Features, Descriptions, Benefits

BrightStor™ ARCserve® Backup for Small Business Server

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FEATURE	DESCRIPTION	BENEFIT
Seamless Integration		
Web-styled BrightStor AB for SBS Manager (administration console)	Manages and monitors multiple BrightStor AB for SBS servers and associated devices from a centralized web-styled management console. Also provides instantaneous access to BrightStor AB for SBS support, certified device lists and the latest BrightStor AB for SBS news.	Management is simplified. Administrators can remotely manage and monitor several BrightStor AB for SBS servers and associated devices from virtually any BrightStor AB for SBS installation anywhere.
Setup Wizard	Easy to understand and use, these descriptive screens walk the user through the installation process for all components—complete or custom.	Minimal setup time is required.
Transparent integration with Microsoft SBS 2000	BrightStor ARCserve Backup—its options and all functionality—are available from the Small Business Server Management console.	Provides 100% compatibility with Microsoft's Operating system and easy access from the SBS administrator workspace to all functionality.
Advanced tool tip help	Provides a tool tip description of all the BrightStor AB for SBS components.	Easy to use. Provides easy identification of all BrightStor AB for SBS components.
Online help and guides	Full-online guides for each option in an Adobe Acrobat PDF file.	Easy online or printable reference for: BrightStor ARCserve Backup, Database agents for SQL and Microsoft Exchange, Backup Agent for Open Files, and client agents.
Auto discovery	BrightStor ARCserve Backup automatically discovers all other components on the network.	Central view of all network- backup components via the console for BrightStor ARCserve Backup.
Automated tape drive configuration	BrightStor AB for SBS will identify SCSI tape drives at the device level and automatically set configuration parameters.	Reduces time and errors resulting from manual configuration.
Remote installation	Remote, single-point installation of the options for BrightStor ARCserve Backup options and agents across the network. Easy-to-use wizard provides automated installation.	Eliminates time-consuming, local installation of BrightStor AB for SBS and its options and agents on each system.
Backup & Restore		
Calendar-based scheduling	BrightStor AB for SBS features an advanced calendar-based interface for scheduling backups and defining rotation schemes. The schedule, as well as the rotation schemes, are changed at the click of a mouse.	Backup strategy is customized throughout the enterprise.
Intelligent data compression	BrightStor AB for SBS provides intelligent, end-to-end remote client and local server-data compression. If the tape drive does not support compression or hardware compression is disabled, BrightStor ARCserve Backup compresses the data.	Increases the effective device capacity and decreases network traffic. It also increases backup and restore performance.
Quick file access	BrightStor AB for SBS maintains the location of	Substantially shortens the time required

	files on a tape in its online database, enabling fast access.	to begin restore operations after a crash.
Media spanning	BrightStor AB for SBS allows for spanning of large jobs. When the data exceeds the capacity of the media, the job can be continued on subsequent media placed in the device.	Backups are not limited to the capacity of media.
Fast backup verification	With Cyclic Redundancy Check (CRC) verification, the data's signature is compared against the original.	Fastest method of verification of data integrity.
Intelligent restore	The BrightStor ARCserve Backup standard database may be viewed in several ways: by server/file directory tree, tape directory tree or direct query. Recovery from a specific tape, without using the database, is also supported.	User can easily locate and select data for restores, including a specific version of a file for restore.
Redirected restore	Data may be restored to its original location or to a specified path.	User may restore a previous file without overwriting the current version.
Advanced filter options	Select data for backup by filename, directory, date created/accessed/modified, and file extension.	Allows a customized strategy to include or exclude specific information.
Priority assignment	Prioritize volumes, drives or shares within a system. Highest priority data is backed up first.	Ensure that critical data is backed up first.
Data integrity	Microsoft Small Business Server 2000 provides additional file streams such as object IDs and reparse points. These additional file streams provide transparency in data movement across file volumes. Since object IDs are used to reference the files, it is critical to protect this information as well as data stored in the files.	BrightStor AB for SBS performs a complete backup and a seamless restore. Complete data integrity is maintained. All file references are restored as it existed at the last backup.
Complete protection for entire file volumes	Microsoft Small Business Server 2000 features volume mount points that allow transparent transitions between file volumes. This feature allows sharing data between file volumes and saves space. Storage solutions need to protect these links to maintain integrity.	The links associated with each of the files are backed up and restored with the file. This ensures maximum data integrity and complete protection for the environment.
Maintaining integrity of the registry	The "File Not To Back Up" entry in the Windows Registry provides the capability not select certain files to be backed up. BrightStor AB for SBS skips the files that are included under this registry entry. In addition, the registry is completely backed up.	Enables backup to proceed more efficiently by avoiding backing up unnecessary files. In addition, this complete registry protection enables seamless restore to the system state of the last backup.
Enhanced Performance	BrightStor AB for SBS leverages the Microsoft Small Business Server 2000 offline files feature to determine the different backup levels required across files.	Provides the capability for ease of flow in data migration.
Application Backup		
Backup for Exchange Server	BrightStor ARCserve Backup and BrightStor AB for SBS combine to provide secure, automated, online backup/restore for critical messaging systems. This includes Full backup, Copy backup, Incremental and Differential backup of Exchange data, including information and directory stores, and .LOG files.	Hot, online backup/restore of Microsoft Exchange with confidence.

