The File Replication Engine
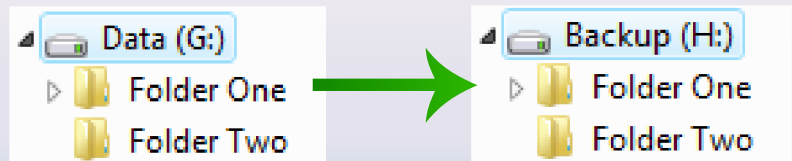
Mirror and backup

Scheduled and monitored

✅ **Single Instance Store**
saves space, extends backup history

✅ **Exact copies of files**
all attributes preserved

✅ **System State backup and restore**
restore system settings in the event of disaster

✅ **Fully VSS compliant**
back up open files and applications (Exchange, SQL, etc)

✅ **Your choice of media rotation**
for multiple, redundant backups

✅ **Easy file and application restore**
using the BackupAssist Restore Console

Mode 1: simple data mirror

Create an exact replica of your selected files and folders to a backup device.

Data (G:)
▷ Folder One
Folder Two
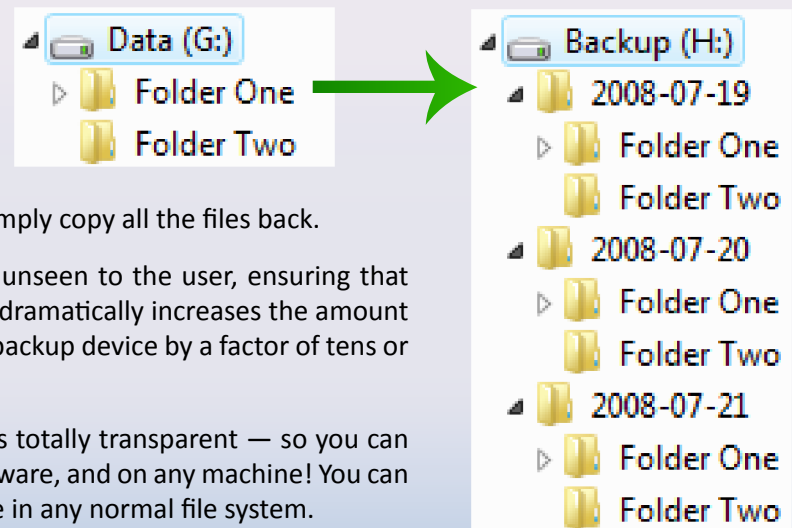
→

Backup (H:)
▷ Folder One
Folder Two

Mode 2: backup with history

Create a series of mirrors on your backup device, one for each day.

Each day's backup looks exactly like a self-contained mirror of your data. To restore, simply copy all the files back.

BackupAssist's Single Instance Store is working unseen to the user, ensuring that only one unique copy of each file is stored. This dramatically increases the amount of backup history that can be stored on a single backup device by a factor of tens or hundreds!

The best thing is that the single instance store is totally transparent — so you can copy your files back without any proprietary software, and on any machine! You can also search for files within your backups, just like in any normal file system.

Data (G:)
▷ Folder One
Folder Two

→

Backup (H:)
▲ 2008-07-19
  ▷ Folder One
  Folder Two
▲ 2008-07-20
  ▷ Folder One
  Folder Two
▲ 2008-07-21
  ▷ Folder One
  Folder Two

Combine with Media Rotation for multiple, redundant backups

The standard practice of swapping backup devices is great for taking backups offsite, and insuring against damage to a backup device.

Combine Single Instance Store with media rotation for a rich backup history and achieve enhanced data protection. BackupAssist's range of best-practice built-in schemes make this as simple as clicking a button!

Example rotation strategy - 4 USB HDDs

Daily 1
Mon & Wed

Daily 2
Tue & Thu

Weekly 1
Alt. Fridays

Weekly 2
Alt. Fridays

Fully Automated
Scheduling & monitoring built-in

Your backup jobs are automatically scheduled and monitored with BackupAssist's one-click scheduler and informative HTML reports.

VSS Support
Open files and VSS apps (Exchange, SQL, SharePoint)

Choose VSS applications to back up from a list of locally detected applications. A VSS snapshot before the backup makes sure that open files are copied in a consistent state.

Exact File Copy
Retain NTFS attributes and dates

All file attributes and dates are preserved. This means more accurate backups than even the built-in "copy" command in Windows!

Hardware Support

✅ USB / 1394 HDD

✅ RDX Drives

✅ NAS

✅ REV

✅ Local directory.