



Reliable Backup and Disaster Recovery for Windows and Linux Systems

Protect Windows, Linux, or Mixed IT Environments with a Single, Cross-Platform Solution

Like disasters, IT environments are anything but standard. That's why organizations need a single, cross-platform solution that protects their entire IT environment—whether it's Windows or Linux, virtual or physical.

Since 2003, businesses of all sizes have relied on the award-winning StorageCraft® ShadowProtect® backup and disaster recovery solution to protect, recover, and migrate their virtual and physical Windows systems. Now StorageCraft extends the reliability users have trusted for years to a new cross-platform solution, StorageCraft ShadowProtect SPX, with support for virtual and physical Windows and Linux systems.

With SPX, you can have complete confidence that your Windows and Linux systems are fully protected and can be reliably recovered anywhere in minutes—to the original hardware, to new hardware, or to a virtual machine (VM) hosted on the same or a different hypervisor.

Sector-Level, Image-Based Backups

Fast and flexible recovery starts with a solid backup. SPX quickly and efficiently captures your entire system—including the operating system (OS), applications, settings, services, and your data—at the sector level. SPX agents are installed at a low level of the guest OS and track only changed blocks, resulting in smaller and faster backups.

For Linux systems, StorageCraft has developed a new kernel-level driver to ensure you get a quick and solid backup every time. For Windows systems, SPX leverages Volume Shadow Copy Service (VSS) to ensure solid backups and a proprietary kernel-level snapshot driver to ensure backups happen fast.

For added flexibility, an SPX backup image can be converted to a .VHD or .VMDK file for migration or restoration to a VM.

Customizable Scheduling Options

SPX gives you the ability to create multiple full and incremental backup schedules to best fit your needs. Use one of the predefined backup job profiles or customize your own mixed schedule of full and incremental backups at specified times. For instance, you can run continuous incremental backup jobs every 15 minutes Monday-Friday during business hours and also add a single incremental to run on Saturday. You get complete flexibility to schedule the exact type of backup job you want, on the days and at the times you want. Plus, SPX can write backup images to internal, removable, or network storage.

At-a-glance:

Rapidly and reliably back up, recover, and migrate your virtual and physical Windows and Linux systems with one cross-platform solution. Licenses are available for:

- Linux servers and VMs
- Windows servers and VMs
- Windows desktops and laptops

Where It Fits in the StorageCraft Recover-Ability Solution:



Backup



Test



Recover

OS Support: A list of supported Windows operating systems and Linux distributions and kernel versions can be accessed at: www.storagecraft.com/SPX

Hypervisor Support:

SPX supports guests running on a broad range of hypervisor platforms:

- Citrix XenServer
- Linux KVM
- Microsoft Hyper-V
- Microsoft Virtual PC
- Microsoft Virtual Server
- Oracle VirtualBox
- ProxMox
- Red Hat Enterprise Virtualization
- Stratos everRun
- VMware ESX/ESXi (including the free version of ESXi)
- VMware Workstation



Fast, Flexible Recovery Options

With SPX, you have the widest range of options to recover your systems and ensure minimal business downtime. You can:

- Recover individual files and folders in seconds, without needing to restore the entire system.
- Recover full systems in minutes.
- Boot a backup image as a VM with StorageCraft VirtualBoot™ technology.
- Perform a bare metal restore.
- Recover to the same physical or virtual environment with StorageCraft Recovery Environment.
- Recover to dissimilar hardware or a different hypervisor environment with StorageCraft Hardware Independent Restore™ technology for Windows systems and boot repair for Linux systems.
- Pre-stage a recovery VM using patented StorageCraft HeadStart Restore® technology (requires additional licensing fee).

Simplified System Migration

With SPX, you can avoid the usual complexities of system migration and migrate any SPX backup image to new physical or virtual systems (P2P, P2V, V2V, and V2P).

Easy-to-Use Management Console

SPX includes a newly designed user interface and a patented job timeline feature that makes it easy to monitor and manage backup jobs. You can:

- Use the same SPX user interface to connect to Windows or Linux machines running SPX.
- View the status and success of backup jobs quickly.
- Click on any backup job to view a detailed job summary, including disk usage.
- Access image files directly in the console with the image chain browser.
- Mount a volume, restore a volume, verify a backup image, or use VirtualBoot to automatically boot any backup image as a VM—all directly from the image chain browser or the job timeline feature.

Fully Integrated for an End-To-End Solution

SPX backup files are fully supported across the StorageCraft Recover-Ability™ solution, including:

- **StorageCraft ImageManager™**: Automatically verify your backup images, consolidate image chains based on your retention policies, and replicate your SPX backup image files to local storage, offsite locations, and the StorageCraft Cloud.
- **StorageCraft ShadowControl® (v3.0 or newer)**: Monitor SPX backup jobs on multiple endpoints from a single pane of glass, and create backup job policies that let you quickly and easily protect groups of endpoints with a consistent backup job configuration.
- **StorageCraft Cloud Services™**: Replicate your SPX backup images to the reliable StorageCraft Cloud for secure offsite storage, rapid recovery of files and folders, and instant virtualization of systems in the cloud.

Additional Information

For additional product details, visit: www.StorageCraft.com/SPX

If you have questions or need additional information, contact your StorageCraft Account Manager or your StorageCraft Distributor.



Microsoft Partner

Gold Application Development



STORAGECRAFT

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