

Back Up Your Data with Peace of Mind



TreasureStone™ Backup & Recovery Server

All-in-one solution integrates system snapshot, complete system backup, file backup, universal restore, centralized network management, and with a high-speed disk array storage

- **High Capacity, High Speed, High Efficiency---**Capacity is up to 4,000GB; network speed is up to 1000 mbps; also supports Raid 0/1/5
- **Main & Sub Server Design---** Designate automatic offsite backups to protect data from earthquakes, fires, or floods
- **Site License ---** No more per workstation or per server licenses
- **Powerful Universal Restore Function ---** Restore to similar or dissimilar computer or hardware, supports Raid 0/1/5/JBOD
- **Flexible Backup Scheduling ---** Automatically back up and restore multiple computers simultaneously.
- **New Patented Technology ---** 4 patents granted in USA, and more than 20 pending

TreasureStone Backup & Recovery Server is an easy to use, powerful backup and recovery solution, with plug-and-play, which integrates system snapshot, complete system backup, file backup, and incremental backup. TreasureStone's unique instant snapshot technology creates a system snapshot backup within seconds. This allows you to undo any unwanted operation such as a failed Windows update, virus infection, or human error and recover your system to the previous working state. TreasureStone can also copy (clone) and exact duplicate image of the hard drive on servers or workstations, including personal files/folder, operating systems, databases, drivers, and all other data on the hard drive. The image will be saved to the TreasureStone Server. It can be used for data restoration, disaster recovery, or restoring computers to similar or dissimilar hardware.

Presently, office automation is very popular and essential to business operations. Files and data are transferred through the corporate network. Losing precious data because of malfunctions is extremely costly, and it may cause a business disaster. To relieve those pain points, there are 2 main components on the current market - data protection software and mass storage hardware. The complicated deployment and settings require specially trained IT engineers. Also the prices are very expensive. FarStone TreasureStone Backup & Recovery Server provides the world's first uniquely integrated solution, resolving all pain points to businesses.

NEW



Unique Software & Hardware Network solution: TreasureStone backs up your computer and protect everything important to you in an integrated high performance storage. Its plug and play design makes the setup and configuration extremely easy. The powerful Network Manager allows the administrator to deploy, back up, restore and configure a single computer or a group of computers from a central console.

NEW



System Snapshot (Undo): Monitors sector changes on the hard disk at any time to provide protection in real time. Backs up 250GB of data within 10 seconds. If your computer encounters virus attacks, upgrade failure or human error, you can recover the system quickly and easily. System Snapshot works according to the set schedule to recover the system to working state in case an accident happens.

NEW



Powerful Universal Restore: Restores files or your entire hard drive across different PCs, regardless of hard drive format, size, brand, or operating system, including 64-bit systems. You can even recover to the latest system and new hardware by dynamically loading new drivers manually.

NEW



Remote disaster backup on Main & Sub Server: The backup data on TreasureStone main server can be automatically transformed onto remote TreasureStone sub server through the LAN or Internet. It protects data from earthquakes, fires, and floods.

Pre-Windows Recovery: Recovers a disk image or snapshot in Pre-OS environment to get up and run after a system crash.

Network Management: Executes the backup, restoration or schedule the settings for all computers in the network simultaneously.

Virtual Machine Support: Converts the backup image into a VMware file format to run on the virtual machine.

Remote Control: Network Administrator controls all computers in the network both locally and remotely, enables/disables the interfaces of the remote client, browses partitions, files and folders on the remote computer.

Industry Standard AES Encryption Support: File backup supports AES 128/192/256 bit encryption to enhance data security.

Set Backup Schedules: Sets flexible backup schedules by groups while simultaneously running backup jobs.

Support Major Database & Open File Backup: Provides Open File Backup features. It backs up Oracle, SQL Server, Exchange Server, and Share Point Server in real time.

Print Server: Connects to printers to make them available for all computers on the network.

FTP Server: Users in a LAN or on the Internet can visit TreasureStone, upload/download files and directories.

UPnP AV Server: Provides UPnP network media service, support the UPnP AV network player. You can insert media into TreasureStone, and then play it on the supported player.

iTunes Server: Uploads MP3 files to iTunes server to playback files on iPod players.

