Symantec Ghost™ 7.5

Comprehensive PC management for OS deployment, software distribution, user-state migration, back-up, and disaster recovery

Managing today's heterogeneous enterprise environments of connected and mobile PCs poses major challenges for IT managers. Primary among them is the need to control the spiraling costs of setting up new PCs, migrating user desktops, and deploying OS and application updates. By enabling the remote administration of routine tasks such as PC deployment, cloning, changes in configuration settings, user migration, and backup and recovery of disk images, Symantec Ghost 7.5 streamlines the management of networked PCs, dramatically reducing IT costs.

Centralized management and remote capabilities

With Symantec Ghost 7.5, administrators can deploy or restore an OS image or application onto a PC in minutes and then migrate individual user settings and profiles to customize the PC. Robust, centralized management and remote capabilities boost IT productivity and help lower the total cost of ownership (TCO) for networked PCs and workstations. From the Symantec Ghost console, IT managers can remotely clone any Windows NT, Windows 2000, or Windows XP workstation. And they can quickly deploy whole application packages or specific PC changes such as registry changes or desktop settings. Plus, administrators can migrate user "personalities," including PC settings and data. Additionally, they can remotely clone multiple workstations and then quickly configure critical workstation data such as TCP/IP settings and machine, workgroup, and domain names—all from the Ghost central console.

Advanced new PC-management features

Several new features make the latest version of Symantec Ghost a more powerful, versatile, and efficient PC change-management solution. Symantec's Ghost "Remote Boot" Technology eliminates the need to visit PCs in order to install the Ghost client software. The GhostCast Server and GhostCast Throttle enhance deployment flexibility and network bandwidth utilization efficiency. And Client-initiated Tasks allows authorized end-users to securely conduct self-service PC change-management operations, freeing administrators from routine management burdens.

Support for today's latest technologies

Symantec Ghost supports Intel® Wired for Management and Pre-Boot eXecution (PXE) services and it provides full native support for the latest Linux Journal Filesystem, Linux EXT3. The all-new version also supports remote control of the Ghost Console via Microsoft Terminal Server and is Windows 2000 and Windows XP Professional Logo certified, making it the tool of choice for migrating to the latest operating systems from Microsoft.

Symantec Ghost 7.5 provides a comprehensive management solution for Windows 2000 and Windows XP migration, including OS deployment, application distribution, and user settings. As a Windows XP and Windows 2000 Logo Certified solution, Symantec Ghost 7.5 simplifies migrations by providing this functionality remotely from a centralized console.

KEY POINTS

- NEW: Support for Microsoft Terminal Server enhances flexibility and portability
- NEW: Comprehensive native support for the latest Linux® Journal Filesystem, Linux EXT3
- NEW: Ghost "Remote Boot" technology enables remote installation of the Ghost client, eliminating the need to ever visit a client PC
- NEW: GhostCast Server reduces the network traffic associated with Ghost image deployment by enabling three methods of distribution: Unicast, Multicast, and selective Broadcast
- NEW: Client-initiated Tasks empowers a client PC to securely run tasks from a trusted workstation
- NEW: GhostCast Throttle and Configurable Client "heartbeat" enhance network-tuning capabilities
- Reduces cost of ownership with comprehensive PC-management and user-migration toolsets
- Streamlines the deployment of operating systems, application updates, and user settings to desktop and mobile workforces
- Enables a smaller footprint for faster functionality
- Simplifies backup and recovery with Incremental Backup snapshots
- Accelerates migration to Windows 2000 and Windows XP
The PC management tool for IT administrators

Symantec Ghost 7.5 offers many capabilities that make it one of the most comprehensive PC deployment and management tools available for enterprise environments:

- **Ghost "Remote Boot" Technology**: By leveraging an existing Windows network topology, the Ghost Console allows IT administrators to browse for and locate PCs on the network in order to deploy the Ghost client. Once installed, the client can create a "virtual partition" on demand which contains a fully functional Ghost boot environment, thereby eliminating the need to visit the host PC with a boot diskette or deploy a physical boot partition.

- **Ghost User Migration**: Allows IT administrators to completely "Move the User" by capturing user files, directories, and desktop and network settings and easily transferring them from one PC to another.

- **GhostCast Server**: Enables unicasting, multicasting, or the selective broadcasting of Ghost images or software to client PCs, thereby accelerating deployments and reducing network traffic.

- **Ghost Incremental Backup**: Enables administrators to remotely capture and back up incremental snapshots of changes that have occurred since the last Ghost image.

- **Ghost/AutoInstall Integration**: Consolidates application deployment functionality within the Ghost central console, making the customization of software packages and the deployment of updates easy, while reducing the overall Symantec Ghost footprint.

- **Post-configuration Support**: Allows administrators to "inject" post-configuration details onto a client PC with or without the aid of the Ghost Console.

