

SCHEDULED BACKUPS

ByteVault has a robust scheduler to make sure your backups happen on time with no intervention.

FEATURE RICH

Most backup software packages charge you an additional fee for add-on services. ByteVault can backup Microsoft Exchange, SQL server, Active Directory, System State and Open files natively. No add-ons required.

OFFSITE AND SECURE

One of the most important steps in any disaster or incident recovery system is having your data offsite. With ByteVault this happens automatically. During a backup, data is immediately sent to our Data Center for storage.

Before sending the data, ByteVault encrypts your information using a 448bit encryption key. Only your unique key can be used to decrypt and restore your data.

HIGH AVAILABILITY

We replicate your data to our other data center located in Madison, WI ensuring high availability of your data.

Still Using Tape to backup your data?

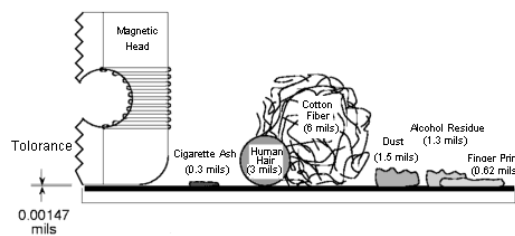
Why are you using your most outdated technology to protect your most critical information?

- Tape technology has been fundamentally unchanged for 20+ years.
- New tape has a 20 to 50% failure rate.
- Data on tape is rarely encrypted making data on tape easily accessible by others.
- Tape rotation and retention schedules are complex and difficult to manage.
- Most companies take one tape offsite daily. However most tape backup plans require more than one tape to fully restore data.
- Tape media is open to the air making it susceptible to dust, static, temperature and humidity changes.
- Tape manufacturing processes and disposal of old tape is bad for the environment.
- 34% of companies fail to test their tape backups.
- Of those companies that do test their backups, 77% have found tape backup failures.
- 60% of companies that lose their data shut down within 6 months of the disaster.

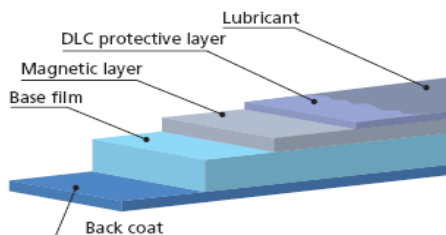


So what's wrong with tape?

You no longer listen to music on cassette or eight track. You no longer watch movies on VHS. Why? These industries have moved to a better media in CDs and DVDs. They did this because tape is unreliable. There are two main reasons why tape is unreliable. One is simply that with any tape cartridge, the tape itself is open to the air which makes it susceptible to debris. This diagram shows the space needed in order to achieve maximum read / write capability between the head and the tape surface. It also shows that space relative to common debris.



The second is caused by a breakdown of the tape's lubricant. Tape consists of layers of different material.



The lubricating layer allows for smooth travel over guides and read/write heads. Over time this lubricant breaks down, causing the tape to stick. This is why some old VHS videos look jittery. This is also why recovering data is so difficult with tape. Even if data was written correctly to a tape, it doesn't always mean you will be able to recover that data when you need it.

What is the alternative?

The IT industry has known about the issues with tape for years. Hard disk drives have slowly been replacing tape as an alternative media. This has been a slow adoption because only recently has the price of disk come down to make it an affordable option. Disk is a much more reliable media than tape. It is manufactured to higher specifications; it is sealed from the environment, and is constantly being redeveloped for higher reliability and faster performance. But, there is still an inherent problem with using disk as a medium for backing up data. **Getting the data offsite.** Taking a disk home is no easier than a tape. What's worse is the disk itself is susceptible to temperature changes, vibration, and impact. Plus, backups on disk or tape are rarely encrypted making your data easily susceptible to theft.

So What's The Solution?

ByteVault Remote Backup from IRIS Technology doesn't use tape. Your data is backed up on a schedule from your server's disks to ours, in Eau Claire, WI. Your data is automatically sent offsite, over the internet. ByteVault uses 448bit encryption to secure your data. Your data is stored in an encrypted format only accessible by you with your unique set of credentials and encryption keys. Even our staff never has access to your data. For added protection we copy your data to our other location in Madison, WI. So your data is backed up, automatically sent offsite and stored in two locations. What's more, ByteVault is less expensive than tape or disk backups. No more time spent managing your backups. No money spent on tape or disk. Now, enterprise level disaster recovery is affordable to the small and medium sized business. Call us today to find out how to get started with ByteVault Remote Backup.



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