

Symantec Backup Exec™ System Recovery

The Gold Standard in Complete Windows® System Recovery

Overview

Symantec Backup Exec System Recovery 8 is a complete, disk-based system recovery solution for Microsoft® Windows based servers, desktops, and laptops that allows businesses to recover from system loss or disasters in minutes, not hours or days—even to dissimilar hardware platforms, virtual environments, or in remote, unattended locations.

From small businesses to larger Windows environments, Backup Exec System Recovery is the gold standard in complete Windows system recovery.

Key benefits

Rapid, reliable recovery—even to dissimilar hardware and virtual environments

- Supports Microsoft Windows Server® 2008
- Recovers complete server, desktop, and laptop systems in minutes
- Scales to meet your growing business needs

Flexible offsite protection and enhanced recovery capabilities

- Enables offsite copy to FTP location or secondary disk drive
- Granular recovery of Exchange, SharePoint®, or files and folders from a single interface
- Simple, seamless conversion of physical systems to virtual environments

Innovative multi-product integration with market-leading technologies

- Event-triggered backups based on Symantec ThreatCon security monitoring
 - Centrally manage system backups with Altiris Notification Server
 - Complements Symantec Backup Exec for Windows Servers
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Features

Powerful Windows recovery capabilities

(Server Edition, Desktop Edition, and Windows Small Business Server Edition)

- Capture and protect the entire Windows system, including the operating system, applications, databases, all files, device drivers, profiles, settings, and registry, in one easy-to-manage recovery point—without disrupting user productivity or application usage.
- Perform a full system restoration, even to bare-metal systems, in minutes—without the need to manually reinstall and reconfigure operating systems, applications, system settings, and preferences.
- Symantec Recovery Disk auto-detects hardware and loads the appropriate drivers to boot the system, eliminating the need to manually build recovery floppy disks.
- Customizable Symantec Recovery Disk automatically harvests system drivers not already included on the Symantec Recovery Disk and also allows administrators to add additional drivers for a customized recovery environment tailored to meet your unique hardware needs.

Data Sheet: Backup and Recovery

Symantec Backup Exec™ System Recovery

- **New!** Offsite copy functionality enables you to automatically copy recovery points to a remote server using FTP or to an external hard drive or network share to enhance your disaster recovery efforts.
- **New!** Integration with Symantec ThreatCon allows you to easily configure Backup Exec System Recovery to automatically run a backup when the Symantec ThreatCon level reaches or exceeds the level you specify.
- Calendar View shows past, present, and future recovery points for each volume on the system and the protection level of each.
- Google™ Desktop integration allows for familiar rapid search and retrieval of files and folders using a common Web-browser interface.
- Dynamic CPU-based performance throttling improves performance on desktops and servers to utilize resources more efficiently while capturing a recovery point. Also included is support for dual- and quad-core systems.
- **New!** Create recovery points for volumes up to 16 TB in size.
- Scheduled recovery points help ensure systems are automatically backed up, allowing administrators to focus on other tasks.
- Incremental recovery points can be scheduled as often as every 15 minutes if desired. Incremental recovery points save time and reduce disk storage requirements by capturing only the changes that were made since the last recovery point.
- Customizable Event Driven Recovery Points allow users to specify which executable(s) or .com files they wish to trigger a new recovery point. This expands on the existing set of event triggers (prior to application installation, user log on or off, and configurable storage utilization changes).
- File/Folder Backup and Recovery allows administrators to back up selective files and folders on a separate schedule from full system or volume recovery points. Users can also search and retrieve files from file/folder backups.
- Manage backup destinations to optimize the hard drive space being used for storing backups.
- Save recovery points to virtually any disk storage device, including direct-attached storage, NAS, SAN, USB drive, FireWire drive, CD, DVD, and so on.
- **New!** USB drive identification—Backup Exec System Recovery intelligently and uniquely communicates to USB drives and will run backup jobs to the given device even if the drive letter changes.
- Network bandwidth throttling enables administrators to generate recovery points to network locations without overloading the network.
- Microsoft Volume Shadow Copy Service (VSS) integration automatically sets databases that are VSS-aware into the “quiet” state so that recovery points can be captured without taking the databases offline.
- Pre- and post-command processing allows administrators to customize additional actions they wish to take prior to capturing a recovery point, or after a recovery point has been captured.
- Mount recovery points in Windows Explorer for immediate search, file recovery, or virus scanning.
- Support for Microsoft Active Directory® allows a restored domain controller to be re-synchronized with its originating domain.

