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 (MED-V) enhances deployment, management and user experience for Virtual PC images on a Windows® Desktop, independent of the local desktop configuration and operating system (OS). MED-V leverages Microsoft Virtual PC to provide an enterprise solution for desktop virtualization, streamlining OS upgrades, and increasing IT control and user flexibility in enterprise environments.

Microsoft Enterprise Desktop Virtualization is an integral tool in the Microsoft Desktop Optimization Pack, a dynamic solution available to Software Assurance customers that helps reduce application deployment costs, enable delivery of applications as services, and better manage and control enterprise desktop environments.

Challenges with Desktop Management

IT is challenged with meeting a series of seemingly opposing desktop needs: increasing IT control over laptops; 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 needed. With Microsoft Enterprise Desktop Virtualization, you can now easily deliver and manage corporate Virtual PC images using Microsoft Virtual PC.

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➔ **Dramatically simplifying deployment and management of Virtual PCs**

Microsoft Enterprise Desktop Virtualization: Advantages

Microsoft Enterprise Desktop Virtualization enables enterprise IT staff to:

- **Accelerate the upgrade path to new Desktop OS** by running legacy applications in a virtual PC that runs a previous version of the OS (e.g., Windows XP or Windows 2000). Applications that cannot be installed or have not been fully tested on the new version of the OS can continue to operate in their native, supported environment.

- **Simplify IT integration of new subsidiaries** by running two IT environments concurrently—i.e. the corporate one and the acquired company's one

- **Drive business continuity** by rapid reconstitution of corporate desktops

- **Speed user adoption** of desktop virtualization by making Virtual PCs "invisible" to users

- **Reduce IT investment in desktop image management** by delivering virtual images independent of hardware or local desktop configuration

Microsoft Enterprise Desktop Virtualization: Features

Control Access to Virtual PCs

- Require users to authenticate using valid Active Directory credentials prior to accessing the virtual desktop.

- Apply corporate policies and usage permissions to Virtual PCs, centrally enforced per users/groups.

- Centrally manage corporate data residing on the Virtual PC by granting permissions for copy-paste and file transfers

Increase Helpdesk Effectiveness

- Ease IT support and troubleshooting for Virtual PCs on desktops by centrally monitoring client activity, and remotely watching for malfunctions and errors.

- Revert Virtual PCs back to base image for immediate resolution of severe desktop malfunctions with minimal downtime.

Quickly Integrate New Technology

- Minimize training required for deploying virtual PCs by making virtualization "invisible" for end users. Users can launch virtual applications from Start Menu or shortcuts, appearing side-by-side with native desktop applications. Administrators can define web sites (e.g. corporate sites that require a previous version of the browser) to automatically launch within the virtual environment.

- Simplify deployment of Virtual PCs across diverse desktop setups by adjusting the amount of RAM allocated for the Virtual PC according to available RAM on the endpoint.

Simplify Virtual Desktop Management

- Virtual images are delivered to the client using a standard web infrastructure, or via DVDs. The image update infrastructure keeps users updated with the most recent corporate build without interrupting users.

- Advanced de-duplication technology accelerates downloads of initial and updated Virtual PC images over the network.

- Centralize virtual PC image management in a single repository.

- Automate common, time-consuming IT tasks for deploying or rebuilding PCs—initial network setup, DNS synchronization, assignment of unique computer name, and joining to the Active Directory domain.

Enable a Dynamic Enterprise

- Provision virtual OS environments on demand to end users according to user role, affiliation or business needs.

- Run corporate Virtual PC images in heterogeneous desktop environments—regardless of existing user hardware, OS, applications and settings.

- Easily replace hardware, assign new computers, and assign new users to existing computers.

Microsoft Enterprise Desktop Virtualization combines with five other tools to make the Microsoft Desktop Optimization Pack for Software Assurance, which delivers dynamic desktop solutions: **Microsoft Application Virtualization,** which dynamically streams applications as a centrally managed service; **Microsoft Asset Inventory Service,** which translates software inventory into business intelligence; **Microsoft Diagnostics and Recovery Toolset,** powerful tools to accelerate desktop repair, recovery, and troubleshooting of unbootable Windows®-based computers; **Microsoft Advanced Group Policy Management,** which enhances Group Policy through change management tools; and **Microsoft System Center Desktop Error Monitoring,** which enables proactive problem management by analyzing and reporting on application and system crashes.

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:** 💲
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> Accelerate OS migration; lower desktop deployment, management and change costs by adopting desktop virtualization, and reduce many of the steps needed to incorporate virtual desktops in an enterprise environment.

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