

Symantec Backup Exec™ System Recovery

The Gold Standard in Complete Windows® System Recovery

Overview

Symantec Backup Exec System Recovery 8.5 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, to 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 complete system recovery—even to dissimilar hardware

- **New!** Supports the latest Microsoft 2008 operating system environments
- Recovers complete server, desktop, and laptop systems in minutes
- Flexible off-site protection enhances disaster recovery capabilities

Enhanced virtual conversion capabilities

- **New!** Enables immediate system recovery through scheduled physical-to-virtual conversions
- **New!** Support for the latest virtual environments including VMware® ESX 3.5, Microsoft Hyper-V, and Citrix XenServer 4.x
- Simple, seamless physical-to-virtual and virtual-to-physical conversions

Improved management and enhanced recoverability

- Simplified administration with new centralized management capabilities
- **New!** Preboot, agentless protection of Windows systems through cold imaging technology
- Granular recovery of Exchange, SharePoint®, or files and folders

Innovative multi-product integration with market-leading technologies

- System protection against IT threats with Symantec ThreatCon triggered backups
 - Centrally manage system backup and recovery 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

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Symantec Backup Exec™ System Recovery

reinstall and reconfigure operating systems, applications, system settings, and preferences.

- Symantec Recovery Disk autodetects hardware and loads the appropriate drivers to boot the system, eliminating the need to manually build recovery media.
- 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.
- **New!** Off-site 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.
- **New!** Cold imaging technology enables IT administrators to capture a backup of a system in a preboot state, without having to install any software on the system.
- 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. Additional event triggers include the following: 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 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 resynchronized with its originating domain.
- SNMP traps enable administrators to use existing network management consoles to report on the status of scheduled recovery points.

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 and Microsoft Virtual Server disk formats, now including support for VMware ESX 3.5, Microsoft Hyper-V, and Citrix XenServer 4.x.
- An easy-to-use virtual conversion wizard allows for quick conversion directly to VMDK or VHD files. Additionally, IT administrators can now set a schedule for having physical recovery points (backups) converted to virtual systems, enabling immediate recovery.
- 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)

- Eliminate in-person visits to perform a full bare-metal

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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.
- **New!** In Backup Exec System Recovery Manager, IT administrators can configure off-site copy capabilities and schedule physical-to-virtual conversions for remote systems.
- 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,

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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.
- Centralized administration of pre-existing Backup Exec System Recovery 7.0 and 8 installations is supported.
- Included is the Backup Exec System Recovery Download Center, an automated Web site for client download and distribution.
- **New!** Altiris Notification Server customers can also manage system backup and recovery tasks with the Symantec Backup Exec System Recovery Solution¹.

Available products

The Symantec Backup Exec System Recovery 8.5 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

1. Available November 2008

- Symantec Backup Exec System Recovery Granular Restore Option

System requirements

Backup Exec System Recovery 8.5

Operating system

- Microsoft Windows 32-bit or 64-bit operating systems:
- Windows Vista® Ultimate, Business, or Enterprise
- Windows XP Professional/Home (SP2 or later) or Media Center
- Windows Small Business Server 2000, 2003, or 2008
- Windows Essential Business Server 2008
- Windows 2000 Server/Advanced Server (SP4 or later)
- Windows Server® 2003 or 2008 (including SP1)

Virtual platforms (for converted recovery points)

- VMware ESX Server 2.0, 3.0, and 3.5
- VMware Server 1.0
- VMware GSX Server 3.x (replaced by VMware Server)
- VMware Workstation 4, 5, and 6
- Microsoft Hyper-V
- Microsoft Virtual Server 2005 R2 and later
- Citrix XenServer 4.x

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Backup Exec System Recovery Manager

Operating system

Microsoft OS (with minimum service pack)	Console	Server
Windows Vista Ultimate, Business	•	
Windows XP Professional x64 Edition (SP2 or later)	•	
Windows XP Professional (SP2 or later)	•	
Windows 2000 Server (SP4) and Update Rollup 1 for SP4	•	
Windows 2000 Advanced Server (SP4)	•	
Windows Small Business Server 2000 (SP4)	•	
Windows Small Business Server 2003 R2 Premium	•	•
Windows Server 2003 x64 Editions (SP1)	•	•
Windows Server 2003 R2 Editions (SP1)	•	•
Windows Server 2003 (SP1)	•	•
Windows Server 2008 Hyper-V	•	
Windows Server 2008 Standard, Enterprise, Datacenter		•
Windows Web Server 2008		•

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 (SP2 or later)
- Windows 2000 Professional (SP4 or later)
- Windows Small Business Server 2000, 2003, or 2008
- Windows Essential Business Server 2008
- Windows 2000 Server/Advanced Server (SP4 or later)
- Windows Server 2003
- Windows Server 2008 Standard, including SP1
- Windows Server 2008 Enterprise

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

More information

Visit our Web site

<http://www.backupexec.com> or

<http://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 providing security, storage, and systems management solutions to help businesses and consumers secure and manage their information. Headquartered in Cupertino, Calif., Symantec has operations in more than 40 countries. More information is available at www.symantec.com.

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