

Quick and Easy Disk Cloning and Imaging for the IT Professional

Casper Tech Edition is a disk imaging and cloning solution engineered specifically for computer technicians, system integrators and IT departments needing to upgrade, replace, back up, restore and re-image Windows system disks and RAID arrays.



Benefits

Fast and Easy Disk Upgrades and Replacements

- Casper Tech Edition quickly clones all popular Windows configurations, making it easy to create disk replacements or perform disk upgrades on servers, desktops and laptops.
- Automatic partition resizing and alignment ensure available space is maximized automatically when upgrading to larger hard disks and optimum performance when migrating to solid state drives.

Quick Image File Backups

- Casper Tech Edition provides complete support for creating, maintaining, and restoring disk image file backups that can be stored just about anywhere, including network attached storage devices and drives containing other data.
- SmartClone™ technology safely eliminates the redundant transfer of data during the imaging process, dramatically reducing the time required to update a backup, restore, or re-image a Windows system.

Rapid Recovery, Re-imaging and Deployment

- A Casper Tech Edition backup can be used as an immediate and permanent replacement for a failed hard disk, restored to a new disk, or used to quickly re-image an existing disk.
- When used in combination with Microsoft's Sysprep utility, Casper Tech Edition also greatly simplifies the process of replicating a hard disk for deployment to a new computer system.

Simple to Use and Convenient

- Casper Tech Edition is designed run directly from a USB flash drive or CD without installing any software or making any modifications to the system on which it is used.
- Clear, easy to follow wizards guide a technician through creating and restoring complete disk image backups, as well as copying, creating and removing drives.

Unparalleled Safety and Dependability

- 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.

Economically Licensed

- Casper Tech Edition is licensed per technician rather than per computer so a single technician can use the software on multiple computers.

Client Highlight



"With Casper Tech, I was able to quickly clone a user's drive before it failed completely. The failing drive contained lots of old software that I would have had difficulty reinstalling as their registration numbers were misplaced. Without Casper Tech, I would have spent days trying to get software re-registered."

Michael Schuler, Engineer
Schuler Consulting Inc.

TECHNICAL HIGHLIGHTS

- Creates a complete clone of a Windows system drive or RAID array.
- Produces a fully bootable clone of a 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 for a failed system disk.
- Creates a complete disk image file backup² of a 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 entirely from within the Windows environment or from a bootable USB flash drive or CD/DVD.
- SmartRelease™ technology automatically prepares a portable backup drive for safe release after a backup has been completed.
- Supports copying of larger drives to smaller drives.
- Copies an entire hard drive or selected partitions and volumes.
- Copies multi-boot Windows configurations.³
- 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.
- 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.
- Advanced disk management supports creating and removing partitions, changing the active partition, changing a drive letter assignment, 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 all 32-bit and 64-bit editions of Windows® 10, Windows 8.1, Windows 8, Windows 7, Windows Vista®, Windows XP, Windows Server 2016, Windows Server 2012 and 2012 R2, Windows Server 2008 and 2008 R2, Windows Server 2003 and 2003 R2, Windows 2000 Professional, Windows ME, Windows 98SE, Windows 98, and Windows 95⁴
- 10 GB available space for installation and Startup Disk creation
- 2 GB RAM (4 GB or more recommended)
- Windows 10 Assessment and Deployment Kit (ADK), Windows 8.x Assessment and Deployment Kit (ADK), or Windows 7 Automated Installation Kit (AIK)
- Internet connection for license activation and periodic license verification⁵



1) Booting from a USB hard drive requires a computer with BIOS/UEFI firmware support for booting from USB hard disk drive type (USB-HDD) devices. Not all computers support booting and running from USB hard disk drive type devices.

2) Virtual disk image file backups are supported only when running on Windows 7 and later or when booting and running from the Casper Tech Edition Startup Disk. The VHDX image file format is supported only when running on Windows 8 and later or when booting and running from a Casper Tech Edition Startup Disk created with the Windows 8.x ADK or later.

3) Multi-boot configurations, Windows 2000 and Windows ME/9x systems supported only when booting and running from the Casper Tech Edition Startup Disk.

4) Not designed for use with Windows NT or Windows Server for Itanium-Based Systems.

5) Alternative licensing options available for secured runtime environments lacking Internet access. Contact Enterprise Sales for more information.