TreasureStone Backup & Recovery Server Features & Benefits

Network Management

- Centrally manage a group or single computer
- Mail notification of the important event
- PXE boot and recovery support
- Centrally manage accounts, jobs and logs
- Automatically search for TreasureStone

System Snapshot

- Create a system snapshot manually or according to the schedule
- Back up a system and save the backup data into the Secure Area (VP)
- Restore from system snapshot manually or according to the schedule
- Provide Open File Backup features. It backs up Oracle, SQL Server, Exchange Server, and Share Point Server in real time.

Complete System Image Backup

- Real-time backup, incremental backup, schedule backup (multiple jobs)
- Clone disk/partition
- Split the backup image file
- Provide Open File Backup features. It backs up Oracle, SQL Server, Exchange Server, and Share Point Server in real time.
- Resize partitions during restoration
- Preview the backup image and retrieve individual files and folders through Internet Explorer.
- Restore (Modify) the non-system partition in Windows
- Execute disaster recovery with the recovery disc
- Universal Restore
- Bare-metal recovery
- VMware format conversion
- Offsite Copy

File Backup

- 64K block-based backup, the least modification size of the backup data
- Back up emails, music, videos and photos
- Schedule backup (Multiple jobs)
- Retrieve file version and restore it
- Restore selected files at one time
- Industry Standard AES Encryption
- Offsite Copy

Disaster Recovery (Bootable Media)

- USB disk/CD/DVD Recovery CD
- Local hard disk (Secure Area) Pre-OS
- PXE local restoration support (LAN)

Tools

- Create bootable rescue disk
- Remote installation
- Check image integrity
- Preview image
- Synchronize jobs
- Enable/Disable client interface
- Enable/Disable broadcast
- Search for clients

