Tape Drive Backups Made Easy

This guide explains how BackupAssist makes Tape Drive backups easy. Thanks to some clever design features and an intuitive user interface, users and system administrators alike can enjoy a powerful and yet simple backup system.

For the user

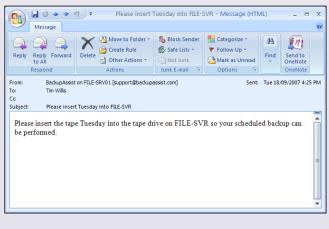
Backup schemes

Built-in backup schemes with different levels of media rotation give you a secure protection strategy "out of the box", with backup history and optional archiving

Select scheme	.	Time to perform l	backup: 12:00:00	AM 🚖			
Basic Small organizations with basic requirements	Â	Backups scheduled between midnight and 6am will run on the morning following the scheduled day (eg Mondays backup will run on Tuesday morning)					
Intermediate							
Schools, universities and other organizations who need basic archiving		Daily (4) 🔇 Daily (4) 🗐 Duesday Duesday	Weekly (4) Week 2 Week 3	Monthly (2) Month 2 Month 3	Quarterly (3) 2 2 2 2 2 2 2 2 2 2 2 2 2		
Professional	=	📁 Thursday	📁 Week 4	Yearly (1) 🔉	📁 Quarter 4		
Professional organizations who require at least one archive		Priday	💋 Week 5	P Year			
		Full backup each day					
Grandfather-father-son		Full backup on	ice per week				

Clear instructions

Clear instructions are emailed to the backup operator whenever action is required (eg. change of media)



Media usage reports

Media usage reports clearly indicate how much tape space has been used by backups; this means that you can plan ahead and upgrade the capacity of your backup system to accommodate future increases in data.

Data usage for Tape Drive - Qua	ntum DLT-V4	Tape Drive/DLT			
Other Data	ckup Data		Free Space		
0 bytes	99.6GB		50.4GB		
				Total Capac	ity 150GB‡
Data Used 99.6GB (66.4%)					
0%	20%	40%	60%	80%	100%
Data Backed Up / Size on Mediun	n	140GB / 99.60	∋B€		
Compression Ratio		1.4 : 1			
Free Space (uncompressed)		50.4GB			
Free Space (compressed)		70.8GB*			

For the system administrator

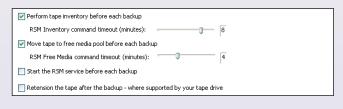
Quick setup

Easily choose your tape drive, and fine-tune your settings. For systems with multiple tape drives, you can setup different jobs to use different tape drives.

Tł	e destination fo		Select new destination		
۲	Tape Drive Opt	ions			0
	Device name:	HP DAT72	v	Detect	
	Media pool:	4mm DDS			
		are Compression - where supported by your tape drive media after backup			

Unique tape handling methods

Automatically overcome most of the problems with RSM, with options to fine-tune operations for different brands of tape drives. Our unique tape handling algorithms try up to 5 different methods to access your drive, meaning that BackupAssist will often work when Windows Backup does not.



Media tracking

Use media tracking to ensure that your client is rotating tapes according to the selected rotation strategy.

✓ Let BackupAssist keep track of your media		
BackupAssist will check the media before eac	h backup and take the following action:	
If the wrong media is inserted:	Backup anyway and warn user	•
If new or unrecognized media is inserted:	Backup and warn user	-

Customized scheduling

Built-in backup schedules can be customized to your specific requirements including differential, incremental, copy and append backups.

Quarter	Full	~	Overwrite	~	🖌 Swap before backup	Eject after backup
Month	Full	~	Overwrite	~	Swap before backup	🗹 Eject after backup
Week 2	Full	~	Overwrite	~	Swap before backup	🗹 Eject after backup
Week 3	Full	~	Overwrite	~	🖌 Swap before backup	🗹 Eject after backup
Week 4	Full	~	Overwrite	~	Swap before backup	🗹 Eject after backup
Week 5	Full	~	Overwrite	~	Swap before backup	🗹 Eject after backup
Tuesday	Full	~	Overwrite	~	🖌 Swap before backup	🗹 Eject after backup
Wednesday	Full Differential Incremental		Overwrite	~	Swap before backup	🗹 Eject after backup
Thursday	Daily Copy		Overwrite	~	🔽 Swap before backup	🗹 Eject after backup
Friday	Full	~	Overwrite	~	🖌 Swap before backup	🗹 Eject after backup







Additional Facts About Tape Drives

Advantages

- Proven technology
- Large storage capacities
- 🕗 Robust
- Tapes can be stored offsite
- Media rotation for archiving and backup history
- Fast streaming speeds

About BackupAssist

The premier backup solution for small and medium businesses built around 4 key principles:

1. Simplicity, simplicity, simplicity

- Makes your backups work like clockwork: set and forget
- The right feature set for small and medium businesses
- None of the unnecessary frills that complicate other solutions

2. Makes system administrators' lives easy

- Intuitive interface, minimal administration frees up your time
- Setup and configure in 7 minutes; no certification required!

3. Makes users' lives easy

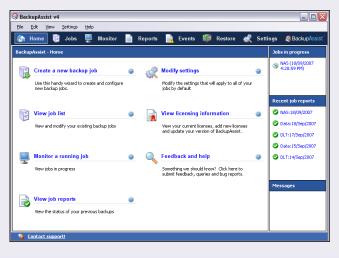
- Easy to read reports; identify problems before they occur
- Emails simple instructions when required so you can't go wrong

4. Uses existing backup technologies

- Well proven methods for backup / restore; restore from any Windows machine
- Delivers cost benefits by not reinventing the wheel
- Solutions for Server & Workstation backups, Active Directory, Exchange Server, SQL Server, Local and Remote/Internet based backup, and more

Disadvantages

- Many tape drives require maintenance / cleaning
- High-end drives can be expensive
- Restore requires appropriate drive to read the tape



With thousands of sales in over 70 countries, BackupAssist is fast becoming the backup software package of choice for businesses, schools and charities.

Jobs in progress	BackupAssist - Monitor			
NAS (18/09/2007 4:28:59 PM)	Recent jobs monitor View running, or recently completed jobs			0
Recent jobs	S NAS (18/09/2007 4:28:59 PM) Ø Make network connections Ø Selections Check	Drive: Status:	Temp Backing up files from	your computer
 4:03:23 PM) Data (18/Sep/2007 1:00:04 AM) 	Checking destination Preparing for file backup Phase One Backup	Progress: Time:	Elapsed: 5 min., 23 sec.	Estimated remaining: 35 min., 14 sec.
 DLT (17/Sep/2007 7:30:05 PM) Data (15/Sep/2007 1:00:04 AM) 	Phase Two Backup Complie media usage report Close network connections	Processing: Files:	\\snap\Temp\705 Processed	25.131151.700-FULL.bak Estimated: 2,296
 DLT (14/Sep/2007 7:30:03 PM) Data (14/Sep/2007 1:00:05 AM) 		Bytes: MB/Sec:	689,328,898 2.13	4,581,162,158

Download your free trial today from our website:

www.BackupAssist.com