

# Features, Descriptions & Benefits



Computer Associates™

## BrightStor™ ARCserve® Backup v9 for Windows

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BrightStor ARCserve Backup v9 for Windows delivers reliable recovery and backup for distributed environments. Centered on Microsoft Windows backup servers, this easy-to-use solution protects Microsoft Windows, Netware, Linux and UNIX servers and clients. BrightStor ARCserve Backup v9 for Windows includes built-in support for one-drive tape libraries while it maximizes performance and scalability via innovative technology, such as Tape Library, Image, Disaster Recovery, SAN, Serverless backup, NAS (NDMP), Cross Platform Management and Tape RAID options. Further, 24x7 accessibility through optional "hot" protection agents for Open Files, SQL, Oracle, SAP/R3, Informix, Advantage™ Ingres® Enterprise Relational Database, Sybase, Microsoft Exchange, and Lotus Notes.

FEATURE	DESCRIPTION	BENEFIT
<b>EASE OF USE</b>		
<b>NEW!</b> <b>Simplified Installation Process</b>	Simplifies and automates installation steps, including the ability to select multiple agents and options at one time for automated installation and registration	Lowers total cost of ownership
<b>NEW!</b> <b>Streamlined Licensing and Registration</b>	Automatically initiates an enhanced licensing program during the install process	Simplifies and quickens the licensing process
<b>Centralized, Cross-Platform Management</b>	Manages multiple BrightStor ARCserve Backup for Windows jobs, devices and databases from one, single view	Enables centralized reporting across all BrightStor ARCserve Backup for Windows platforms
<b>Advanced Tool Tips Help</b>	Provides mouse-over help information with single click access to more detailed help	Delivers immediate access to context-sensitive help information
<b>Centralized Database</b>	Stores all BrightStor ARCserve Backup for Windows information in a central repository	Allows true centralized management of BrightStor ARCserve installations
<b>Intelligent Alert Notification</b>	Offers several notification methods, including pager, Microsoft Exchange Server, print queue, Trouble-Ticket, SNMP traps, event log and network broadcast	Enables timely problem correction and the continuation of essential jobs
<b>Multiple Backup Choices</b>	Provides full, incremental and differential backup methods	Balances media usage, backup windows and administrative time against level of data protection
<b>Backup, Restore, Job Status and Device Management Wizards</b>	Provides an easy-to-use interface for backup, restore and device management	Enables novice users to easily submit backup and restore jobs, monitor job status and perform device management
<b>Calendar-Based Scheduling</b>	Offers an advanced calendar-based interface for scheduling backups and defining rotation schemes	Customizes backup strategies throughout the enterprise at the click of a mouse
<b>Context-Sensitive On-line Error Message Help</b>	Clicking on a "Warning" or an "Error Message" in the Activity Log takes the user to more detailed information	Provides immediate information on the warning or error condition, its causes and possible actions
<b>Web- Styled HTML BrightStor® ARCserve® Backup Manager (administration console)</b>	Manages and monitors multiple BrightStor ARCserve Backup for Windows servers and associated devices from a centralized web-styled management console, providing instant access to BrightStor ARCserve Backup for Windows support, certified device lists and the latest BrightStor ARCserve Backup for Windows news	Simplifies backup management by enabling remote management

**SCALABILITY**

<b>NEW!</b> <b>Backup to Disk Scalability</b>	Enables backup to another disk volume to leverage the variable performance and random access characteristics of disk technology as an intermediate step between primary disk and off-line storage	Alleviates the need for multiple tape drives, minimizes restore times and eliminates resource constraints
<b>NEW!</b> <b>Supports CDRW and DVDRW drives</b>	Supports rewritable CD and DVD media—popular archiving and distribution technologies	Expands archiving technology options
<b>NEW!</b> <b>Command Line Interface</b>	Runs common functions directly from the command line	Allows the inclusion of backup/restore functions within batch files and other automation solutions, such as Unicenter®
<b>Multiple Database Support</b>	Supports VLDB or SQL Server as database	Addresses scalability and performance requirements
<b>Library Filters</b>	Features library filters for navigation of large tape libraries	Enables simple navigation through libraries with a large number of slots
<b>Remote Management</b>	Offers management from any Windows Server or Workstation	Enables remote administration
<b>Extensive Reporting</b>	Provides data to the administrator within pre-defined reports, including: Job Report, Session Report, Session Detail Report, GFS Media Prediction Report, Tape Media Report, Device Report and a report tool	Helps administrators and IT managers make decisions and review data protection schemes
<b>Parallel Streaming</b>	Backs up and restores data simultaneously to or from up to 32 devices	Reduces backup windows by including more hardware
<b>Microsoft Tape Format Support</b>	Restores tapes created in Microsoft Tape Format	Creates an easy upgrade path from inferior backup utilities
<b>Media Spanning</b>	When data exceeds the capacity of the media, the job can be continued on subsequent media placed in the device	Ensures maximum media efficiency without complexity

