
Casper Secure™ Drive Backup

# Fast, Encrypted Backups as Secure as the Original Encrypted Drives

Employees often create backups of their computer drives to ensure fast recovery and eliminate unproductive downtime. However, when those drives are encrypted with Windows® BitLocker® or PGP® whole disk encryption, it is more difficult for users to make encrypted backups and use them to recover.

Traditional backup and disk imaging products such as Norton Ghost or Acronis True Image only capture an unencrypted copy of an encrypted disk. Unless the user takes the additional step to encrypt it, the backup remains unencrypted violating security directives.

Unfortunately, encrypting a backup takes time. Depending upon the encryption technology and the drive, it can take many hours to encrypt the backup. Alternatively, a user may choose to rely on a backup technology that will re-encrypt the data and store it in an alternate encrypted state using a separate password which can breach security directives and regulatory compliance.

Casper Secure Drive Backup handily eliminates these problems. In one step, Casper Secure creates a backup as secure as the original drive. All of the data, including the operating system, applications and settings, is retained on the backup in its original encrypted state.

Because the Casper Secure backup remains fully updatable in its encrypted state, an encrypted backup may be updated in the same time required by other backup and disk imaging products to perform partial or incremental unencrypted backups.

Whether it's a single file or an entire system, recovery is fast and easy. Users have complete and immediate access to all of the data on their backups. Additionally, a Casper Secure backup can be restored in its original encrypted state so users avoid the separate and time-consuming re-encryption step required by other disk imaging and backup solutions.

Casper Secure enables users to remain 100% compliant with security directives and HIPAA requirements while allowing users to keep a backup for fast, encrypted recovery. With Casper Secure there is never a reason for a user to be unprepared for a data disaster.

## Client Highlight

*"Thanks to Casper Secure Drive Backup, I am always utilized and productive at work. I don't have to worry about spending 5 days to manually reload my laptop after an OS crash! It only takes 10 - 15 minutes to restore and I am back up and running again! This means I spend most my in the field keeping my customer very satisfied."*

-Frank Simon, Field Service Support Representative

## Casper Secure Drive Backup
## The Best Backup and Recovery Solution for Encrypted Drives

| | Time Required for Full Backup | Data Security Upon Backup | Time Required for Restoration | Data Security Upon Restoration |
|---|---|---|---|---|
| Traditional Backup Products | 1-3 hours per 100 GB of data on drive<br>plus<br>1-3 hours per 100 GB of disk space if user must decrypt the system drive first. | Data is unsecure. User must separately encrypt backup (1-3 hours per 100 GB of space on backup drive) or use a backup technology that will encrypt data in an alternate state with separate password | 1-3 hours per 100 GB of data | Data is unsecure. User must encrypt drive. (1-3 hours per 100 GB of disk space on new drive) |
| Casper Secure Drive Backup | 1-3 hours per 100 GB of data on drive | Data is secure. Casper Secure made an encrypted backup. | None if the backup is made on a bootable storage device. Otherwise, 1-3 hours per 100 GB of data | Data is secure. Data is restored in an encrypted state. |

Future Systems™ SOLUTIONS

The **Only** Backup and Recovery Solution for Encrypted Drives