Backup Agent for Microsoft Exchange Server - individual mailbox backup/restore	Extends protection of Microsoft Exchange installations to individual mailboxes. Provides full control to backup administrators needing to protect and quickly restore critical mailboxes.	Provides administrators with the ability to back up and restore individual, critical Microsoft Exchange mailboxes.
Backup for SQL server	Back up and restore complete databases while online.	Databases do not have to be shut down in order to achieve full backup for an instance in time.
Backup Agent for Microsoft Exchange Server - complete protection to all message attributes	Extends protection of Microsoft Exchange installations to individual mailboxes. This includes protection to the message text, font size, text color, and attachments.	Provides administrators with the ability to backup and restore individual, critical Microsoft Exchange mailboxes and restore messages to the same view before backup.
Database consistency check in MS SQL Backup Agent	BrightStor AB for SBS SQL Backup Agent checks the physical and logical consistency of the database before and after backup.	Ensures the integrity of the SQL Server database.
Open file support	Patented, open-file technology allows any open file to be backed up. Also allows the flexibility of selecting file-by-file as opposed to pure volume, which incurs processing overhead.	Helps ensure that files are never skipped on a backup because they may be in use.
Client agent for Windows 95/98/ME	Provides 'push agent' technology for remote Windows 95/98/ME workstations.	BrightStor ARCserve Backup efficiently backs up and restores complete system information for Windows 95/98/ME clients.
Client agent for Windows NT/2000	Provides 'push agent' technology for remote Windows NT/2000 Workstations. 'Push agent' technology allows the remote clients to filter and package the data before sending it back to BrightStor ARCserve Backup, improving throughput and reducing traffic and server CPU cycle.	Provides very high performance backup of remote Windows NT/2000 workstations.
Manageability		
Device management wizards	Wizards allow for novice users/administrators easily submitting backup and restoring jobs, monitoring job status and performing device management. If user accepts BrightStor ARCserve Backup default settings, it provides "one click backup" of entire server.	Provides a quick and easy-to-use interface for backup, restore, and device management.
Remote management	Allows administration of ARCserve servers from remote or mobile locations using Remote Access Service (RAS). Allows any BrightStor ARCserve Backup to be remotely managed from any Windows NT/2000 Server/Workstation.	Manage BrightStor ARCserve Backup functions from any location.
Alert: Intelligent notification	Event- and job-based messages can be sent to different targets. Notification methods include pager, Microsoft Exchange Server, print queue, Trouble-Ticket, SNMP traps, event log, or network broadcast.	Flexible and intelligent notification for problem resolution and continuation of essential jobs.
Activity logs	BrightStor ARCserve Backup's activity log, which has an Event Log look and feel, provides information, warnings, and error conditions on	Comprehensive status of all operations and job activity.

	each operation. Error conditions can also be posted to the Small Business Server's Event Viewer. One-line descriptions are easily identified as Information (blue dot), Warning (yellow), or Error (red). Clicking on an error or warning message takes the administrator into a special, on-line trouble-shooting database. Based on user-defined criteria, such as file size or time range, the activity log is automatically pruned.	
Command line utilities	ARCBatch utility provides a command- line job scheduling utility. Job scripts can be created for backup, restore, copy, count, and delete.	Enables development of customized scripts and integration with third-party solutions.
Extensive reporting	Pre-defined reports provide data to the administrator. Reports include: Job Report, Session Report, Session Detail Report, GFS Media Prediction Report, Tape Media Report, Device Report, and a report tool.	Information reporting helps administrators make decisions and IT Managers to review status.
Context-sensitive online error-message help	Clicking on a "Warning" or an "Error Message" in the Activity Log takes the user into a special Help database.	Provides immediate information on warning or error conditions, its causes and possible actions.
Media pooling	The media in the pool are divided into two sets—Save Set and Scratch Set. Media moves from scratch set to rotation, rotation to save set, and save set to scratch set based on retention periods	Simplifies management of media, and provides overwrite protection and efficient recycling of media.
Dynamic memory caching	Dynamically scales performance with the available memory space.	Scalable performance with additional memory.
Protection for active directory	Active directory enables administrators to delegate a selected set of administrative privileges to appropriate individuals within the organization, distributing management, and improving security. Delegation also helps organizations reduce the number of domains necessary to support a large organization with multiple geographical locations.	BrightStor AB for SBS protects the administrative data for routine protection or disaster recovery scenarios.
Extensive device support	Provides support for 4mm (DAT), 8mm, DLT, AIT, Travan, QIC, tape libraries. Also supports SCSI & IDE Devices, and provides free support for Libraries with one drive and unlimited slots.	Extends flexibility of backup destination from standard tape devices to low-end removable drives, optical drives and Libraries.
Security		
Data security	Microsoft Small Business Server 2000 features an Encrypting File System. All the files stored in the disk are encrypted. BrightStor AB for SBS also has the ability to encrypt individual files or directories and not all files on the disk.	Enables backup and restore of encrypted files that can be easily used with the encryption key.
Copy/compare utility	This utility allows tape-to-tape copy and tape session copy/compare operations. MTF tapes can be converted to BrightStor ARCserve Backup UTF format through the Tape Copy	Enables tapes to be duplicated so that a copy can be taken off-site for disaster protection.

	command-line utility.	
Integrated virus scanning and cure	Scans the data for viruses as it is backed up. With the optional cure, the infected data is cured. In addition, the virus scan engine dynamically updates the virus signatures to protect data against the latest viruses.	Assures protection of critical data from the latest viruses
Verification	BrightStor AB for SBS provides three methods of verification: Tape scanning, CRC and byte-for-byte comparison. Scan tape checks the header of each file on the backup tape to ensure readability. This is a fast, reliable verification method. With Cyclic Redundancy Check (CRC) verification, the data's signature is compared against the original. This is the fastest verification method. By comparing tape to disk, BrightStor ARCserve Backup makes a byte-by-byte comparison of the source files on the source machine with the data on tape. This is the slowest verification method and the most reliable.	Ensures integrity of data after it has been placed on the tape. Flexibility in verification methods allows for checking data integrity based on needs.

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