

Features and Benefits

Integrated Disk, Tape, Server and Software for the SMB

iStoRA has a complete range of backup / recovery plus data lifecycle management functionality. The best features of disk, tape automation, and advanced intelligent software are all here.

Turn-key Solution

Pre-configured and pre-loaded with software plus network connectivity, iStoRA is ready for plug and play deployment.

Policy-Based Data Lifecycle Management

Administrator-defined policies enable easy, "hands-off" file replication and migration from primary disk to secondary disk to tape to offline – keeping your data stored and tracked.

Seamless File Retrieval

Files are easily located whether on disk, tape, on-line or off-line. A simple query function gives end users the ability to restore their own files, without assistance from a system administrator.

Backed by Breece Hill

No need to negotiate with multiple vendors. All support is from Breece Hill, with a standard three-year warranty and optional Advanced On-Site Repair.



THE CHALLENGE

Your data grows every day and so do your storage requirements. You need a solution that gives you the speed advantage of disk and the long term retention qualities of tape – plus the intelligence to manage data at the file level to enable fast, reliable data restores.

Tape is great for long term storage, but in many environments, is just too slow. Disk is fast, but lacks the remove-ability of tape, limiting its use for disaster recovery. The iStoRA™ provides the best of both.

THE SOLUTION

Breece Hill's iStoRA combines disk, tape, server and software in one plug and play package. By integrating the tape and disk, the iStoRA eliminates the network impact of the movement of data between disk and tape. It is easy to install, easy to manage – and affordable. This optimized blend of hardware, network connectivity and leading edge software delivers worry-free data backup, recovery and data management.

The pre-loaded INTEGRITY data protection software has all the features expected in a backup / recovery solution, plus advanced functions such as remote backup, scheduled replication and policy-based data management.

The new iStoRA G3S and G3X are single box solutions which scale from 2 to 3.2 TB with an integrated 1x10 tape autoloader that uses the latest in tape technology. The integrated tape storage offers low cost and secure off-site archiving not available with disk-only data protection.

iStoRA

Breece Hill's Information Storage and Retrieval Architecture (iStoRA™) is a new approach to meeting the data storage requirements of SMBs. iStoRA™ integrates disk, removable media, and software into an easy-to-deploy, easy-to-manage, versatile and affordable package. The iStoRA meets your business, branch office or department backup, recovery and archival needs.

Specifications

Configuration	STANDARD G3S 8 Drives 10 Cartridges	EXTENDED G3X 8 Drives 10 Cartridges
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Disk

Capacity	2.0-3.2 TB	3.2 TB
Number of Drives	8 SATA	8 SATA
Size of Disk	250 or 400 GB	400 GB
Logical Disk Setup	RAID5 (optional 0,1,10,50)	RAID5 (optional 0,1,10,50)
Hot Spare	Yes	Yes

Server

Memory	2 GB (up to 4GB)	2 GB (up to 16GB)
CPU	3.0 GHz P4	Dual Xeon 3.6 GHz
Expansion Slots	2 PCI-X, 1 PCI	5 PCI-X
Power Supply	Redundant n+1 650 Watt	Redundant n+1 650 Watt
On Board Monitoring	Yes	Yes, extended

Tape Library

Media	LTO-3	Sony SAIT	LTO-3	Sony SAIT
Library Storage Capacity				
Native/Compressed*	4.0/8.0 TB	5.0/13.0 TB	4.0/8.0 TB	5.0/13.0 TB
Data Transfer Rate				
Native/Compressed*	80/160 MB/sec	30/78 MB/sec	80/160 MB/sec	30/78 MB/sec
Data Cartridge Capacity				
Native/Compressed*	400/800 GB	500/1300 GB	400/800 GB	500/1300 GB
Average File Access Time	53 secs	70 sec	53 secs	70 sec
Drive MTBF	250,000 hrs	500,000 hrs	250,000 hrs	500,000 hrs
Barcode Reader and Labels	Yes	Yes	Yes	Yes
WORM Capable	Yes	Yes	Yes	Yes
Network Interface	10/100/100 and 10/100/1000 RJ45		10/100/1000 2X RJ45	

Software

Library Management Utilities	Included	Included	Included	Included
Remote Internet Support	Included	Included	Included	Included
INTEGRITY Backup Software	Included	Included	Included	Included
Supported Applications	Veritas, Computer Associates, Commvault, Legato, Backbone, Arkeia and Microsoft <i>visit the www.breecehill.com or call for details</i>			

Dimensions

Height/Depth/Width	7 x 31 x 17.5 in (4U) Rackmount	7 x 31 x 17.5 in (4U) Rackmount
Weight	75 lbs	75 lbs

Environmental

Operating Temperature	+10° to +35° C (50° F to 95°F)	+10° to +35° C (50° F to 95°F)
Operating Humidity	20% to 80% non-condensing	20% to 80% non-condensing

Compliance and Agency Approvals

Safety	UL 60950, cUL (CSA 22.2-60950), IEC 60950, CB Report
Emissions	FCC Part 15 Class A, CISPR 22 Class A
CE	EN 55024, EN 60950, EN 55022, EN 61000-3-2, EN 61000-3-3

Warranty

Hardware	Three year return to factory	Three year return to factory
Software Support	90 day	90 day
Options	Upgrade to onsite repair	Upgrade to onsite repair
Optional Spares	Disk, power supply	Disk, power supply

OS Supported- Server

Win 2003	Yes	Yes
SUSE Linux	Yes	Yes

**For warranty details see www.breecehill.com
*Compression 2:1 for all drives except
SAIT 2.6:1



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