

# Symantec LiveState™ Recovery 6.0

Restore systems anytime, from anywhere, to virtually any device

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## Overview

Symantec LiveState Recovery combines the speed and reliability of disk-based, bare-metal Windows® system recovery with revolutionary technologies for hardware-independent restoration and lights-out operation. The result is unparalleled freedom to restore systems anytime, from anywhere, to virtually any device. Symantec LiveState Recovery is part of the LiveState family of Windows lifecycle management products, including provisioning, configuration management, patch management, asset management, and remote control.

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## Benefits

### *Reduces recovery time and costs*

- Restore Anywhere™ Option allows you to rapidly recover entire systems to dissimilar hardware platforms. It even lets you restore recovery points to virtual environments in VMWare.
- Bare-metal restorations can be performed in minutes.
- You no longer need to reinstall and reconfigure operating systems, applications, system settings, and preferences.

### *Eliminates the need for onsite support*

- LightsOut Restore Option enables the recovery of systems in remote or inaccessible locations.
- Centralized management capabilities allow administrators to deploy, modify, and maintain system protection policies from a single location.

## *Ensures high performance and interoperability*

- Network bandwidth throttling reduces network traffic when systems are creating a recovery point to a network storage device.
  - Support for Microsoft® Active Directory® allows a restored domain controller image to be re-synchronized with other controllers in the domain.
  - Automatic generation of SNMP traps enables administrators to use existing network management consoles to report on the status of recovery points.
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## Features

### *Powerful Windows® system recovery*

*(Advanced Server, Standard Server, and Desktop)*

- Captures a system's entire live state including all files, applications, operating systems, and settings in one easy-to-manage file, without disrupting user productivity or application usage.
- Lets you perform a full system restoration or a complete bare-metal recovery in minutes.
- Performance throttling improves performance on desktops and servers to utilize resources more effectively while capturing a recovery point.
- Network bandwidth throttling enables administrators to generate recovery points to network locations without overloading the network.
- Microsoft 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.



- Save recovery points to virtually any disk storage device, including direct attached storage, NAS, SAN, USB drive, FireWire drive, CD, DVD, and so on.
- Scheduled recovery points help ensure systems are enabled for quick recovery while allowing administrators to focus their attention on other tasks.
- Incremental scheduling (not in Standard Server) save time and reduce disk storage requirements by capturing only the changes that were made since the last recovery point.
- Event-driven recovery point (not in Standard Server) automatically creates a recovery point when an event (such as application installation, user logon or logout, or specified change in megabytes of storage) occurs that could threaten a system's stability.
- Symantec Recovery Disk auto-detects hardware and loads the appropriate drivers to boot the system, eliminating the need to manually build recovery floppy disks.
- Interactive remote recovery lets you remotely restore servers and desktops through the embedded Symantec pcAnywhere™ host technology and the included Symantec Recovery Disk.\*
- Symantec Recovery Disk is PXE compatible and can be loaded remotely even in the event of complete system corruption providing additional options for remote bare metal restorations. This may require additional professional services.

\*A full license of Symantec pcAnywhere is required to perform the remote recovery function.

### **Flexible restoration options**

#### *(Restore Anywhere Option)*

- Dissimilar hardware restoration (including different storage controllers and hardware abstraction layers) reduces recovery times and saves significant hardware investments.
- Combines hot imaging with the ability to restore to different hardware platforms on the fly.
- Allows users to migrate their system to a new computer without requiring a new installation. This is useful for upgrading hardware and for repurposing systems to serve a different role.
- Convert system recovery images into VMWare virtual machines and vice versa, giving you greater flexibility in managing recovery environments. This capability also allows you to test patches, application installations, and the like in the virtual environment before applying them to live systems.

### **Easy remote recovery**

#### *(LightsOut Restore Option)*

- Eliminates the need for in-person visits to perform a full bare metal recovery by booting the system from its out-of-band controller.
- Symantec Recovery Disk is placed on the system hard drive, eliminating the need to access it from the CD.
- Allows manual addition of drivers directly to the Symantec Recovery Disk files located in the boot volume subdirectory.