- **Enhanced Gdisk32**: Provides advanced disk partitioning and wiping tools that simplify hard disk management.

- **Includes 3Com® Boot Services™**: IT administrators can take full advantage of 3Com’s network booting and pre-boot management technology to further automate the deployment of Ghost OS and application images and perform desktop disaster recovery. 3Com Boot Services includes PXE, BOOTP and TFTP services, as well as tools to administer boot image files and client boot parameter files.

- **Support for Intel’s Wired for Management Technology**: Allows administrators to introduce new systems to the network remotely.

- **Support for Microsoft’s System Preparation Tool**: Prepares a master computer for Ghost cloning, reducing the number of images that have to be maintained.
Dramatically Accelerate PC Deployment and Migration—And Reduce the Associated Costs

Organizations can spend thousands of dollars per user each year to roll out, maintain, and manage PCs and deploy applications and OS upgrades. As the premier solution for reducing deployment costs, Symantec Ghost 7.5 offers advanced capabilities that make it a powerful PC management solution:

GHOST USER MIGRATION. Administrators can migrate user data and settings from one PC to another within the Ghost console.

- Captures files and directories such as "My Documents" folders
- Migrates desktop settings, including shortcuts, colors, and keyboard mappings
- Preserves network settings such as unique names, SID, and user files

GHOSTCAST SERVER. Provides three methods of image deployment to meet diverse bandwidth requirements.

- Multicast deployment of a single image to many computers simultaneously
- Unicast deployment of a single image to a single client
- Selective targeted broadcast deployments based on the subnet groupings of clients

CLIENT-INITIATED TASKS. A secure, timesaving option for performing tasks from authorized workstations.

- Eliminates the need for administrators to return to the Ghost Server Console to perform tasks
- Enables end-users to perform self-service cloning, application pull tasks, and user setting migrations
- Fully scriptable solution is ideal for shared workstations, library terminals, or Internet kiosks

GHOSTCAST THROTTLE. Enhances network bandwidth utilization during image multicasting.

- Allows administrators to "throttle down" the multicast speed to reduce bandwidth requirements
- "IV-Drip" method improves network performance

GHOST INCREMENTAL BACKUP. Administrators can take incremental snapshots of any PC in order to complement existing recovery plans.

- Backs up only the changes that have occurred since the last Ghost image
- Lays down the Ghost image and the associated "deltas" to restore full functionality
MICROSOFT SYSTEM PREPARATION UTILITY INTEGRATION. For systems where the utility is installed, Symantec Ghost integrates to support the Sysprep tool.

- Creates a unique security identifier to ensure compliance with Microsoft networking
- Detects plug-and-play devices and adjusts for systems with different devices
- Reduces the number of images to be maintained by reducing hardware incompatibilities between images

GHOST/AUTOINSTALL INTEGRATION. Application deployment functionality is integrated into the Ghost console.

- Creates software packages or changes to a PC using "snapshot" technology
- Deploys software and "hot fix" updates simply and easily
- Enables full customization of software packages

The tool of choice for Windows XP and Windows 2000 migration

The key to successful operating system migrations is to budget, plan, and implement an effective deployment strategy that minimizes end-user downtime and IT frustration. By facilitating a quick and easy migration to Windows 2000 or Windows XP, Symantec Ghost helps ensure minimal disruption of network operations, thereby cutting the costs associated with PC ownership and management. And by allowing administrators to focus on other operations such as software deployment and the maintenance of end-user settings and data structures, it's a solution that boosts IT productivity and cuts costs throughout a PC's entire lifecycle.

For more information about Symantec Ghost 7.5, visit www.symantec.com/ghost

SYSTEM REQUIREMENTS
GHOST 7.5

To install the Console:
FOR WINDOWS NT/2000/XP;
- 48 MB RAM (96 MB recommended)
- Pentium Processor
- VGA Monitor

One of the following:
- Windows 2000 SP2 with Internet Explorer 4.0 installed
- Windows NT 4.0 SP6A or above with Internet Explorer 5.0 installed
- Windows XP

To run Ghost.exe, the minimum requirements are:
- IBM PC computer or 100% compatible
- 386 processor
- 8 MB RAM
- VGA Monitor, resolution 640x480
- Microsoft compatible mouse recommended

To support the Symantec Ghost Console client:
- Networked computer with Windows 95/98/2000/ME/XP, or Windows NT 4.0 SP4
- Single boot system
- Can have more than one physical disk, but backup facility supports the first physical disk only
- DOS drivers for network card

To run the Standard Tools the minimum requirements are:
- IBM PC computer or 100% compatible
- 386 processor
- 8 MB RAM
- VGA Monitor, resolution 640x480
- Microsoft compatible mouse recommended
- Microsoft Windows 9x/2000/NT/ME/XP

To support CD writing:
- An additional 6.5 MB RAM above standard Ghost requirements