<b>Intelligent Data Compression</b>	Provides end-to-end remote client to server data compression and local server data compression	Maximizes device capacity, decreases network traffic and increases backup and restore performance
<b>Remote Server Backup and Restore Support</b>	Protects data on local and remote servers	Enables large-scale implementation and the centralization of expensive backup technologies
<b>Environment Support for UNIX, Linux, and NetWare</b>	Provides "push agent" technology for multiple platforms. Agents for UNIX support: HP, Sun, IBM, SCO and Silicon Graphics. Agents for NetWare support: 4.11, 4.12, 5.x, 6.x and above. Agents for Linux Support: Red Hat, SuSE, Caldera and Turbo Linux Distributions	Protects the entire distributed server environment

<b>Staging</b>	Allows backups to take place to disk in tape format and then be backed up to a tape drive	Maximizes the effective use of network, disk and tape resources
<b>Unicenter Integration</b>	Enables auto-discovery and visualization of BrightStor ARCserve Backup for Windows servers within a Unicenter environment	Provides easy, out-of-the-box integration of the BrightStor ARCserve Backup for Windows with Unicenter
<b>Server Prioritization</b>	Provides the ability to rank the order in which data is backed up	Identifies business-critical servers and prioritizes accordingly
<b>Tape Library Option</b>	Supports a variety of tape devices allowing the administrator to use slots for specific jobs—grouped or individually	Enables data center administration and automation
<b>SAN Option</b>	Enables the sharing of tape libraries and other storage devices on a Storage Area Network (SAN) by both NetWare and Windows servers without the need to logically partition or zone the device	Reduces costs and increases manageability and reliability by allowing multiple computing environments to share storage resources on a SAN
<b>Small Library Support</b>	Supports a tape library with one drive and unlimited slots without the need for the tape library option	Reduces the cost of small library integration
<b>RELIABILITY</b>		
<b>NEW! Multiple NIC Support</b>	Provides the ability to use multiple network cards in the server and client machines to configure a dedicated backup network	Allows separate business network traffic and data protection network traffic
<b>Support for Microsoft Clusters</b>	BrightStor ARCserve Backup for Windows protects the Microsoft Cluster Environment by leveraging cluster technology to provide fail-over capabilities for the jobs left in the backup/restore queue	Delivers increased reliability and protection of storage and cluster environments on servers and applications
<b>Automated Media Management</b>	Automates media rotation, media pooling, serial numbering of media and bar code support for tape libraries	Enhances administrator productivity and reduces operator errors
<b>Integrated Virus Scanning and Cure</b>	Scans data for viruses as it is backed up. With the optional cure, the infected data can be cured	Helps protect critical data against the latest viruses
<b>Data Encryption</b>	Provides intelligent, end-to-end remote client to server data encryption, local server data encryption and data encryption on backup media	Ensures the privacy of data transmitted over the network and the security of backup media
<b>Protection for Active Directory</b>	Backs up and restores active directories	Recovers the active directory in routine protection or disaster recovery scenarios
<b>Local and Remote Windows Disaster Recovery</b>	Using the disaster recovery option during the backup process allows the server, applications and data to be recovered without reinstalling BrightStor ARCserve Backup for Windows or the OS	Provides quick and simple disaster recovery for Windows environments, saving up to two hours of recovery time per server
<b>Open File Support</b>	Allows any open file to be backed up; also offers the flexibility of selecting file-by-file as compared with pure volume	Helps ensure that files are never skipped on a backup because they may be in use

<b>Tape RAID Option</b>	Offers the ability to enhance performance and reliability by offering multiple RAID levels	Maximizes the performance and reliability of using multiple tape drives
<b>Database Agents</b>	Enhances the native backup capabilities of the database system servers to provide scheduled backup of the full or partial databases	Supports 24x7 operations by taking backups and delivering recovery while applications are active; works from the application's point of view
<b>Messaging and GroupWare Options</b>	Enhances the native backup capabilities of the messaging server to provide scheduled backup of the full or partial messaging system or user-defined, frequently scheduled backup of the transaction logs	Supports 24x7 operations by taking backups and delivering recovery while applications are active; works from the application's point of view
<b>INNOVATION</b>		
<b>NEW! NAS Option Network Data Management Protocol (NDMP) Only</b>	Backs up a NAS unit with NDMP support to a locally attached tape library	Minimizes data traffic while backing up and restoring your NAS unit.
<b>Virtual Library Support with the Tape Library Option</b>	Allows dynamic grouping of drives within a library while enabling users to make a large library act as a number of small libraries	Allows users to manage the sharing of a library
<b>Image Option (snapshot)</b>	Enables an end-to-end backup of a complete volume when it is in use and allows for complete volume and file-by-file restores	Minimizes backup window
<b>Cross-Platform Media Sharing</b>	Enables the storing of both NetWare and Windows data on the same tape media	Reduces costs and simplifies administration by sharing media

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