

# BREECE HILL BIZGUARDIAN APPLIANCE DATA SHEET

(This PDF contains five pages including this introduction)

**BizGUARDIAN™ APPLIANCE**

**No one protects your data better.**

**BREECE HILL**

In our 24 x 7 world, backups are time-consuming and critical. Fifty percent of businesses that lose critical data fail immediately. Your business information is too vital to lose. You rely on accounting information, inventory, customer profiles, e-mail and more to keep your business up and running. You can't risk losing it, not for a minute or an hour or a day.

**RELY ON AN INTEGRATED AND PROVEN SOLUTION**  
BizGuardian™ appliance is the only backup and recovery all-in-one appliance that fully integrates hardware and software into an easy to own, operate and manage package. BizGuardian delivers an automated, highly-reliable networked data protection solution for small to medium businesses (SMBs) and branch offices or departments of distributed enterprises. Its architecture allows robust protection schemes without the complexity and IT intervention normally associated with multi-layered data protection. BizGuardian will save you significant time and help you protect your business-critical information with ease.

**HASSLE-FREE NETWORKED BACKUP**  
Eliminate your IT headaches with the user-friendly BizGuardian. Both tape-only and disk-only solutions have drawbacks. Disk-only solutions are costly, not portable, and lack secure data protection. Traditional tape backup and restore solutions lack security, and are slow and complex when compared to disk.

With BizGuardian, you get the best of both disk and tape. Fully integrated, optimized, and configured, BizGuardian combines the portability and cost savings of tape with the speed and performance of disk, providing protection for more servers in less time. The internal migration of data from disk to tape eliminates network congestion. U.S. government-certified Advanced Encryption Standard (AES) encryption on both disk and tape provides the strongest levels of encryption, helping you prevent unauthorized access to your data.

**BEST PRACTICES UNVEILED**  
**The only all-in-one backup and recovery appliance**  
Fully integrated, optimized, and configured, BizGuardian combines the speed and performance of disk with the portability and cost savings of tape.

**Saves time and money**  
Bare metal restore and automatic grooming of backups on disk reduce administrative and hardware costs. Centralized reporting and remote management of backup servers reduces administrative overhead. You can reduce tape use by a factor of 10 and minimize IT intervention.

**Secures data**  
U.S. government certified Advanced Encryption Standard (AES) encryption provides the strongest levels of security to prevent unauthorized disclosure of your data, even in the event of theft or loss.

**Backup and recovery is a snap**  
With BizGuardian you can perform fast backups and use Smart Restores™ technology. Deploy a solution that provides unassisted user restores that virtually eliminates the need for IT intervention.

**You can install it and go**  
BizGuardian provides an out-of-the-box industry best practices backup strategy, saving time and money. Plug it in to your network, and you're ready to go. BizGuardian arrives integrated with EMC® Retrospect backup and recovery software. No more figuring out how to install or configure components — it's all done for you and has been thoroughly tested by Breece Hill and certified by EMC® Insignia.



This piece, among many others, was part of the BizGuardian product launch for Breece Hill, a small data storage company. The company needed a professional look to portray the capabilities of their flagship product. Please mouse over the “identities & systems” section of my portfolio to see the entire set of product launch collaterals for Breece Hill’s BizGuardian appliance.

See the following pages for complete brochure >>

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## Effortless backup and recovery. So relax.

BizGuardian is integrated with the award-winning EMC® Retrospect backup and recovery software. By using Retrospect to manage backups on BizGuardian, administrators realize:

- Easy and intuitive administration
- Fast self-adjusting backup operations
- Unparalleled restore accuracy
- Advanced disk-to-disk-to-tape operation
- Scalable and expandable capacity
- Superior, uninterrupted data protection



### CONQUER DAILY BACKUP DRUDGERY

Concerned about saving time and eliminating human errors in your backup and recovery efforts? The Breece Hill BizGuardian appliance is designed to eliminate your backup and recovery challenges. No more checking and re-checking backup logs — saving you time and freeing you up to perform higher value activity. These time-consuming tasks are taken care of for you in the Retrospect software. BizGuardian will bring you these benefits:

- **Easiest to own**

BizGuardian gives you immediate best-practice backup and recovery strategies in a robust data protection solution. Backup operations are automatically adjusted so that all selected computers are protected without requiring manual intervention. You will enjoy time savings by not having to write new backup scripts every day to keep backups running smoothly. Plus, with optional user-initiated restores, your users will be able to perform fast onsite data recovery without putting a strain on IT resources.

- **Easiest to operate**

Eliminate the need to perform 50 full backups each year. Unlike other backup applications, you'll get fast backups and unparalleled restore accuracy. Other backup applications can only provide restores with this level of accuracy to the day a full backup was performed.

- **Easiest to manage**

No more complex strategies to protect against backup media failure or site-wide disasters. Eliminate complex tape rotation strategies. Create two sets of tapes, one for onsite backup and restores, and the other offsite for safety. Rotating tapes is vastly simplified with BizGuardian.

## PLUS, STANDARD CAPABILITIES YOU EXPECT

**Security.** BizGuardian delivers government certified 128-bit and 256-bit AES data encryption on tape or disk media for reliable security — the highest there is. It keeps your data protected against unauthorized and unwanted distribution.

