

# STORAGECRAFT® SHADOWPROTECT.5 VIRTUAL

## Best-in-Class Disaster Recovery for Virtual Machines

### Backup Fast and Recover Faster with StorageCraft ShadowProtect Virtual

Virtualization is an important tool for IT professionals to maximize hardware resources and improve disaster recovery. With unpredictable storage architectures, IT professionals need a backup and disaster recovery solution that can adapt to changing computing environments.

StorageCraft® ShadowProtect® Virtual provides fast and reliable backup, disaster recovery, data protection, and system migration to get virtual machines (VMs) online quickly. It allows you to backup everything in your virtual environment and recover it anywhere: to another type of hypervisor, to physical environments, or to the cloud.

ShadowProtect Virtual protects your entire computing environment—including the operating system, applications, services, and data.

### Fast, Flexible, and Reliable Recovery

The legendary reliability of ShadowProtect includes bare metal recovery to the same system or to another VM, even to a different hypervisor. Its Hardware Independent Restore technology provides portability to new hardware and is agnostic to the underlying physical hardware or virtualization technologies. This provides the flexibility you need within changing IT infrastructures, ensuring business continuity in hybrid environments.

In addition, ShadowProtect includes StorageCraft VirtualBoot technology. VirtualBoot dramatically improves your ability to recover quickly by allowing you to access systems as a VM in just a few minutes.

Priced per VM, ShadowProtect Virtual can be purchased in multi-packs and deployed on multiple hosts.

### ShadowProtect Virtual supports the following hypervisors:

- VMware
- Microsoft Hyper-V
- Citrix XenServer
- Oracle VirtualBox
- RedHat KVM/RHEV



ShadowProtect Virtual also includes revolutionary new technology, StorageCraft ImageReady, which automatically mounts ShadowProtect backup images as NTFS shares. Once mounted, ImageReady can perform script-based operations on the image to verify data and application integrity. This might include running CHKDSK, or custom scripts that test the operation of business-critical applications such as Exchange, SharePoint, and SQL environments.

### ShadowProtect Virtual provides the following benefits:

- Support for VMware, Microsoft Hyper-V, Citrix XenServer, Oracle VirtualBox, and RedHat KVM/RHEV.
- Windows Server 2012 support.
- Rapid recovery from bare metal, to dissimilar hardware or to and from virtual environments.
- ImageReady technology to automatically mount backup image files.
- Granular recovery of individual files and folders in moments.
- Ability to boot any ShadowProtect image as a VM with VirtualBoot.
- Automatic backup of SQL, Exchange, and other critical applications.
- Hardware Independent Restore technology.
- Simplified migration to new Windows servers.
- Scheduler for automatic full and incremental backups.

## ShadowProtect Virtual Features



**Virtualization**—Increase flexibility in your IT infrastructure by standardizing on a single backup and disaster recovery solution for both virtual and physical environments. ShadowProtect Virtual includes support for VMware, Microsoft Hyper-V, Citrix XenServer, Oracle VirtualBox, and RedHat KVM/RHEV hypervisors.



**Backup**—Best-in-class backup that captures full, differential, and incremental images of your entire system. This includes the operating system, applications, configuration settings, running services, and data. Schedule full and incremental backups for automatic protection of everything on your Windows system.



**Recovery**—ShadowProtect rapidly recovers a number of ways: including full bare metal recovery through a bootable recovery CD, and recovery to dissimilar hardware or hypervisors using Hardware Independent Restore.



**File and Folder Recovery**—Quickly browse to specific files and folders in your backup images to perform granular recovery of your data. Mount a backup image and empower end users to recover exactly what they need.



**ImageReady**—Automatically mount ShadowProtect backup image files for quick recovery of files and folders or scripted verification of backup images. Schedule scripts to check the integrity of backups, including backups of application servers—such as SQL, SharePoint, or Exchange.



**VirtualBoot**—Right-click any ShadowProtect Server backup image and automatically boot it as a VM—in just a couple of minutes.



**Hardware and Platform**—Supports Windows Server 2012, as well as support of additional systems, including UEFI, LBD, and RedHat KVM hypervisor.

## Save Time

Minimize your recovery time objective (RTO) with the fast, reliable, and flexible recovery and migration options in ShadowProtect Virtual.

## Save Money

Get business back up and running in a matter of minutes, rather than hours. Every minute lost in recovery is income and productivity lost. Minimize RTO and you maximize profits.

## Save Storage Space

ShadowProtect Virtual allows you to consolidate your backup image store to simplify backup management and minimize the amount of disk space required for system backups.

## For Additional Information

For additional information about ShadowProtect Virtual, please visit:

[www.StorageCraft.com/ShadowProtectVirtual](http://www.StorageCraft.com/ShadowProtectVirtual)

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