

# Symantec™ Endpoint Virtualization Suite

## Overview

Historically, reducing endpoint management costs and increasing end-user productivity were diametrically opposed efforts. Today, organizations can optimize both with the Symantec Endpoint Virtualization Suite.

### Lower endpoint management costs

Managing traditional and virtual desktop computing models has spiraled out of control, and the total time and effort associated with managing these complex client computing models have increased significantly. The Symantec Endpoint Virtualization Suite allows organizations to reduce the total cost of ownership (TCO) associated with managing these diverse and complex client computing models. Unlike desktop virtualization infrastructure products provided by vendors such as VMware™, Microsoft®, and Citrix®, the Symantec Endpoint Virtualization Suite is an agnostic virtualization solution that works independently or in conjunction with other desktop virtualization infrastructure products and complements multiple desktop computing models.

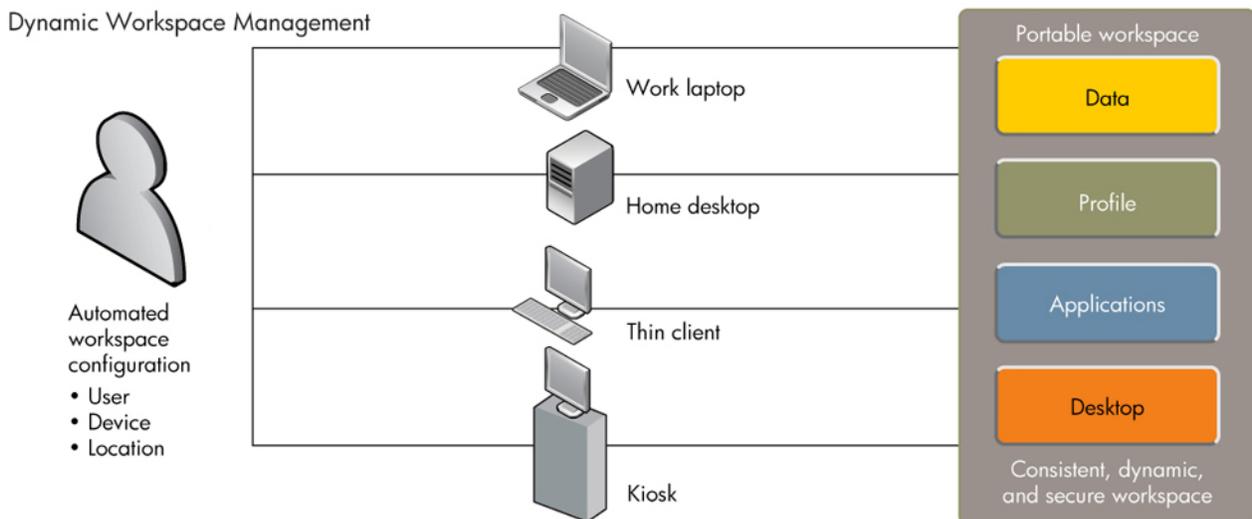
### Increase end-user productivity

End users are more demanding. They need to be productive regardless of location, device, and connectivity method. The Endpoint Virtualization Suite helps satisfy the growing end-user demands for anytime, anywhere, any-device access to their desktops, applications, data, and personal profiles. The Endpoint Virtualization Suite takes a unique end-user-centric approach that builds dynamic workspaces centered on the end-user and their role, device, location, and connection method.

## Portable workspace

The Endpoint Virtualization Suite simplifies the management and delivery of desktop computing by separating the essential components of an end-user's workspace and managing them separately:

- Data (the user's documents)
- Profiles (user-specific customizations to the desktop and applications)
- Applications (assigned for the user to do their job)
- Desktop environment (platform and correct level of access to resources)



By separating the components of a user's workspace, each component becomes simpler to manage, thereby reducing maintenance and support costs. This also creates a portable workspace that enables IT to give their end users flexible access to what they need regardless of what kind of device they use or where, when, and how they access their workspace.

***Easily manage virtual, physical and hybrid environments***

Portable workspace technology revolutionizes endpoint management by creating a platform for simplified management and flexible delivery. With Symantec's portable workspaces, organizations can centrally manage workspaces in physical, virtual and hybrid environments, resulting in:

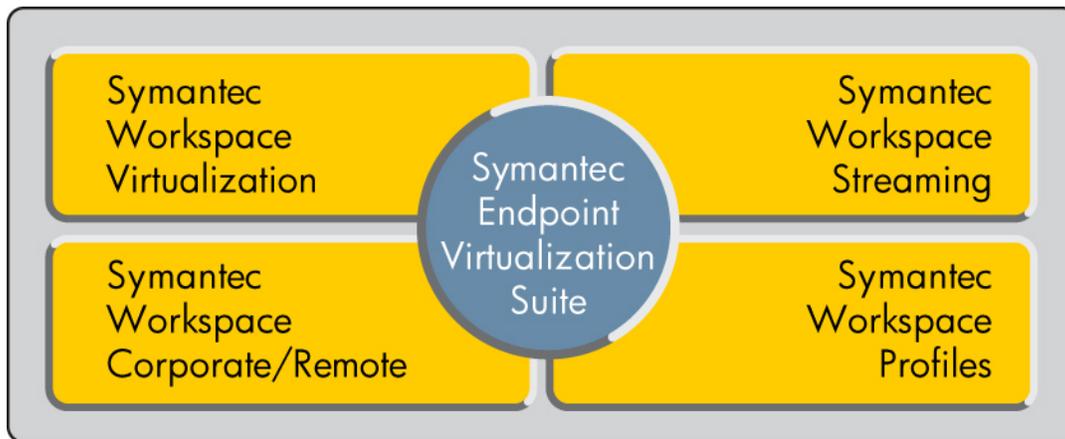
- Reduced maintenance costs
  - Reduced support costs
  - Reduced storage requirements
  - Simplified disaster recovery
  - Improved accessibility
  - Increased end user flexibility and productivity
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**The Symantec Endpoint Virtualization Suite**

The Endpoint Virtualization Suite provides application virtualization, application streaming, desktop brokering, and profile-management technologies. This solution enables IT organizations to regain control of all endpoints by reducing overall management costs and effort, while also providing a complete on-demand workspace platform that improves end-user productivity.