**Protection.** Your network-based desktops and notebooks contain up to 80 percent of your company's critical data. With BizGuardian, your clients are backed up when they become available on the network, rather than on a fixed schedule. To make it even easier for you, new users get automatically backed up as they are added to the network.

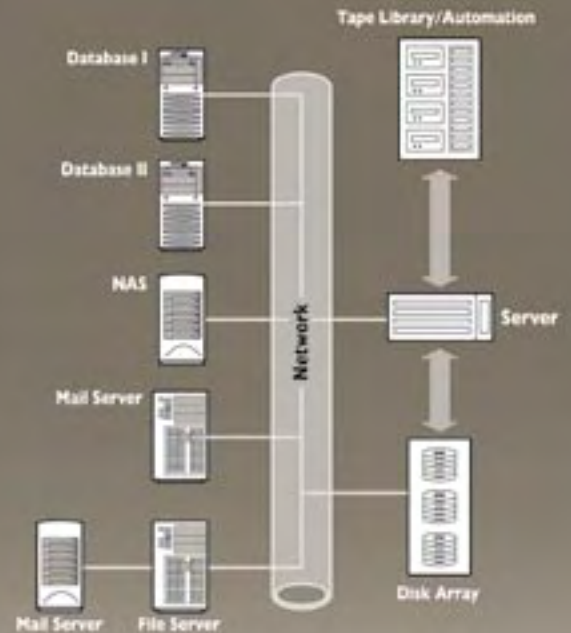
**Monitoring.** You can use a standard Web browser to view backup results from anywhere in the world. Retrospect ReportsWatcher continually generates a consolidated report for all backup servers.

**Serviceability.** Your system was designed for 100 percent field serviceability. It comes with a standard 1-year warranty, first year EMC Retrospect software upgrades and maintenance, first year onsite repair service and 24 x 7 help desk. Optional onsite service upgrades are tailored to meet your needs.

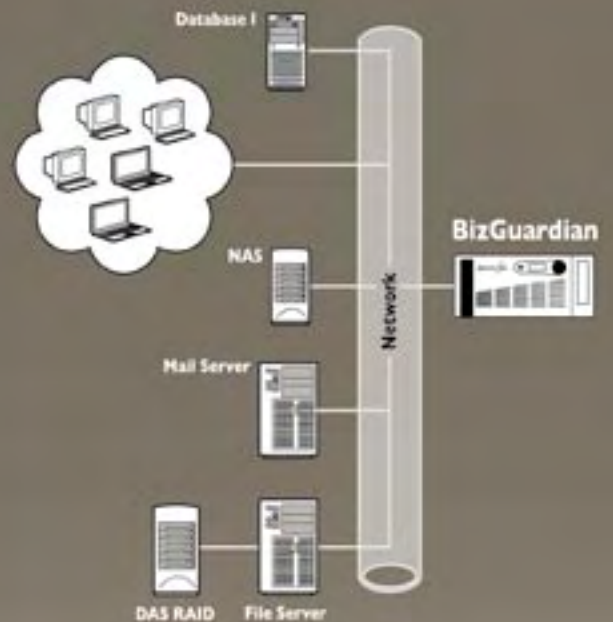
## YOUR BACKUP AND RECOVERY SOLUTION IS COMPLETE

It's more. More than tape, disk, or software alone. Breece Hill's BizGuardian provides a unique blend of hardware and software for worry-free protection of data. It's the only all-in-one backup and recovery appliance.

### Before BizGuardian



### After BizGuardian



Where normally it would take a trained IT professional to design, implement, and manage a D2D2T solution like this, Breece Hill's BizGuardian appliance does it all seamlessly.

## SPECIFICATIONS

### Server

Mother board	Intel
Network interface	Auto-sensing GigE
Memory	2 GB
Operating system	Windows 2003 Server 32-bit Standard

### Disk

Native capacity	2 TB – 4 TB (drive dependent)
Number of drives	8 SATA disk drives
Disk size	250 GB or 500 GB
Logical disk setup	RAID 5

### Tape

Type	HP full-height LTO 3
Number of drives	1
Number of cartridges	10
Media	LTO 3 or LTO 3 WORM
Storage capacity	
Native	4 TB
Compressed	8 TB
Tape cartridge capacity	
Native	400 GB
Compressed	800 GB
Barcode reader and labels	Yes

### Dimensions

Height	7 in (17.8 cm); 4U, rackmount only
Depth	30 in (76.2 cm)
Width	17.5 in (44.5 cm)
Weight	75 lbs (34 kg)

### Software

Standard protection features	Multi server, five-client, open file and Disaster Recovery
Application	EMC Retrospect 7.5
Servers	Maximum 15
Clients	Maximum 300 desktops and notebooks
Disaster recovery	Bare metal recovery
Options	For Exchange, SQL and user initiated restores, contact your Breece Hill sales representative

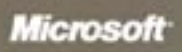
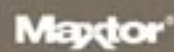
### Environmental, Compliance, and Agency Approvals

Operating temperature	+10° to +35° C (50° F to 95°F)
Operating humidity	20% to 80% non-condensing
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 and Service

Standard	1-year return to factory, first-year EMC Retrospect software upgrades and maintenance, first-year onsite repair
Options	Upgrade to faster response and extended time period
Spares	Customer replaceable disk and power supply module

Breece Hill proudly features the following best-in-class providers:



### For questions about Breece Hill products, contact:

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