What's new in Version 4?

For the end-users: secure, easy to understand, easy to follow, and excellent value

New reporting system – easy to understand…

- Our enhanced HTML reports make it easier to read the results of each backup
- Any unexpected errors and conditions are displayed at the top, each with its own "troubleshooting" link that helps in the diagnosis and fixing of errors.
- New media usage summaries clearly show how much data is backed up, and gives advanced notice of when the user will run out of space as their data grows. Prevent "out of space" errors before they occur.

Extensive hardware support

- BackupAssist includes in-built support for the latest types of backup hardware, including USB Hard Drive, Tandberg Quikstor, BluRay Drives, Iomega REV, and a variety of the latest NAS devices. Along with hardware support comes a new range of strategies to maximize the usage of the new hardware.
- This gives the users more choice to select the best hardware solution for their individual circumstance – giving the most secure, efficient and cost-effective overall solution.

Enhanced media rotation – for a secure backup strategy

- BackupAssist can track the user's effectiveness at changing tapes / disks, and send warnings if it's not done!
- The user can configure what to do if the wrong tape / disk is inserted: backup anyway and display a warning, or not to backup.
- New variety of media rotation schemes that are more flexible and tailored to clients' individual circumstances – gives the best possible protection for the hardware available.

Automatic facilities to speed up restores

- Users now have the option to keep a "local" copy of their backups – on a spare hard drive – so that you can restore data without having to go to your tapes / removable hard drives. This gives you the best of both worlds:

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The World's
Number 1
Choice in Backup Software
for Small and Medium Business

Local backups – stored on local hard drives	Traditional backups – with media rotation, and offsite storage
• Fast restore • Keep the last N days' backups	• Rotate your tapes/disks to give you a variety of backups • Store selected tapes/disks offsite for protection against onsite disasters (fire, flood, theft)

Easier to achieve 2nd level offsite backup of critical data

- Inbuilt support for the major FTP servers (FTP, FTPS, and SFTP) makes it easy to set up a 2nd job to backup the most critical data, and automatically transfer it offsite.
- Inbuilt support for NAS (including authentication for non Domain-aware NAS) enables fully automated backups, with offsite capabilities (when connecting to a NAS over a WAN / VPN)

Continuous protection for SQL Databases

- Our new SQL Engine can backup incrementally every 15 minutes, guaranteeing that for critical systems (such as CRM databases), users will never lose more than 15 minutes worth of work.
- Our new SQL Restore Wizard makes it easy to restore entire SQL Servers to a particular point in time – in just 3 simple steps. You can even migrate a complete SQL Server from one server to another in just minutes – great for "cold standby" server protection.

Mailbox exporting for superior email protection

- Backup individual mail items to PST file, which can then be burnt to DVD for permanent recordkeeping.
- Set up Journaling in Exchange Server to capture and export every single incoming and outgoing email – especially for compliance purposes.

Enhanced scheduling facilities

- Ability to customize when your weekly & monthly backups occur. For example, you can customize your monthly backup to be "the last weekday of the month", or "the first Monday of the month" to comply with specific archiving requirements.
- Easily customize your media labels. For example with USB Hard Drive – you can change the default drive names of "Drive 1", "Drive 2" and "Drive 3" to "Orange", "Purple" and "Yellow".
- Automatic queuing of backup jobs that may potentially conflict with each other

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For the System Administrator: simple, straightforward and "just works"

Ease of management & troubleshooting

- New user interface makes it easier than ever to administer BackupAssist
- Automatic troubleshooting in the BackupAssist reports will slash the time to diagnose errors. Each error in the report has a direct link to the BackupAssist Knowledge Base website, with clear explanations of the causes, diagnosis and resolution.
- Real-time monitoring of backup progress – so you can see current activities, which is especially useful via Terminal Services.

Ensure that your clients are backing up properly

- Clear messages in the reports if the user isn't swapping tapes or disks according to plan
- Media usage report enables you to see how much of your backup tapes / disks are being used, and when you might need to upgrade to cater for increases in data
- If the media is more than 90% full, a warning message will appear in the report, allowing you to take action.
- For USB Hard Drives, if the user plugs the hard drive into a different port and the drive is assigned a different letter, BackupAssist will automatically remap it to its proper drive letter so that the backup can proceed normally.

Increased compatibility, less trouble to install

- BackupAssist runs under the .NET infrastructure, with support for 64 bit operating systems.
- Inbuilt support for hardware (USB device detection and removal, device eject, FTP support) means that 3rd party tools like Devcon, WinEject, USBEject and NcFTP are no longer necessary.
- Automatic backup management means less work for system administrators. For example, our new feature to fit as many backups as possible onto each USB hard drive or removable disk will automatically delete old backups as required. The system administrator does not need to manually estimate how many backups will fit onto the disk, or calculate disk usage. It's all automatic!
- Improved support for network authentication – extra usernames and passwords for non-domain devices (eg. NAS) are stored in a global list, and used "on demand", so additional configuration is not required.

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- Backup multiple Exchange Servers or multiple SQL Servers within the same individual job.
- When backing up Exchange Server remotely, BackupAssist will automatically copy the required DLLs from your server and set the required registry keys – no further action required.
- Our new SQL Backup engine no longer requires the prerequisites of the SQL Server Client tools
- When backing up remote SQL Servers to a local directory, it is automatically shared across the network, resulting in seamless backups.

Share multiple backup devices across multiple servers

- Disk based removable devices like USB Hard Drives, REV drives, Tandberg drives can be connected to a remote computer and shared via the network. This allows multiple BackupAssist installations to use the same hardware.
- The same NAS device can be used from multiple BackupAssist installations.
- New backup management features allow you to "share" the space on common hardware. For example, if you are sharing a 500 gig NAS, you can choose to store "200 gig" of backups for backups from Server 1, "200 gig" of backups from Server 2 and "100 gig" of backups from Server 3. BackupAssist automatically ensures that this system is enforced.
- Similar setups can be achieved using the disk based removable devices. This means that only one central device needs to be swapped for all your servers' backups.

Overcome limitations and annoyances in Windows

- USB Hard Drive eject eliminates problems with the SBS Performance Monitoring Logs displaying error messages on "phantom" hard drives
- When USB Hard drives get plugged into different ports, they get assigned a different drive letter, which stops the backup from working. BackupAssist overcomes this by detecting the drive and remapping it to its proper drive letter before starting the backup.
- Our Knowledge base website includes extensive support resources for NTBackup errors and Exmerge errors, making it far easier to understand, diagnose and fix problems.
- Automatically schedule NTBackup without batch files, worrying about RSM problems, complicated media rotation scripts, etc.
- BackupAssist comes with a rich array of backup rotation schemes and management features that are simply not present in the SBS Backup Wizard. For example, a USB hard drive scheme with 3 daily and 2 weekly drives.
- Inbuilt CD/DVD and BluRay burning with no additional software

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