

## Simplify daily backups and disaster recovery with ByteVault

ByteVault is a data protection and disaster recovery solution that reduces costs of businesses by simplifying the protection and recovery of important business data. This is a software solution for automated daily backups. No hardware or media are needed. The client interface is easy to use and understand, even for non technical staff. Selecting the drives, folders, files and services for protection is a simple click of the mouse. Recovery of data is built into the software. Simply type the name or partial name of a file. ByteVault will search your online catalog, and display matching files for recovery. And with your high speed internet connection, recovering files is a snap.

### Reliability

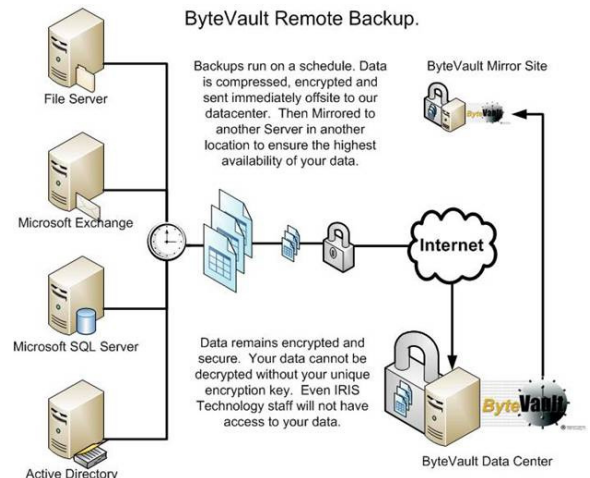
ByteVault runs unattended on a schedule. By automating daily backups ByteVault eliminates the possibility of forgetting to change the tape, or forgetting to take the tape offsite. Whether you have internal IT Staff or not, the person responsible for backups will appreciate the time savings by no longer having to monitor backup logs, swap out media, or take tapes offsite at night. Because ByteVault doesn't use unreliable media like magnetic tape you can be assured that you can restore the data that has been backed up. Too often businesses find that they cannot recover all data from tape. External Disks are more reliable than tapes, but are no easier to move offsite. With ByteVault your data is automatically encrypted and stored offsite, in two locations, daily.

### Feature Rich

ByteVault has many features that allow you to capture all of your data easily and effectively. If your company uses Microsoft Exchange™, simply select the Exchange option to backup mailboxes, address books, and public folders. The Microsoft SQL Server™ option allows you to backup multiple instances of SQL Server. This allows you to protect your databases that are so vital to your business. You can even backup up your company's SharePoint Intranet site. ByteVault has other features like Active Directory, System State, and Open Files. These options allow you to not only protect your data, but more quickly recover your system if a disaster or equipment failure occurs. ByteVault uses a technology called BitBackup. This feature backs up only the changed bytes of a file. This saves time during the backup and save space on our systems allowing you to save money. Plus, with BitBackup each time a backup of a file is performed the previous versions of that file remain intact. This allows you to recover old versions of files that have been modified.

### Security

ByteVault uses 448bit encryption. Why is this secure? Let's do some math. The number of digits in a 128bit key are  $2^{128}$ . This is an enormous number. Secure online banking typically uses 256bit encryption. A 256-bit key is not merely twice as long as a 128-bit key, but rather,  $2^{128}$  times as long. If a device were created that could crack a billion billion ( $10^{18}$ ) encryption keys per second, it would still require 3, 671, 743, 063, 080, 802, 746, 815, 416, 825, 491, 118, 336, 290, 905, 145, 409, 708 years to exhaust the 256-bit key space. Because of this 128-bit keys are impractical to attack by brute force methods using current technology. And, 256-bit keys are not likely to be broken by brute force methods using any obvious future technology. Now a 448bit encryption key is  $2.128 \times 10^{96}$  times stronger than a 128-bit encryption key. That's secure. ByteVault encrypts your data at 448bits before it leaves your server. Once encrypted the data is broken into chunk files that are transmitted to the ByteVault server over the internet. Once at our site the files are again transmitted to our other data center in Madison, WI. Your data remains encrypted on our servers. Not even IRIS Technology Staff has access to you data.



### Affordable Protection

IRIS Technology is a single purpose company. We provide disaster recovery resources, services and consulting. Our ByteVault service can securely and reliably protect your data while reducing cost, staff time and, more importantly, downtime. Our plans are structured for small and medium sized businesses. Plans start at just \$25 per month, with no hardware to buy, no software license to purchase, no media to buy, no staff time involved, no installation fee and no hidden costs.

Don't wait for a disaster to start thinking about disaster recovery.

