

8 Reasons Why Switching To Virtual Tape Is Worth Your Time



#1 SIMPLICITY

- Compared to tape, using virtual tape is simple to manage
- The easy-to-use interface saves time
- Has familiar backup commands you already use
- Works with BRMS and Robot Save to further automate backup operations
- Frees up IT hours for other tasks and responsibilities
- Eliminates repetitive, time-intensive tasks involved in managing physical tapes
- Automated processes reduce risks inherent in using tape, from human error, loss or theft of tapes, to tape or tape drive failure
- Easy implementation – immediate return on investment, begin using day one



#2 REMOTE MANAGEMENT

- Manage backups from any chair anywhere
- No longer need to be on-site with your servers
- More efficient access to data
- Virtual tape supports digital workplace initiatives. With so many working remotely, managing backups without having to be onsite is a definite bonus



#3 ENCRYPTION

- Encryption is built-in
- Ensures data is secure in transit and at rest
- Helps defend against cyberattacks and data breaches, including malware and ransomware
- Protects data stored on premises and in the cloud, and when data is being digitally transferred
- Protects sensitive data and prevents unauthorized individuals from being able to read it
- Once data is encrypted, and the encryption key secured, the data content becomes useless to cybercriminals

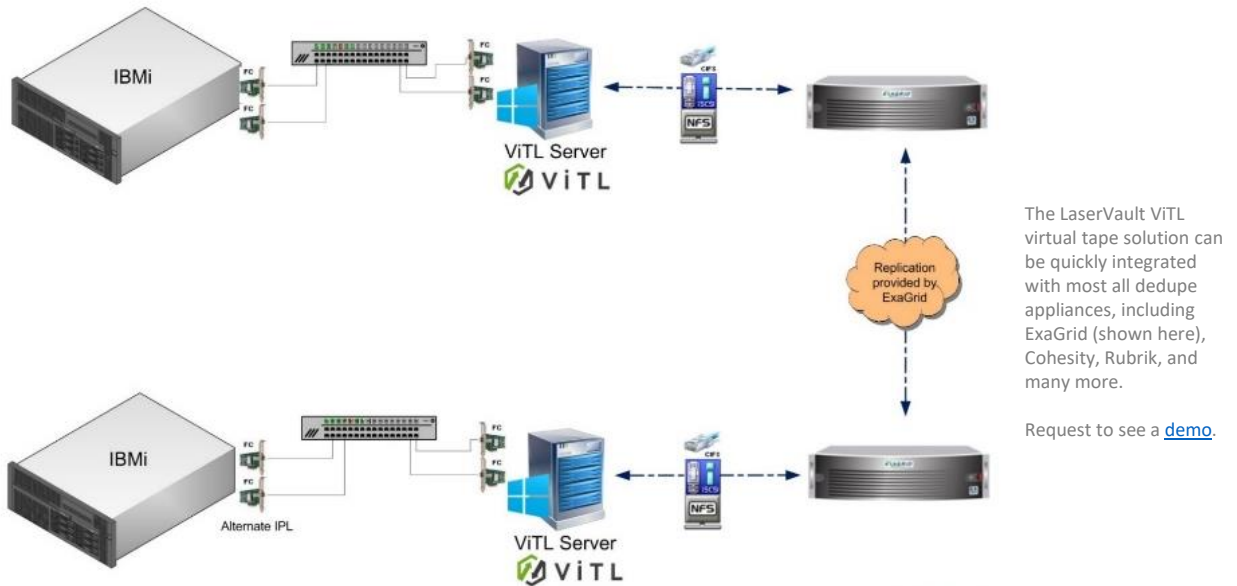
#4 COMPRESSION

- Makes the most of your available storage
- Helps cut costs by maximizing storage space
- Faster file transfers reduce transmission time
- Compressed files require significantly less storage capacity than uncompressed files, meaning a significant decrease in expenses for storage



#5 DEDUPLICATION

- Eliminates excessive copies of the same stored data
- Decreases storage capacity requirements
- Lowers costs for storing your data
- Reduces how much bandwidth is used on transferring data to/from remote storage locations
- Enables backups from your IBM i to your deduplication appliance, or use built-in deduplication feature



#6 REPLICATION

- Seamless replication makes it easy to ensure multiple copies of your data are available and accessible
- Replicate data to another location or the cloud
- Quickly shores up disaster recovery protection
- With data safely maintained at more than one location, the possibility of business interruption due to a cyberattack is greatly reduced



#7 FLEXIBILITY

- Easily backup to NAS, SAN, dedupe appliances and/or the cloud
- Have multiple copies of data in multiple locations
- Achieve 3-2-1 backup standard recommended by experts:
 - at least 3 copies of the data
 - on at least 2 different media technologies (i.e.,: one on HDD, one on tape)
 - and at least 1 copy that is offline and offsite
- Unlimited files size acceptable; fully scalable
- Customizable system configurations meet unique business needs and budgets

#8 RECOVERY



- Data is always on-line and accessible
- Data is instantly available to restore
- Save critical time because you don't have to go anywhere to retrieve your data
- No logistical delays caused by off-site tape retrieval
- Dramatically improves ability to avoid business disruption in cases of ransomware or disaster



Is virtual tape right for your organization?

Most IBM i shops can reap major benefits by incorporating virtual tape or a virtual tape library into their backup and recovery operations.

Right from the start, virtual tape brings automation, and automation results in fewer data risks and multiple opportunities for saving time and money, plus immediately freeing up IT personnel hours.

Virtual tape solutions are customizable, suitable for most all company sizes, from the SMB to enterprise-level.

Virtual tape can be used in place of, or in addition to, using physical tape, strengthening overall data protection while meeting whatever compliance stipulations your business or auditor requires.



Read more about virtual tape solutions at laservault.com or by visiting the [IBM Global Solutions Directory](#)

