

ShadowProtect

Reliable Backup and Disaster Recovery for Windows and Linux Systems



Introduction

No two organizations have identical IT environments or business needs, but what is consistent across all organizations large and small is the need to protect themselves from unplanned downtime—both everyday disruptions and major disasters. With demands for 24/7 availability and data growth skyrocketing, an organization's ability to quickly recover its mission-critical systems and resume normal business operations is crucial.

The Need

Organizations need complete confidence that their entire IT environment—whether it's Windows or Linux, virtual or physical—is fully protected and can be reliably recovered in minutes. Since you never know what resources will be available to you in a disaster, the flexibility to be able to recover anywhere, anytime, every single time is unquestionably vital.

The Solution

Fast, flexible recovery starts with a solid backup. Arcserve® ShadowProtect® SPX is the cornerstone of the Arcserve Recovery Solution, providing comprehensive backup protection, reliable recovery, and system migration in a single, cross-platform solution that supports Windows and Linux systems on virtual and physical machines. How it works:



- **Install ShadowProtect SPX on any server, desktop or laptop you wish to protect.** SPX quickly and efficiently captures your entire system including the operating system (OS), applications, settings, services, and your data.
- **Take regularly scheduled backups as often as every 15 minutes.** Create custom full and incremental backup schedules to best fit your needs.
- **Choose where to store your backup files.** Write backup images to any internal, removable, or network storage locations.
- **Easily monitor and manage your Windows and Linux backup jobs** in the same SPX user interface or through the web-based management console Arcserve ShadowControl®.
- **Rest assured you have multiple options to recover onsite and offsite in minutes.** Recover entire systems or specific files and folders—all from the same backup image.



Features and Benefits

Features	Benefits
Image-Based Backups	Monitors data at the sector level and tracks only the changed blocks in each sector. Application-awareness ensures transactionally-consistent backups of Exchange, SQL, and SharePoint. Fully supports VSS and proprietary kernel-level drivers for a fast and solid backup.
Full System Recovery	Recover complete systems in minutes.
VirtualBoot™ technology	Rapidly boot any backup image as a guest VM: <ul style="list-style-type: none"> —○ Through our integration with Oracle VirtualBox —○ Directly on a Microsoft Hyper-V host when using Windows 10 Pro, Windows Server 2016, and Windows Server 2012 R2 —○ Directly on a VMware ESXi host in a VMware vSphere cluster (and opt to permanently migrate a physical system or VM to an ESXi host in a VMware vSphere cluster)
Recovery Environment	Recover to the same physical or virtual environment with this powerful yet easy-to-use pre-OS bootable environment.
Hardware Independent Restore™ technology	Recover to dissimilar hardware or a different hypervisor environment with Hardware Independent Restore for Windows systems and boot repair for Linux systems.
Bare Metal Restore	Perform a bare metal recovery quickly and easily.
Image Conversion	Convert an SPX backup image to a .VHD, .VMDK, or .VHDX file for migration or restoration to a VM.
Intuitive User Interface	Mount a volume, restore a volume, verify a backup image, or use VirtualBoot through the patented job timeline and image chain browser.
OS Support	Supports a broad range of Windows operating systems, as well as Linux distributions and kernel versions.
Broad Hypervisor Support	Supports guests running on a wide range of hypervisor platforms including VMware ESX/ESXi, Microsoft Hyper-V, Citrix XenServer, Linux KVM, and more.
Flexible Licensing Options	<ul style="list-style-type: none"> —○ Per-system or per-socket —○ Perpetual, annual subscription, or MSP monthly subscription

Take the Next Step

Find out more at arcserve.com
 or contact us at email@contact.com
 or call +1 844 639-6792.

