

## Securing servers and PCs from viruses, spyware, internet cyberjunk and other intrusive changes that cause system downtime

The StorageCraft Approach to Server and PC Security:

StorageCraft™ solutions provide server and PC security when malicious or unwanted changes occur. Intrusive changes such as viruses, spyware and internet cyberjunk can put your critical information and systems at risk. These solutions provide IT organizations and users a method to automatically recover servers and PCs back to their previous state without a trace of these damaging problems. Why recover from a server or PC security problem when you can prevent it?

**The StorageCraft Approach to Security** - StorageCraft solutions have minimal impact to the current configuration of your server or PC. StorageCraft technology captures a snapshot of your system volume(s) and runs an exact duplicate of your server or PC in a virtual state. This virtual state, called ShadowMode™, allows the user to use the server or PC as normal, but without actually writing to the active volume. The user can specify what volume(s), folder or file changes are saved to disk and the unwanted changes can be discarded when the ShadowMode session is ended.

### SHADOWSERVER™

ShadowServer™ is the solution to help enterprise IT organizations accomplish the task of keeping all servers online at all times. ShadowServer provides high availability for servers so that downtime and the associated costs are held to a minimum. ShadowServer minimizes downtime and recovers your server from unwanted changes in the time it takes to reboot.

ShadowServer provides non-restrictive, easy to use server protection for Windows 2000 and 2003 servers. ShadowServer is the best way to prevent unwanted or deliberate changes from being made to a server. ShadowServer is your first line of defense, reducing the time and cost associated with re-installing the operating system, restoring from an image or recovering from a tape backup. At anytime, authorized users can save changes to the system, save selected files and folders or simply return the system to its pre-ShadowMode state.

### SHADOWUSER™

ShadowUser™ provides easy to use desktop security and protection for Windows operating systems. ShadowUser is the best way to prevent unwanted changes to PCs and laptops. ShadowUser provides the following advantages:

- Prevent harm to your PC due to new virus and worm outbreaks.
- Surf the internet without a trace of unwanted cookies, internet history, temporary files, spam applications or spyware.
- Instantly undo accidental or malicious changes to your PC.
- Safely test system updates, new applications and patches before permanently saving changes to your PC.
- Save changes to specific files, folders or an entire ShadowMode session.

ShadowUser ShadowMode provides a safe computing environment by creating a virtual twin of your PC. Restore the pre-ShadowMode™ system state no matter what has happened to the PC. At anytime, authorized users can save changes to the system, save selected files and folders or simply return the system to its pre-ShadowMode state.



ShadowSurfer™ provides secure and easy to use PC protection. ShadowSurfer is the best way to prevent accidental or malicious changes to your PC while surfing the internet. ShadowSurfer provides the following advantages:

- Prevent spyware and malware.
- Avoid viruses, worms and trojans.
- Surf the internet without a trace of unwanted cookies and internet history.
- Surf the internet in privacy by eliminating intrusive cyberjunk.
- Install and use trialware and discard at the end of a ShadowMode session.
- Kid-proof your PC by running in ShadowMode and discarding unwanted changes.

ShadowSurfer ShadowMode provides a safe computing environment by creating a virtual twin of your PC. Restore the pre-ShadowMode system state no matter what changes have occurred to your PC while surfing the internet.

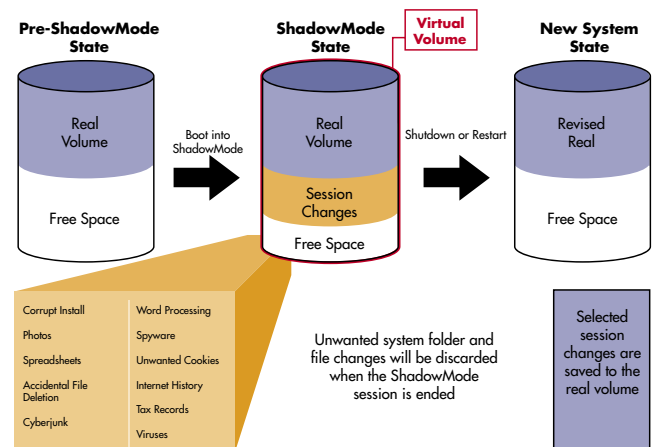
StorageCraft Security Solutions:

**StorageCraft  
Security  
Solutions Matrix:**

Features / Benefits	ShadowSurfer	ShadowUser	ShadowServer
Undo malicious or unwanted changes to the system	•	•	•
Preserve original system configuration	•	•	•
Complete operating system, application and data protection	•	•	•
No alteration to the file system or disk structure	•	•	•
FAT, FAT32, NTFS basic and dynamic disk support	•	•	•
SCSI, ATA and IDE hard drive support	•	•	•
Secure multiple hard drives, multiple volumes	•	•	•
Eliminate cookies, internet history, and spyware from being written to disk	•	•	•
Prevent viruses and worms from being written to disk	•	•	•
Easy-to-use menu for enabling / disabling computer security session (ShadowMode)	•	•	•
ShadowMode session reporting and statistics	•	•	•
Tray icon / wallpaper indicates ShadowMode session status	•	•	•
Commit changes – save changes on individual files, folders or the entire system		•	•
Persistence - Continue a ShadowMode session across reboots		•	•
Commit global computer changes		•	•
Specify volumes, folders or files to automatically save to disk when modified		•	•
Scheduler for automatically enabling / disabling ShadowMode session		•	•
No Touch Recovery – scheduler automatically resets computer back to previous state		•	•
Assign tasks in scheduler based on Windows user security rights		•	•
Control user access to the interface and product features		•	•
Support for Windows 2000, XP	•	•	
Support for Windows Server 2000, 2003			•

**ShadowMode  
Defined:**

**ShadowMode Defined** - StorageCraft uses a unique method called ShadowMode to ensure servers and PCs are secure. ShadowMode tracks each system change and redirects them to an unused location on the disk. These system changes can be permanently saved to disk or completely discarded. With ShadowMode, there is no need to specify regions on the disk for backup or use BIOS functions to reserve space for OS images. No partitions are modified; it utilizes system resources while active and releases those resources and disk space after the ShadowMode session is ended. ShadowMode is the most efficient and intelligent way to protect servers and PCs from system downtime.


**StorageCraft  
Security Solutions  
Online:**

**StorageCraft Security Solutions Online** - If you would like to try ShadowServer, ShadowUser or ShadowSurfer, you can download a full-featured evaluation copy at [www.storagecraft.com](http://www.storagecraft.com). Volume pricing and licensing for all StorageCraft solutions is available.

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