Windows Drive Imaging Engine
Windows Vista, Windows 7 and Server 2008 and 2008R2

🗔 Fast disaster recovery   🕐 Scheduled and monitored

Technical capabilities of the Microsoft Block Level Backup Engine

Simple OS recovery from bare metal

Using a boot disc, launch the Windows Recovery Environment (WinRE). Start the restore and the rest is automatic.

Fast incremental images

Enables frequent images to reduce the window of potential data loss. Past versions of files are stored as shadow copies.

Automatic disk management

Space occupied by old backups is automatically reused as the disk fills up.

VSS aware for "hot backups"

Achieve data-consistent backups of applications (Exchange, SQL, etc) and files with zero downtime.

Management capabilities provided by BackupAssist

1. Advanced scheduling
With a simple point-and-click interface

The BackupAssist scheduler allows for Monthly, Weekly, Daily, and intra-day backups so you can choose how often you want to create an image backup.

Select scheme	
Daily rotating	Daily (N) 🗘
Organizations who require daily images	Daily 1 ... Daily N
Daily + Weekly Rotating	Weekly (O) 🗘
Organizations who need backups that go back a number of weeks	Weekly 1, Weekly 2 ... Weekly O

- Full backup each day
- Full backup once per week
- 🗘 Stored onsite
- 🗘 Stored offsite, brought onsite a

2. Built-in rotation schemes
Out of the box strategies

With strategies for rotating media onsite and offsite and clear user instructions emailed to the backup operator, it's hard to go wrong!

3. Multiple backup jobs
Overcome backup size problems

On larger systems where it is impractical to perform daily full image backups, you can create multiple jobs to different hardware. For example:

Weekly Job

1TB - Weekly
Backup entire system to mass storage

Daily Job

160GB - Daily
Backup data volumes to rotating 2.5" USB drives

4. Comprehensive reporting
Beyond a simple "Success" or "Fail"

HTML reports show you vital statistics, the cause of any failures, and even any human errors in the media rotation.

"Quikstor" Report

Date: Friday, August 08, 2008 11:47:28 AM

✔ "Quikstor" Successful

☆ Errors / Warnings Summary

Process	Error / Warning
ⓘ Destination Check	BA228 A new Quikstor cartridge is inserted

5. Monitoring integration
Notify your management systems

Events are logged in the Windows Event Log for success, warning or failure, for easy integration with monitoring systems.

Level	Date and Time	Source
ⓘ Information	8/8/2008 12:36:04 PM	VSS
ⓘ Information	8/8/2008 12:30:42 PM	BackupAssist

Event 5633, BackupAssist

General | Details

Backup job rdx Quikstor completed successfully.

Destination: Tandberg rdx QuikStor drive
Start time: 8/8/2008 12:28:33 PM
End time: 8/8/2008 12:58:35 PM

6. Simple restore process
Using the BackupAssist Restore Console

Browse or search for particular files across all your image backups.

7. Hardware integration
Supporting devices that Windows won't

With BackupAssist's full support for many devices, even those without native Windows support, integration problems are a thing of the past.

✔ USB / 1394 HDD   ✔ NAS
✔ RDX & REV Drives.

8. Scripting
For advanced requirements

Run scripts before and after the backup, with conditional execution depending on backup success or failure. You can even prevent the backup from starting if preconditions are not met.

9. Complete data protection
A flexible solution to suit all needs

Use BackupAssist to create image backups of individual VSS applications (Exchange, SQL, SharePoint) or the System State*. And combine Drive Imaging with File Replication & Internet backups for complete data protection.

*Server 2008 R2 only (excludes REV/rdx drive backups)