- SNMP traps enable administrators to use existing network management consoles to report on the status of scheduled recovery points.
- **New!** A Help and Support page includes one-click access to more information, including the product help system and the product User's Guide.

Flexible restoration options (*Symantec Restore Anywhere™ technology*)

- Quickly and easily restore entire systems to dissimilar hardware to dramatically reduce recovery times and save on significant hardware investments.
- Hot imaging combines with the ability to restore to different hardware platforms on the fly and breaks the barrier of incompatible storage controllers and hardware abstraction layers.
- Restore Anywhere also supports network interface controllers (NICs), ensuring that your NIC will function properly after a recovery point has been restored to dissimilar hardware.
- Users can migrate their system to a new computer without requiring a new installation. This is key when upgrading hardware or repurposing systems to serve a different role.

Enhanced virtual support

- Leverages the power of virtualization for seamless physical to virtual (P2V) and virtual to physical (V2P) conversions to VMware® ESX Server, VMware Server (formerly GSX Server), VMware Workstation, and Microsoft Virtual Server disk formats.
- An easy-to-use virtual conversion wizard allows for quick conversion directly to VMDK or VHD files.

- Simplifies testing and migrations—Perform preflight testing of patches, application installations, configuration changes or driver updates in a virtual environment before applying changes to production systems.

Easy remote system recovery (*LightsOut Restore capabilities*)

- Recover systems in remote or inaccessible locations.
- Eliminate in-person visits to perform a full bare-metal recovery by booting the system from its baseboard management controller. (Note that remote out-of-band power management capabilities are not provided with LightsOut Restore.)
- The Symantec Recovery Disk is placed on the system hard drive, eliminating the need to access it from the CD.
- Drivers can be manually added directly to the Symantec Recovery Disk files located in the boot volume subdirectory.

Enhanced Exchange, SharePoint, and file/folder recovery (*New! Symantec Backup Exec System Recovery Granular Restore Option*)

- **New!** From a single, multi-tab interface, quickly recover individual Exchange messages, SharePoint documents, or files and folders.
- Recover critical Exchange mailboxes, folders, messages, or attachments in seconds—without the need for mailbox backups—and forward them directly through Microsoft Outlook® if desired. **Now supports Exchange 2007!**
- **New!** Recover Microsoft SharePoint Server documents in seconds from a single system recovery point.
- **New!** Restore files and folders in seconds with the ability to search multiple recovery points at the same time.

Scalable centralized management (*Symantec Backup Exec System Recovery Manager*)

- Manage the installations of Symantec Backup Exec System Recovery across your entire organization to simplify administration.
 - Monitor the current protection status of all managed systems across your entire organization with the at-a-glance consolidated “Home Page” view. You can also access “Hot Spots” for quick problem analysis and view historical trends.
 - View real-time status of backup jobs with the ability to filter on computer name, job type, job name, and IP address; and examine errors to troubleshoot any problems identified.
 - Centralized access to computer details includes volume name, size, amount and percentage of space used, file system type, and last recovery point time and location.
 - Enable end-user recovery of files and folders without IT intervention with intuitive, Web-based search using Backup Exec Retrieve.
 - Search and recover data in Backup Exec for Windows Servers Continuous Protection Server environments as well as Backup Exec System Recovery environments with Universal Backup Exec Retrieve.
 - Define recovery point policies for groups of servers or desktops with similar requirements, then simply drag and drop to deploy the policies.
 - Generate predefined reports and export to .csv, .html, Excel® spreadsheet, or .xml formats for easy distribution to IT management.
 - Enable role-based administration for varying levels of administration.
- Set default configuration settings for an individual system or groups of systems, including performance throttling, network bandwidth utilization, and notifications via email or SNMP traps.
 - Jump-start the creation of recovery points on remote systems when jobs are missed.
 - Supports centralized administration of pre-existing Backup Exec System Recovery 7.0 installations.
 - Includes the Backup Exec System Recovery Download Center, an automated Web site for client download and distribution.
 - **New!** Altiris Notification Server 6.5 customers can also manage system backup tasks using Backup Exec System Recovery and the Backup Exec System Recovery Integration Component for Altiris.

