

StorageCraft® ShadowControl™ ImageManager™ What Can It Do For You?

StorageCraft ShadowControl ImageManager is a full-featured companion to StorageCraft ShadowProtect® that allows you to move from simple BDR to a complete business continuity strategy. Its powerful technologies and features make it easy for you to stop worrying about a catastrophe and concentrate on what matters instead: your business.

ShadowControl ImageManager provides the following benefits:

- Rapid recovery in minutes with HeadStart Restore®.
- Fast and secure replication to the cloud using ShadowStream™ or intelligentFTP™ technologies
- Replication to local drives and LAN- or WAN-based storage
- Bandwidth throttling
- Automatic consolidation of backup image files to streamline backup management and reduce disk space.
- Ability to set retention policies for local and off-site backup images
- Verification and re-verification of backup images.
- Automatic email notification of backup job status.

ShadowControl ImageManager runs in conjunction with ShadowProtect, the award-winning line of backup and disaster recovery software. The revolutionary technology in ShadowControl ImageManager dramatically decreases the amount of time required to restore Windows systems, offers two, powerful methods to replicate backup image files to off-site locations and improves central management of ShadowProtect backups.

The following scenarios will show you how ShadowControl ImageManager can help you in various situations.



Scenario 1

Quick restoration

What happened: Your Web server crashed over the weekend and you have to get it up and running as quickly as possible because you're losing business by the minute.

What you need: Recovery of the entire server with minimal downtime.

How ShadowControl ImageManager can help: With ShadowControl ImageManager you can restore an entire server in a few minutes with HeadStart Restore™ (HSR) because you begin recovering your server before the disaster strikes.

Once you've scheduled ShadowProtect Server™ or ShadowProtect Small Business Server™ to perform regular backups of your server, you just need to set up a restore job using ShadowControl ImageManager. When you've set up your job, ShadowControl ImageManager updates it with the incremental changes that are made to your backup, so your restore job has all of the data updates that were made throughout the day.



HEADSTART RESTORE.

When your server crashes, you can get it online fast because HSR has been restoring it all along. It started when you set up the job and it keeps going for as long as you continue backing up the server.

To get your server online, simply finalise your restore job, which takes just a few seconds. Then you need to get HSR ready to restore to a virtual machine, so you run StorageCraft's Hardware Independent Restore™ technology. Then reboot your server and you're up and running again. This whole process takes about 15–20 minutes, even if you have a multi-TB volume of data.

Scenario 2 Replication of Backup Files

What happened: A flood wiped out your main offices destroying your servers.

What you need: A complete backup of your operating system and all your applications and data secured in an off-site location before the disaster happens so you can get your system up and running as soon after the disaster as possible.

How ShadowControl ImageManager can help: There are two ways ShadowControl ImageManager can help you quickly and securely

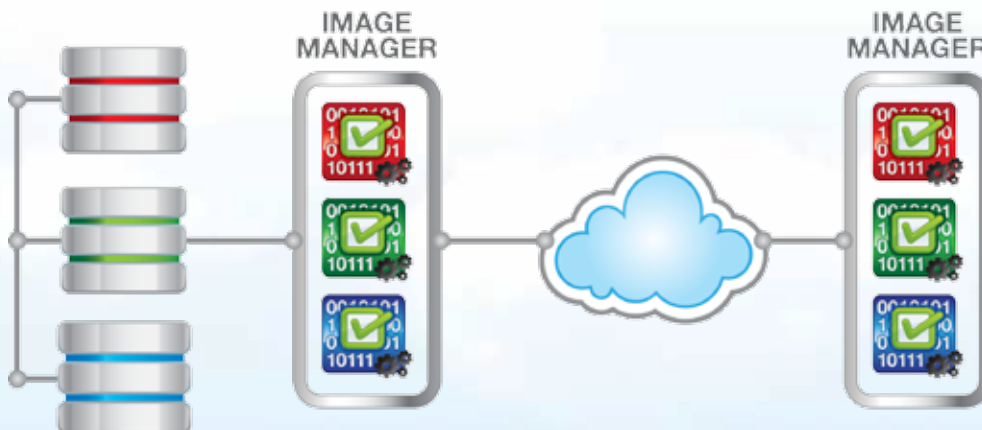
replicate your backup image files to an off-site location. These two options are designed to meet your budget, bandwidth and backup needs.

ShadowStream is an alternative to traditional FTP that doesn't require special hardware and transfers files up to five times faster than FTP.