Symantec Endpoint Virtualization Suite is made up of the following products:

- Symantec™ Workspace Virtualization—application virtualization that reduces application conflicts, reducing testing requirements and support calls
- Symantec™ Workspace Streaming—application streaming that allows instant, user driven, on-demand application provisioning with offline cache, proactive license compliance, automatic license recovery, and instant application upgrades
- Symantec™ Workspace Corporate/Remote—provides desktop brokering to remote desktop virtualization solutions (e.g., VMware VDI, Microsoft Terminal Services) including single sign-on, roaming printing, and location awareness
- Symantec™ Workspace Profiles—provides flexibility to move from system to system, while maintaining desktop and application personalization across physical and virtual desktops, and avoiding otherwise typical log-in delays and profile/data corruption issues common with other solutions



### **Symantec Workspace Virtualization**

Formerly called the Altris™ Software Virtualization Solution, Symantec Workspace Virtualization separates and contains applications and data in workspace environments, decoupling them from the OS and other applications, eliminating OS decay over time, and reducing support calls. Virtualized, or “layered”, applications eliminate conflicts between each other and the base OS, reducing testing requirements, easing version migration, and providing instant reset for broken applications.

#### **Key benefits**

- Eliminate conflicts between applications and base operating system
- Reduce application pre-deployment testing requirements
- Provide instant reset for broken applications
- Accelerate application delivery lifecycle

#### **Key features**

- Virtual application layers—patented filter driver technology enables virtual layers that are transparent to the base operating system and other applications
- Selective isolation—ensures system and application compatibility under any circumstance
- Endpoint management integration—Workspace Virtualization is a standard component of Symantec’s Client Management Suite (CMS), Total Management Suite (TMS), Symantec Workspace Streaming (SWS), Software Management Solution, and other products

### **Symantec Workspace Streaming**

Symantec Workspace Streaming is an on-demand application distribution and license management solution that serves the application management needs of enterprise environments, providing high productivity with controlled, guaranteed access to any Windows-based applications from any location at any time, including remote and mobile users.

#### **Key benefits**

- Reduce software license costs
- Simplify application delivery
- Reduce application support costs/disruption
- Improve utilization of existing hardware and software resources
- Simplify application delivery and updates to mobile workforce

### **Key features**

- On-demand application streaming—simplifies OS image management by reducing the number and size of images
- Dynamic license management—proactively ensures license compliance by avoiding over-deployment, and optimizes software costs by re-harvesting licenses when they expire or after a period of disuse
- Single-click application upgrades—upgrade and patch applications quickly and painlessly, or roll back applications to the previous version, if required.

### **Symantec Workspace Corporate/Remote**

Workspace Corporate offers a powerful set of tools to manage centralized computing environments, whether they are Terminal Servers, Virtually Hosted Desktops, Blades or a combination. Workspace Remote provides a feature-rich browser-based interface for the Symantec Workspace Corporate architecture. The solution provides IT staff with a streamlined, automated, and cost-effective way to deploy and support computing resources and users, while facilitating the customer's ability to comply with regulatory requirements for privacy and reporting. Local and remote users get the resources they need, whenever and wherever they need them. Their workspace follows them, and can be accessed from virtually any device.

### **Key benefits**

- Provides anytime, anywhere, any-device access to workspaces
- Streamlines and speeds the process by which users sign in to workspaces and applications
- Locks down the workspace and provides proper level of user access and data security
- Allows unlimited number of people to use the same device in rapid succession and instantly get their own workspace each time
- Delivers workspaces securely through a Web browser both in and out of the corporate environment (remote)

### **Key features**

- Single-Sign-On—personalized workspaces are instantly delivered to users and can even be delivered to unique landing spots deep within the layers of applications
- Secure shell—lock down the workspace and provide the proper level of user access and data security by simplifying the desktop and presenting only those applications and elements users need to perform their jobs
- Roaming printing—as users roam from device to device, Workspace Corporate can direct them to assigned printers based on geographic area, eliminating the hassle of tracking down printers

### **Symantec Workspace Profiles**

Workspace Profiles increases data integrity and reduces lengthy logon times as demands for virtual desktop computing grow. It also provides a more productive, consistent user desktop experience.

### **Key benefits**

- Eliminates data corruption problems
- Reduce lengthy logon times
- Reduces Active Directory server load
- Support for leading virtual desktops

### Key features

- Rapid logon—each time a user logs on to a system, Virtual Profiles automatically accesses and synchronizes the user's data, settings, and policies
  - Data-on-Demand—only the files that a user needs during the session are copied from the server, freeing up network bandwidth and slashing logon times
  - Enhanced user flexibility—painlessly enables settings for any individual user to follow that user—anywhere, anytime, to any desktop in your system
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### System Requirements

- Windows® Vista
  - Windows® XP Professional
  - Windows® XP Home Edition
  - Windows® 2003
  - Windows® 2000
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### *About Symantec*

Symantec is a global leader in providing security, storage and systems management solutions to help consumers and organizations secure and manage their information-driven world. Our software and services protect against more risks at more points, more completely and efficiently, enabling confidence wherever information is used or stored.

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