

For Software Assurance Customers

Microsoft® Enterprise Desktop Virtualization

Microsoft®
Desktop Optimization Pack
for Software Assurance

- Microsoft Application Virtualization
- Microsoft Asset Inventory Service
- Microsoft Advanced Group Policy Management
- Microsoft Diagnostics and Recovery Toolset
- Microsoft System Center Desktop Error Monitoring
- **Microsoft Enterprise Desktop Virtualization**

Microsoft® Enterprise Desktop Virtualization enhances deployment and management of Virtual PC images on a Windows® Desktop while also providing a seamless user experience on a Virtual PC environment independent of the local desktop configuration and operating system. Application-to-OS compatibility issues are minimized, OS migrations are accelerated. Delivery and reconstitution of corporate desktops are made easy, simplifying support tasks, business continuity, and incorporation of heterogeneous IT environments. With Microsoft Enterprise Desktop Virtualization, enterprise IT staff also increases control over corporate laptops while providing users the flexibility needed to maximize productivity.

Microsoft Enterprise Desktop Virtualization is an integral component of the Microsoft Desktop Optimization Pack for Software Assurance, which helps mid-sized businesses make employees more productive by improving the reliability and security of desktops, minimizing end user downtime, and helping mobile users work from any location.

Challenges with Desktop Management

IT is challenged with meeting a series of seemingly opposing desktop needs: increasing IT control over laptops while providing users with greater flexibility; migrating to the latest OS while still supporting legacy applications that run on older OS versions; giving users multiple desktop options without needing to train them on new technologies.

Microsoft Enterprise Desktop Virtualization can help you meet all of these needs, while simplifying desktop deployments and management, and enhancing user productivity. It transforms operating systems into centrally managed services that are available whenever and wherever users need. With Microsoft Enterprise Desktop Virtualization, you can easily deliver and manage corporate Virtual PC images on any device using Microsoft Virtual PC, and help employees work productively from any location.

Microsoft®
**Enterprise Desktop
Virtualization**

→ Improving end user productivity and mobility with easily managed Virtual PCs

Microsoft Enterprise Desktop Virtualization: Advantages

Microsoft Enterprise Desktop Virtualization enables your IT staff to:

- Easily deploy managed Virtual PCs to any desktop device, enhancing productivity for mobile users.
- Deliver stable virtual desktops, and speed user adoption of desktop virtualization by making Virtual PCs “invisible” to users.
- Drive business continuity by rapid reconstitution of corporate desktops.
- Accelerate migration to Windows Vista® by minimizing application-to-OS compatibility issues.
- Eliminate historic trade off between IT control and user flexibility by applying policies in locked down corporate Virtual PCs while also allowing users to run personal applications on their desktops and laptops.
- Reduce IT investment in desktop image management by delivering virtual images independent of hardware or local desktop configuration.

Microsoft Enterprise Desktop Virtualization

Microsoft Enterprise Desktop Virtualization: Features

Reduce PC down time, increase helpdesk effectiveness

- Eliminate OS conflicts that hinder end user productivity by detaching the user desktop from specific hardware.
- Provide stable virtual desktop environments for end users and simplify user adoption through seamless UI between Virtual PC and the host OS. Users can launch virtual applications from Start Menu or shortcuts, appearing side-by-side with native desktop applications. Administrators can define web sites (i.e., corporate intranet) to automatically launch with a virtual browser.
- Ease IT support and troubleshooting for Virtual PCs on desktops by centrally monitoring client status and activity, and remotely watching for malfunctions and errors, and reverting Virtual PCs back to base image for immediate resolution of several desktop malfunctions. This reduces helpdesk requirements and end user downtime.
- Minimize training required for deploying Virtual PCs by making virtualization "invisible" for end users.

Ensure users are working with most current applications and OS

- Accelerate deployment of Windows Vista and applications, and enable both new and old OS to run concurrently on the same desktop by eliminating application-to-OS compatibility issues.
- Virtual images are retrieved by the client using a standard web infrastructure, keeping users updated with the most recent corporate build without interrupting them. Advanced de-duplication technology accelerates downloads of initial and updated Virtual PC images over LAN or WAN.

Lower the cost of deploying and supporting mobile systems

- Desktops are easily delivered on a DVD / USB key for deployments on unmanaged PCs.

- Easily replace hardware, assign new computers, or assign users to existing computers.
- Automate common, time-consuming IT tasks for deploying or rebuilding PCs—initial network setup, DNS synchronization, assigning of unique computer name, and joining to the Active Directory® domain.
- Enable corporate virtual PC image to run on any desktop, regardless of existing user hardware, OS, applications and settings.

Improve reliability and reduce risk while spending less time managing desktops

- Easily apply policies and usage permissions to Virtual PCs, centrally enforced per users/groups.
- Enable policy for data residing on the Virtual PC for inbound/outbound copy-paste and file transfers and disabling Virtual PC access to physical devices such as USBs and CDs.
- Drive cost-effective business continuity by quickly reconstituting corporate desktops, regardless of location or hardware.
- Deploy the latest version of Windows and applications without having to do expensive and lengthy application-to-OS compatibility testing.
- Associate Virtual PCs to Active Directory users and groups, enabling provisioning of Virtual PC images by user role, affiliation or dynamic business needs.

Microsoft Enterprise Desktop Virtualization combines with five other tools to make the Microsoft Desktop Optimization Pack for Software Assurance, which delivers dynamic desktop solutions. These are: **Microsoft Application Virtualization**, which reduces downtime by helping eliminate PC application installation issues; **Microsoft Diagnostics and Recovery Toolset**, which quickly repairs and removes malware from PCs; **Microsoft Asset Inventory Service**, which translates software inventory into business intelligence; **Microsoft Advanced Group Policy Management**, which drives the right security settings to desktops; and **Microsoft System Center Desktop Error Monitoring**, for proactively correcting and preventing PC crashes and hangs.

To learn how Microsoft Enterprise Desktop Virtualization and the Microsoft Desktop Optimization Pack for Software Assurance can help you, please visit <http://www.windowsvista.com/optimizeddesktop>.

Customer Impact:



Improve productivity for local and mobile end users and reduce risks associated with desktop management.

Microsoft Desktop Optimization Pack for Software Assurance