

Comparison - Choosing the Right Backup Solution

	Tape	Media Vault HD	On-Line
Data Capacity	<500GB (typical)	500 GB	Unlimited*
Data Portability	Limited	Yes	Limited
Fully Automated	No	Yes	Yes
Backup Software	Device Specific	Any	Restricted
Expandability	No	Yes	Yes
Routine Maint Req'd	Yes (Cleaning)	No	No
Fire Protection	None	UL72 Class 125 1 hr	Yes
Ongoing Cost	Maint/Cleaning/Replacement	None	Monthly Fees
Water Protection	No	Water Resist	Yes
Access to Stored Data	Slow	Fast (few secs)	Slow (1-5 MB/sec typical)
Theft Deterrent	Encryption / None	Encryption / Lock & Weight (65lb)	Encryption / Data Center Policies
Weight	<1lb	60 lbs	N/A
Price (MSRP)	\$1000-3000 (approx)	\$1600 (approx)	\$70-300 / mo (approx)
Warranty	3 yr	3 yr	N/A
OS Compatibility	All	All	All
Backup Software	Included	Included**	Included
Perform Local Backups	Yes	Yes	No
Interface Type	IDE/SATA/SCSI	USB 2.0	Internet

Tape Backups - Key Negatives

Tape backups require maintenance (periodic cleaning) - inherently unreliable due to human intervention - **MVHD is fully automated**
 Tapes are inherently slow due to the linear nature of storing data on tape - **MVHD data retrieval from disk is much faster than tape**
 Tapes must be transported to a location capable of providing protection from fire and theft - **MVHD's drives do not require relocation.**
 The most important feature of a backup system is it's reliability

On-line Backups - Key Negatives

On-line backups require sending data to 3rd party - cannot be absolutely certain of security
 On-line backups are slow - speed determined by speed of internet connection - fast retrieval (post disaster recovery) is a problem
 On-line backups often require monthly fee, particularly for larger amounts of data (more than 20-50 GB)
 On-line backups do not support disk imaging (backup of entire PC including operating system)



* Large qty's of data stored online can be costly and extremely slow to recover

** Included software is compatible with Microsoft Windows only