### Efficient management capabilities

#### (Symantec LiveState Recovery Manager)

- Integration with Symantec™ Backup Exec™ environments enables you to create Backup Exec jobs in Symantec LiveState Recovery Manager for the specific locations where recovery points are being stored.
- Home Page Screen provides a consolidated view of the recovery point status for an entire network, including how many devices are enabled for recovery, how many currently have jobs scheduled, how many have missed scheduled jobs, and how many are offline.
- Gives you centralized access to detailed storage information about each computer, such as volume name, size, amount used, file system type, last recovery point time, and last recovery point location.
- Wizards let you define recovery point policies for groups of servers or desktops with similar requirements, then simply drag and drop to deploy the policies.
- Eases regulatory compliance by auto-discovering systems not backed up regularly, providing graphical views of recovery point status, and consolidating audit history information.
- Lets you jump-start the creation of recovery points on remote systems when jobs are missed or not successful.
- Centralized system performance throttling gives you more granular control of local resource utilization when capturing individual system recovery points.
- Centralized control of network resource utilization results in more efficient capture of recovery points.

### Available products

Products in the Symantec LiveState Recovery 6.0 family are sold both individually and in suites, as shown below.

	Advanced Server Suite	Desktop Suite
Symantec LiveState Recovery Advanced Server 6.0	X	
Symantec LiveState Recovery Standard Server 6.0		
Symantec LiveState Recovery Desktop 6.0		X
Symantec LiveState Recovery Restore Anyware Option <sup>1, 2</sup>	X	X
Symantec LiveState Recovery LightsOut Restore Option <sup>1</sup>	X	
Symantec LiveState Recovery Manager 6.0 <sup>1</sup>	X	X

<sup>1</sup> Requires separately purchased Symantec LiveState Recovery client software.

<sup>2</sup> Restore Anyware Option is available for individual purchase for servers only, not desktops.

### System requirements

#### LiveState Recovery

##### Supported operating systems

Windows operating system	Console	Agent
Windows Server™ 2003 <sup>3</sup>	X	X
Small Business Server 2003	X	X
2000 Advanced Server (SP4 or greater)	X	X
2000 Server (SP4 or greater)	X	X
2000 Professional (SP4 or greater)	X	X
2000 Small Business Server (SP4 or greater)	X	X
XP Professional (SP1 or greater)	X	X

<sup>3</sup> Imaging Microsoft Exchange requires Windows Server 2003 SP1 or greater.

#### Processor

- 233 MHz or greater, or as required by the operating system

#### RAM

- Agent/Client: 256 MB required; 384 MB recommended
- Recovery environment: 256 MB required (may not run on shared video memory systems); 384 MB recommended



### Disk space

- Server agent: 90 MB available hard disk space
- Console: 200 MB available hard disk space
- Recovery Point Browser: 40 MB available hard disk space
- Desktop: 235 MB available hard disk space

### Restore Anyware Option requirements

- 512 MB RAM
- 5 MB available hard disk space

### LightsOut Restore Option requirements

- 1 GB RAM
- 525 MB available hard disk space

### LiveState Recovery Manager

#### Supported operating systems

Windows operating system	Console	Server	Client
Windows Server 2003	X	X	X
Small Business Server 2003	X	X	X
2000 Advanced Server (SP4 or greater)	X	X	X
2000 Server (SP4 or greater)	X	X	X
2000 Small Business Server (SP4 or greater)	X	X	X
XP Professional (SP1 or greater)	X		X
Windows NT™ (SP6a with IE 5.5)			X

### Server

- Intel® Pentium® III 1 GHz or greater processor
- 1 GB RAM
- 2 GB available hard disk space (4 GB recommended)

### Console

- Pentium III 1 GHz or greater processor
- RAM: 256 MB plus minimum required for operating system
- 250 MB available hard disk space
- Additional 110 MB hard disk space for Microsoft .NET Framework 1.1, plus 40 MB for the installation program (150 MB total) if .NET Framework is not already installed



### More information

#### Visit our Web site

<http://sea.symantec.com/slsrecovery>

#### Symantec Consulting Services

Through Symantec Consulting Services, you can receive onsite technical expertise from our experienced consultants. Please contact your Symantec Sales Representative for more information or visit the Symantec Consulting Services Web site at <http://sea.symantec.com/services>.

#### 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 the world leader in providing solutions to help individuals and enterprises assure the security, availability, and integrity of their information. Headquartered in Cupertino, California, Symantec has operations in more than 40 countries. More information is available at [www.symantec.com](http://www.symantec.com).

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