

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 missioncritical 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.
File and Folder Recovery	Recover individual files and folders in seconds, without needing to restore the entire system.
Arcserve 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)
Arcserve Recovery Environment	Recover to the same physical or virtual environment with this powerful yet easy-to-use pre-OS bootable environment.
Arcserve 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	Lower IT costs: agentless, no hardware overhead, no worries about updates
Image Conversion	Easy to adjust to the changing demands of systems or users
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
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About Arcserve

Arcserve, a global top 5 data protection vendor, provides the broadest set of best-in-class solutions to manage, protect and recover all data workloads, from SMB to enterprise and regardless of location or complexity. Arcserve solutions eliminate complexity while bringing best-in-class, cost-effective, agile, and massively scalable data protection and certainty across all data environments. This includes on-premises, cloud (including DRaaS, BaaS, and Cloud-to-Cloud), hyperconverged, and edge infrastructures. The company's nearly three decades of award-winning IP, plus a continuous focus on innovation, means that partners and customers, including MSPs, VARs, LARs, and end-users are assured of the fastest route to next-generation data workloads and infrastructures. A 100% channel-centric organization, Arcserve has a presence in over 150 countries, with 19,000 channel partners helping to protect 235,000 customers' critical data assets. Explore more at arcserve.com and follow @Arcserve on Twitter.