Available products

The Symantec Backup Exec System Recovery 8 family includes the following products:

- Symantec Backup Exec System Recovery Server Edition
- Symantec Backup Exec System Recovery Windows Small Business Server Edition (includes the Symantec Backup Exec System Recovery Granular Restore Option)
- Symantec Backup Exec System Recovery Desktop Edition
- Symantec Backup Exec System Recovery Manager
- Symantec Backup Exec System Recovery Granular Restore Option
- Symantec Backup Exec for Windows Servers System Recovery Option (a streamlined, lower-priced version of Backup Exec System Recovery Server Edition designed specifically for Backup Exec for Windows Servers customers)

System requirements

Backup Exec System Recovery 8

Operating system

Microsoft Windows 32-bit or 64-bit operating systems:

- Windows Vista® Home Basic, Home Premium, Ultimate, Business, or Enterprise
- Windows XP Professional/Home (SP2 or later), or Media Center
- Windows 2000 Professional (SP4 or later)
- Windows Small Business Server 2000 or 2003
- Windows 2000 Server/Advanced Server (SP4 or later)
- Windows Server 2003 or 2008

Virtual platforms (for converted recovery points)

- VMware GSX Server 3.1 and 3.2
- VMware Server 1.0 (replacement/rename for GSX Server)
- VMware ESX Server 2.5 and 3.0
- VMware Infrastructure 3 (replacement/rename for ESX Server)
- VMware Workstation
- Microsoft Virtual Server 2005 R2

Backup Exec System Recovery Manager

Operating system

Microsoft OS (with minimum service pack)	Console	Server
Windows Vista Home Basic/Premium, Ultimate, Business	•	
Windows Server 2003 x64 Editions (SP1)	•	•
Windows Server 2003 R2 Editions (SP1)	•	•
Windows Server 2003 (SP1)	•	•
Windows Small Business Server 2003 (SP1)	•	•
Windows Server 2008	•	•
Windows 2000 Advanced Server (SP4)	•	
Windows 2000 Server (SP4) and Update Rollup 1 for SP4	•	
Windows Small Business Server 2000 (SP4)	•	
Windows XP Professional x64 Edition (SP1)	•	
Windows XP Professional (SP1)	•	
Windows 2000 Professional (SP4)	•	

Backup Exec System Recovery Granular Restore Option

Operating system

Windows 32-bit or 64-bit operating systems:

- Windows Vista Ultimate or Business
- Windows XP Professional (SP1 or later)
- Windows 2000 Professional (SP4 or later)
- Windows Small Business Server 2000 or 2003
- Windows 2000 Server/Advanced Server (SP4 or later)
- Windows Server 2003 or 2008

For a full list of system requirements including RAM and hard disk space, visit www.backupexec.com

Data Sheet: Backup and Recovery
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More information

Visit our Web site

www.backupexec.com or www.symantec.com

To speak with a Product Specialist in the U.S.

Call toll-free 1 (800) 745 6054

To speak with a Product Specialist outside the U.S.

For specific country offices and contact numbers, please visit our Web site.

About Symantec


Symantec is a global leader in infrastructure software, enabling businesses and consumers to have confidence in a connected world. The company helps customers protect their infrastructure, information, and interactions by delivering software and services that address risks to security, availability, compliance, and performance. Headquartered in Cupertino, Calif., Symantec has operations in 40 countries. More information is available at www.symantec.com.

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Symantec Backup Exec 12 is the first backup product certified on Microsoft Windows Server 2008 according to Microsoft.

Confidence in a connected world.  **symantec™**