SHADOWSTREAM™

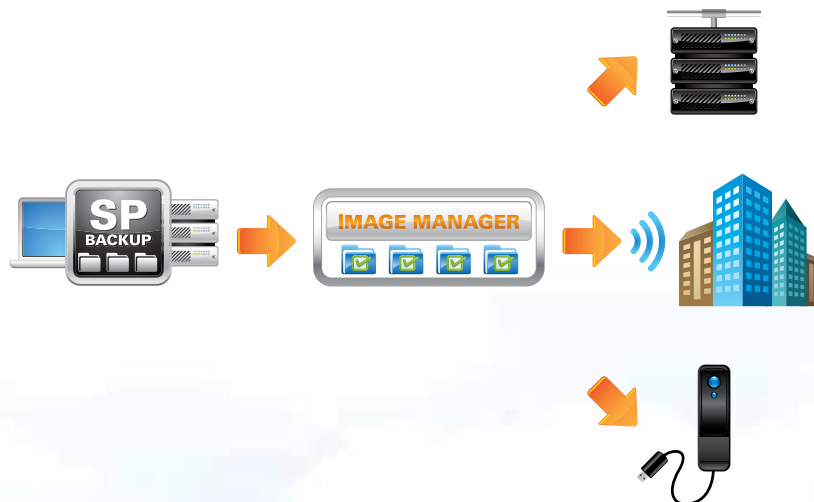
ShadowStream overcomes problems traditional FTP has with network latency and congestion, allowing it to more efficiently take advantage of the bandwidth of your pipes. In addition, its protocols are designed to be less susceptible to hacking, which, in addition to the encryption offered by ShadowProtect, makes sure your data is secure. ShadowStream even allows you to resume transfers that have been interrupted.

All you need to do is install ShadowControl ImageManager on both your production and remote servers, set up a ShadowStream job and let it go.



intelligentFTP™

intelligentFTP is the ShadowControl ImageManager answer to file transfer protocol. By taking advantage of the smart replication feature of ShadowControl ImageManager, intelligentFTP allows you to automatically replicate your backup images to the cloud. This ensures you're only transferring the files you need to transfer and not wasting precious time or bandwidth. In addition, intelligentFTP gives you even greater control by letting you transfer only the file types needed for replication, limit the transfer to verified images only and set retention policies for your source and destination files.



Once you've purchased your intelligentFTP job, go to the ShadowControl ImageManager replication pane and decide a destination for your replication and how often to perform that replication.

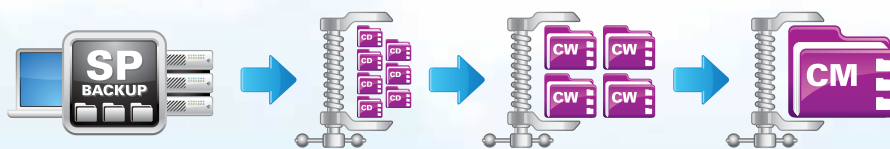
Note that an intelligentFTP license allows you to replicate to a LAN- and WAN-attached storage as well as the cloud. ShadowControl ImageManager also offers local replication as a regular feature. You do not need to purchase separate jobs to use it.

Scenario 3 Consolidate Backup Files

What happened: Your backup image stores are getting out of control, using up massive amounts of hard disk drive space.

What you need: Automatic management your backup images to minimize the amount of disk space used for your backups.

How ShadowControl ImageManager can help: With ShadowControl ImageManager you can manage and maintain the integrity of your backup image chains. Once you've set up your backup schedule in ShadowProtect, open ShadowControl ImageManager and set it up to collapse your backup image files into daily, weekly and monthly files.



These consolidated files are easier to maintain, and in the event of a catastrophic failure, ShadowProtect does all the work for you, allowing you to easily access the correct point-in-time where you'd like to restore your data.

Scenario 4 Verify Backups

What happened: You no longer have the time or the resources to constantly check and re-check your backup images to make sure they're still viable.

What you need: Routine and automatic monitoring of your backups to ensure their validity so you don't need to manually check each image yourself.

How ShadowControl ImageManager can help: ShadowControl ImageManager will automatically verify and re-verify your point-in-time ShadowProtect backup images to ensure they're still in a good state. If there is ever a problem, such as hard drive failure or a missing image file, ShadowControl ImageManager will alert you to the problem.



ShadowControl ImageManager will verify each backup image file right after it's created. Also, you may periodically re-verify older backup image files. By default this is set to seven days, but you can adjust this from one to 30 days, depending on your preferences and requirements.

This way, whether your backup image is one day or one year old, you can be certain of its integrity.

Scenario 5 Notification

What happened: You're always the last one to find out if one of your backup jobs isn't running.

What you need: Regular notification on all of your backup jobs so you know what's going on with them wherever you go.

How ShadowControl ImageManager can help: ShadowControl ImageManager can help you keep tabs on everything that is happening with your backup jobs because you can set it to send emails when specific events happen.



For example, if you'd like to know if a backup fails, you just set ShadowControl ImageManager to notify you whenever there is a problem with a backup job. You can also configure it to warn you if you're running low on free space on your backup drive or let you know if there's inactivity with your backup jobs for a specified period (from one to 14 days). In addition, you can set ShadowControl ImageManager to or send you a summary report of all your daily activity.

About Us

StorageCraft Technology Corporation provides best-in-class backup, disaster recovery, system migration and data protection for servers, desktops and laptops. StorageCraft delivers software products that reduce downtime, improve security and stability for systems and data and lower the total cost of ownership for servers, desktops and laptops.

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