

Casper Secure™ Tech Edition

Quick and Easy Disk Cloning and Imaging for the IT Professional

Casper Secure Tech Edition is the only disk imaging and cloning solution engineered specifically for IT technicians needing to upgrade, replace, back up, restore and re-image drives and hardware RAID arrays encrypted with Symantec PGP® or Windows® BitLocker® Drive Encryption.

Only Casper Secure keeps all data in its original encrypted state before, during, and after the disk imaging process, ensuring 100% compliance with data security directives.



Benefits

Only Disk Cloning and Imaging Solution Designed Specifically for Full Disk Encryption

- Technicians can create an image of an encrypted Windows system disk without ever putting data at risk.
- With one click, Casper Secure Tech Edition makes a fully encrypted copy of an encrypted disk in its original encrypted state. Technicians avoid the arduous and lengthy decryption and re-encryption steps required with other disk imaging and cloning solutions, saving them hours of valuable time.

100% Compliance with Existing Security Directives

- Casper Secure Tech Edition completely eliminates the security and compliance risks associated with other disk imaging and cloning software which can only produce unencrypted copies of a full disk encrypted drive.
- With Casper Secure, data is never placed in an unprotected state. Technicians are always 100% compliant with enterprise-wide security directives and HIPAA requirements.

Rapid Backup, Re-imaging and Recovery

- Casper Secure eliminates the need to separately decrypt a drive prior to imaging or cloning, which means backups can be captured in a single step and safely stored in their original encrypted state.
- Casper Secure also eliminates the laborious data restoration and re-encryption steps required by other disk cloning and imaging solutions. A Casper Secure backup can be used as an immediate replacement for a failed drive, restored directly in its original encrypted state to a new drive, or used to quickly re-image an existing drive in its original encrypted state.

Easy Upgrades

- Casper Secure makes it extraordinarily easy to safely and securely replace an encrypted system drive with a larger hard drive or with a faster solid state drive.
- Casper Secure quickly duplicates an encrypted drive to another drive without requiring a laborious and time consuming backup, restore and re-encrypt process.

Saves Time

- Upgrading an encrypted system drive to a larger or faster drive can be done in 1-2 hours rather than the 10 or more hours that other imaging solutions require.
- Re-imaging a system disk from a Casper Secure image file can be done in less than an hour rather than the customary 10 or more hours when using a different imaging solution.

Unparalleled Safety and Dependability

- Specifically designed from the ground up to work with Symantec PGP and Windows BitLocker encryption.
- Exclusive AccuClone™ and Automatic Copy Verification™ technologies bring dependability to a new level by automatically verifying the integrity of the image during the disk cloning and disk imaging processes.

TECHNICAL HIGHLIGHTS

- Creates a complete image of an encrypted Windows system drive or hardware RAID array that maintains the original encryption of the drive or hardware RAID array.
- Supports Symantec PGP and Windows BitLocker Drive Encryption.
- Produces a fully bootable copy of an encrypted Windows system drive or hardware RAID array that can boot and run directly from an external USB drive.¹ A bootable backup can also be used as a permanent replacement.
- Makes complete disk image file backup of an encrypted drive or hardware RAID array that can be stored virtually anywhere, including on a network attached storage device or on a drive containing other data.
- Runs directly from within the Windows environment or from a bootable USB flash drive or CD/DVD.
- Easy-to-use wizards for copying, imaging, creating and removing encrypted and unencrypted drives.
- SmartStart™ wizards greatly simplify the process of backing up or replacing a Windows system disk.
- SmartRelease™ technology automatically prepares a portable backup drive for safe release after the backup has been completed.
- Supports copying of larger hard disks to smaller hard disks.
- Copies an entire hard disk or selected partitions and volumes.
- Copies multi-boot Windows configurations.
- Resizes partitions during cloning or image restoration for one-step migration to either larger or smaller drives.
- Automatic Copy Verification™ ensures copies are not corrupted by defective RAM, cables, disks, or controller interfaces.
- AccuClone™ technology ensures a true copy in shortest possible time with all encrypted data in its original encrypted state.
- SmartWrite™ technology ensures maximum performance and full use of computer while performing a backup within Windows.
- SmartAlert™ can send an email notification when a copy has been completed or when special attention is required.
- Advanced Power Management support automatically suspends, hibernates, or powers-off the computer when finished.
- Runtime controls allow you to quickly change power management and notification options.
- Customizable startup environment created on a USB flash drive or CD/DVD provides options to add additional storage and network drivers, custom drivers, custom network settings, and more.
- Allows advanced disk management tasks: creating and removing encrypted and unencrypted partitions, changing the active partition, changing a drive letter assignment, replacing damaged or missing boot records on encrypted and unencrypted partitions, and more.
- Automatically detects and supports solid state and Advanced Format drives to ensure optimized alignment and performance.
- Supports all drives including SATA, mSATA, eSATA, ATA/IDE, SCSI, USB, Firewire, and hardware RAID arrays.

SYSTEM REQUIREMENTS

- Supports: PGP Desktop version 9.6x or later on all 32-bit and 64-bit editions of Windows® 8.1, Windows 8, Windows 7, Windows Vista®, Windows XP, and Windows 2000 Professional
- Supports: Windows BitLocker® Drive Encryption on all 32-bit and 64-bit editions of Windows 7 and Windows Vista²
- 500MB available hard disk space
- 512MB RAM (1 GB or more recommended)



¹Requires computer with BIOS support for booting from USB hard disk type devices.

²Windows BitLocker drive encryption is currently supported only for NTFS formatted volumes on MBR disks.

