failure. The StorMacX's efficient replication logic is delta based: each replication task compared individual files of volumes with the current copy, and only transmits the changes across the network saving time and network bandwidth.

Built-in Backup Options

StorMacX i100's system-wide scheduler centralizes backup tasks: local backup, tape library management, virtual tape scheduling, remote replication, and snapshots. The backup function also supports backup to external devices including

This solution is available only through Bell Microproducts.



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USB disk drives, networked storage or additional Xserve RAIDs for grab and go backups. With pre-installed backup agents for Veritas Backup Exec, EMC/Dantz Retrospect, and CA's BrightStor, StorMacX i100 integrates into existing backup plans seamlessly.

Support for Heterogeneous Environments

StorMacX i100 systems support NFS, CIFS and AFP, allowing IT Departments can standardize on a single NAS platform for Windows, Linux, Unix, and Apple machines. StorMacX i100 also supports Linux, Windows and Mac host machines for iSCSI storage networks.

StorMacX i100 At-A-Glance

- Centralized Storage Management and Provisioning
- iSCSI Volume Management and Host Support for OS X 10.3.5 and up, Linux, Windows XP, Windows Server 2000 and up
- NAS Storage Provisioning for Apple Talk, SMB, CIFS, NFS v3, NFS v4, FTP, and Secure FTP Protocols
- File and Block Level Replication
- Snapshot support with scheduling
- Dual-Core 64-Bit Storage Processor
- Two Gigabit Ethernet Connections for NAS and iSCSI Networks
- Two Fibre Channel Connections to Xserve RAID Systems
- Dual Redundant Hot-Swappable Power Supplies
- Supports up to 3 Xserve RAIDs per i100
- 1U Rackmount Chassis