

# BackupAssist v5 Data Sheet

## Supported backup methods

### Drive Imaging

*Windows 2008 and Vista\**

Backup volumes, System State and VSS aware apps for fast disaster recovery. Hardware independent restore (HIR) is easy using a WinRE boot disk. BackupAssist provides extended hardware support, media rotation, monitoring and reporting for a complete solution.

### NTBackup

*Windows 2000, XP, 2003*

Backup files, System State and Exchange Servers using the native Windows Backup program. BackupAssist provides hardware support, media rotation, monitoring and reporting for a complete, robust and straightforward backup solution.

### File Replication

*Windows XP, 2003, Vista, 2008*

Backup files by replicating (exact copy) them to the backup device. With VSS integration, Single Instance Store and automatic fast differential backups, this is ideal for data archival backups with file versioning. Superb for backing up Hyper-V guests, or large data sets.

### SQL Server

*SQL 2000, 2005, 2008*

Perform daily or near-continuous backups of SQL Server. Disaster recovery is made easy with BackupAssist's restore wizard – either restore individual databases or a complete server to any given point in time.

### Exchange Mailbox

*Exchange 2000, 2003, 2007*

Export users' mailboxes to individual PST files, providing additional data protection and making individual mailbox or item recovery easy. Also useful for long-term data archiving when PST files are burned to DVD/Blu-ray disc.

### Internet Backup

*Windows 2003, Vista, 2008*

Effectively backup files via the Internet to any Rsync server using bandwidth efficient block-level delta Internet backup methods. With VSS integration and backup history, this is ideal for fully automated offsite backups.

\*Vista Business or better; References to Windows 200x include all variants, such as Windows Server (Standard/Enterprise) and Small/Essential Business Server.

## Supported backup devices

### Removable Hard Disk

**Examples:** USB / eSata / 1394 / High-Rely

**Methods:** Drive Imaging, NTBackup, File Replication

**Capacities:** Up to 1.5TB

**Notes:** large capacities, low cost, and fast speeds make disk appealing. Random access allows for new backup technologies like incremental imaging and file replication to extend history and reduce backup time.

### Disk Cartridge

**Examples:** Dell & Tandberg rdx drives; Iomega REV

**Methods:** Drive Imaging, NTBackup, File Replication

**Capacities:** Up to 400GB

**Notes:** all the benefits of disk based backup with greater portability. Ruggedized 2.5" hard drives (rdx) or proprietary drives (REV) that can withstand being dropped from 1 meter and retain data for 30 years. Popular alternative to tape.

### Tape Drive

**Examples:** LTO, AIT

**Methods:** NTBackup

**Capacities:** Up to 400GB (native)

**Notes:** proven backup technology and popular for portability and robustness. Especially good for long term data archival backups, but its sequential nature limits its future potential in supporting the latest backup technologies. Note: support for tape on Server 2008 is in development.

### Local Hard Disk

**Methods:** Drive Imaging, NTBackup, File Replication, SQL & Exchange Mailbox

**Capacities:** Up to 1.5TB

**Notes:** as for removable hard drives, but without portability. Suitable for Disk-Disk-X strategies, and restoring data without going to offsite media.

### NAS

**Examples:** network shares, Buffalo, Drobo, QNAP, NetApp

**Methods:** Drive Imaging, NTBackup, File Replication

**Notes:** inexpensive and becoming increasingly popular, especially for backing up multiple computers to a central location, or for fully automated backups.

### Blu-ray / DVD

**Methods:** NTBackup

**Capacities:** Up to 25GB (single-layer Blu-ray)

**Notes:** ideal for long-term data archiving of smaller data sets.