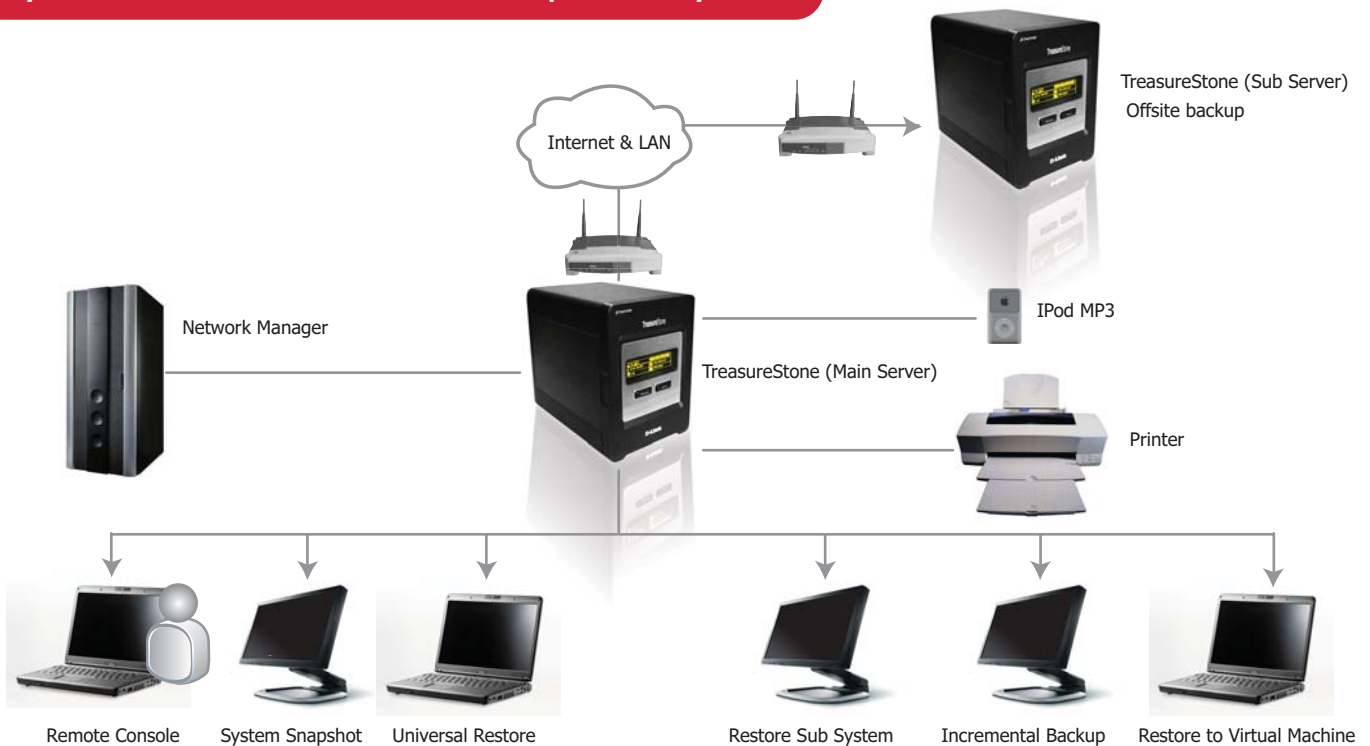
Offsite backup

- Synchronize important backup data remotely
- Detect file changes and synchronize files remotely
- Set schedule and synchronize files remotely
- Unilateral transmission, avoid wrong operations

System Requirements

- IDE, EIDE, SATA, iSCSI, RAID 0, 1, 5, USB Hard storage devices, IEEE-1394(FireWire) storage devices and removable drives
- FAT16/32, NTFS, Linux Ext2, Ext3, and ReiserFS
- Windows Desktops/Laptop (2000/XP/Vista) 32/64 bit
- Windows Servers (2003/2008) 32/64 bit
- Redundant support: Standard, JBOD, RAID 0, RAID1, RAID 5
- Network speed: 10M/100M/1000M

System Architecture of TreasureStone Backup & Recovery Server

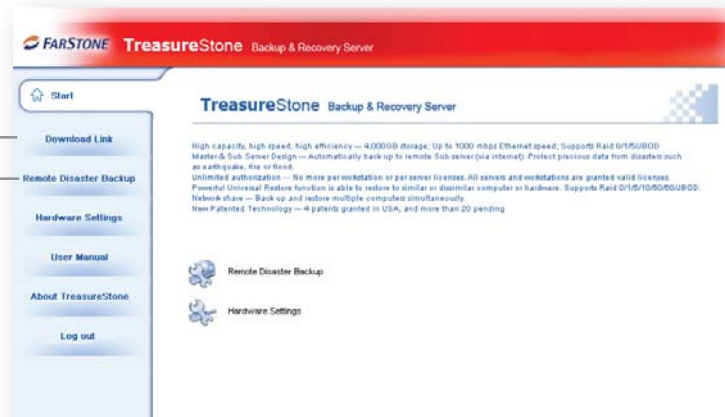


Offsite Backup

Set remote sub server and remote disaster backup schedule

Hardware Settings

Set advanced settings of TreasureStone hardware, such as print server, FTP server, uPnP AV server, iTunes server, and so on.



Competitive Differentiators

	FarStone	Symantec	Acronis	Netgear	Buffalo	EMC
	TreasureStone	BESR	TrueImage	ReadyNAS Pro	LinkStation Pro	StorageCredenza
Plug-and-play	Plug in network cable and run it	N/A	N/A	N/A	N/A	N/A
Remote disaster backup	Main & Sub server design	N/A	N/A	N/A	N/A	N/A
Solutions	Exclusive all-in-one solution	Software	Software	Software + Hardware	Hardware	Software + Hardware
Workstation Authorization	Unlimited Authorization	Need a License for Each Workstation	Need a License for Each Workstation	Need a License for Each Workstation	Need a License for Each Workstation	Need a License for Each Workstation
Server Authorization	Unlimited Authorization	Need a License for Each Server	Need a License for Each Server	Need a License for Each Server	Need a License for Each Server	Need a License for Each Server
Performance/Cost	High	Low	Low	Normal	Low	Normal
Evaluation	★★★★★	★★★	★★★	★★★	★★★	★★★★

