



Provide storage for your primary applications and databases, and store your snapshots or backup-to-disk files in one centralization location.

## COMPUTER ASSOCIATES BRIGHTSTOR ARCSERVE BACKUP AND DELL EQUALLOGIC PS SERIES

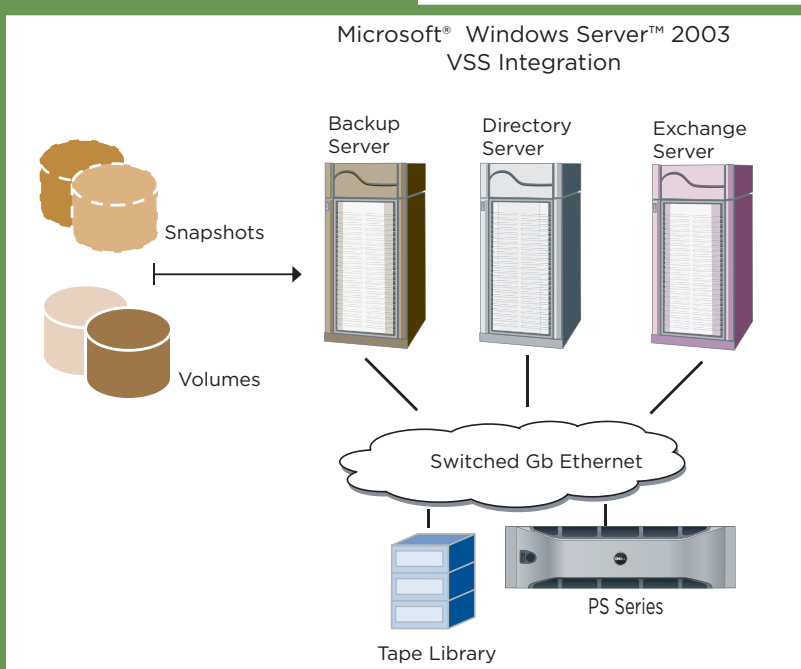
Computer Associates (CA) BrightStor ARCserve Backup delivers leading backup and restore protection for all Windows® server systems, as well as for Linux, Mac OS® X, and UNIX® clients. With a wide range of powerful, easy-to-use data protection tools, BrightStor ARCserve Backup provides complete data protection for environments of all sizes, helping to ensure the integrity and availability of your most important asset—your data.

Among other features, BrightStor ARCserve Backup supports:

- Online “hot” backup and restore
- Disk-to-tape, Disk-to-Disk, and Disk-to-Disk-to-Tape backup
- Snapshot-based backup and restore
- Hardware-based snapshots using the Volume Shadow Copy Service (VSS) framework
- VSS-based support for Exchange and SQL backups

BrightStor ARCserve Backup is one of the most popular backup and recovery products in the world for companies of all sizes. BrightStor ArcServe Backup has built its market presence by being affordable, and its fan base by being simple to use. With this application and EqualLogic's PS Series arrays working as a team, you can provide storage for your primary applications and databases, and store your snapshots or backup-to-disk files in one centralization location.

PS Series storage arrays deliver the benefits of consolidated storage in an intelligent storage area network (SAN) that is affordable and easy to use, regardless of its size. By configuring one or more storage arrays into a PS Series group, you can provide highly available and scalable storage to backup servers running BrightStor ARCserve Backup. With no-single-point-of-failure hardware, automated management, and fast, flexible scalability, PS Series storage arrays reduce storage acquisition and management costs.



Key features include:

- From box to operating SAN in minutes
- Highly scalable, virtualized storage
- Integrated, self-managing software
- Automatic RAID configuration and management Auto-Replication and Auto-Snapshot Manager for Windows®
- Automatic data and network I/O load balancing

Traditionally, backup and restore procedures have used tape. New software and hardware technologies allow disks to be used as a backup media, improving backup performance and increasing data reliability. PS Series disk storage can be used as the backup media.

BrightStor ARCserve Backup can use both tape and disk as backup media in a variety of configurations, including:

- Local backup and recovery. The backup media is directly (locally) attached to the servers being backed up, and each server runs its own version of the backup software.
- LAN backup and recovery. A centralized backup server runs the backup software and backs up other servers (backup clients) by using software agents; data movement is done over a LAN.
- SAN backup and recovery. A centralized backup server runs the backup software and backs up other servers (backup clients) by using software agents; data movement is done over a SAN.

Although a PS Series group of arrays can play a number of roles in a LAN backup and recovery configuration, it is most likely to be used with BrightStor ARCserve Backup in a SAN backup and recovery configuration. Backing up over a SAN can improve backup performance because all data movement is through the SAN.

When used together, PS Series arrays and BrightStor ARCserve Backup provide you with the following data protection benefits:

- Simple to use - centralized, browser-based interface Instantaneous disk-based recovery
- Performance improvement with growth
- Improves data availability - all system objects can be recovered
- Automated, centralized policy management increases system administrator productivity
- Compatibility and support across Microsoft® Windows server family

BrightStor ARCserve Backup and PS Series arrays are the ideal combination for data protection regardless of the type of server environment. Together they provide a proven, innovative solution that fully integrates with Microsoft's design standards. Dell EqualLogic PS Series array is a CA smart™ certified partner, and supports CA backup and recovery for Microsoft Windows® 2003 Server environment.

#### **SIMPLIFYING NETWORKED STORAGE**

Dell™ EqualLogic™ PS Series solutions deliver the benefits of storage consolidation in an intelligent, enterprise-class storage system that is easy to install, manage and grow.