Perfect Solution, Integrating Software and Hardware

Scenarios	Pain Points	TreasureStone Backup & Recovery Server Solutions
School /Educational Agency /Library	<ul style="list-style-type: none"> • Computer cannot boot normally • Manually backed up data may be forgotten easily • Backup data size is too large for the index 	<ul style="list-style-type: none"> ✓ System Snapshot(Undo) recovers your computer within 10 seconds ✓ Automatic schedule backup works with sub- server mechanism, remote disaster backup to ensure data security ✓ 4000GB capacity and 1000Mbps network speed ✓ Unlimited licence authorization lowers your cost
Administrative /Executive Agency	<ul style="list-style-type: none"> • Computer cannot boot normally • Manual backup data may be forgotten easily • Backup data size is too large for the index 	<ul style="list-style-type: none"> ✓ Plug-and-play, integrates software and hardware, backup and recovery ✓ System snapshot, complete backup and file backup recover your computer to a previous working state ✓ Industry Standard AES Encryption Support
Bank/Bond /Insurance Agency /Hospital	<ul style="list-style-type: none"> • Without the important information on the server, the whole system cannot work • Employee computers cannot run due to hardware malfunctions • Important data cannot be shared within all chain stores. 	<ul style="list-style-type: none"> ✓ Even if the operating system cannot boot normally, system snapshot (Undo) can restore the system to the working state within 10 seconds. ✓ Universal Restore restores to other computers with 100% hardware compatibility
Cyber Bar	<ul style="list-style-type: none"> • Webmaster needs to manually restore every system to the original state every day. • Network speed is too slow to access the share. 	<ul style="list-style-type: none"> ✓ System snapshot (Undo) can restore the system at every system startup. ✓ 4000GB capacity and 1000Mbps network speed
Accounting Firm /Law Firm /Financial Department	<ul style="list-style-type: none"> • File modifications and computer malfunctions cause loss of the important data. • For mass file archiving, you have to transport the files to discs in every fixed period. Disc loss or damage can cause the lost of important data. • Confidential files are often kept as paper files instead of electronic files. You need to input them into the computer if necessary. 	<ul style="list-style-type: none"> ✓ Incremental Backup restores the files in any phase to ensure you can get any file you want immediately. ✓ With remote disaster backup of sub server, super storage capacity keeps all important information safe. ✓ Industry Standard AES Encryption keeps important files confidential. They are available only if you enter the correct password.
Anti-virus Software Corporation (SDK Integration)	<ul style="list-style-type: none"> • Viruses cannot be removed completely. System crashes after running anti-virus software, and the operating system cannot work normally. • Anti-Virus software cannot identify new viruses, so it cannot remove the virus completely. 	<ul style="list-style-type: none"> ✓ Integrated system snapshot (Undo) restores the system within seconds without viruses. ✓ Integrated SDK calls system snapshot to restore the system to the previous health state if the virus cannot be cleaned.
OEM(DCSR) (SDK Integration)	<ul style="list-style-type: none"> • Once the client's computer encounters malfunctions, he will call Technical Support to recover it. It is very complicated. 	<ul style="list-style-type: none"> ✓ DCSR restores client's computer quickly within minutes. It cuts Technical Support costs in half and reduces system return by 20%
ISP Provider (SDK Integration)	<ul style="list-style-type: none"> • Server crash will cause network paralysis. Your service will be cut, and it will take a long time to recover. • Workstation computer malfunctions need to be resolved by your engineers. It is time-consuming and costly. 	<ul style="list-style-type: none"> ✓ With a few mouse clicks, system snapshot (Undo) can restore the server to the working state. ✓ The client's can restore their computers by themselves only if you provide the backup & recovery service to them.
Hardware Vendor (Bundled)	<ul style="list-style-type: none"> • Competitive hardware and low profits 	<ul style="list-style-type: none"> ✓ Bundle with the Backup & Recovery Server can be the highlight of your selling points

Related TreasureStone Series Product

TreasureStone VirtualDrive DVD Server is a suite of perfect solutions, integrating without a physical disk, user authorization management, virtual disc management, high-speed storage over network and disk array.



Partners



Recommended by industry experts



Product Contact With regard to the detailed product information, technical service, and all other information of our company, you are welcome to contact us via one of the following ways:
 Website: <http://www.farstone.com> E-mail: sales@farstone.com