

Microsoft

DESKTOP VIRTUALIZATION

Microsoft® desktop virtualization encompasses a broad set of technologies that empower companies to address their unique business, IT, and end user challenges while preserving their existing IT infrastructure investments. For customers moving to Windows® 7, desktop virtualization can significantly simplify the migration process and reduce the cost of deployment.

With offerings to virtualize the application, data, and Windows operating system (OS) layers, companies can choose the technologies that allow them to best optimize and manage their desktop infrastructure for different user scenarios.

Customers new to desktop virtualization may begin by virtualizing applications and user data to help immediately reduce operational costs and standardize the desktop environment. In most cases, virtual applications can be applied across multiple form factors including physical desktops, Remote Desktop Services (RDS), and virtual desktop infrastructure (VDI), saving time and resources. Then they can evaluate the desktop virtualization technologies at the OS layer. By introducing new deployment methods, these solutions are particularly valuable for increasing business flexibility.

Microsoft Offers Your Business:

- Flexibility of choice to meet your business needs today and enable your future desktop strategy
- A lower total cost of ownership when using virtual applications
- Integrated management through a single pane of glass
- Deep experience and management in the enterprise, from the desktop to the datacenter, for physical and virtual environments



Why Consider Desktop Virtualization?

- ✓ Reduce total cost of ownership
- ✓ Increase business agility and continuity
- ✓ Enable anywhere access
- ✓ Improve security and compliance

Customer Results

“Windows 7 has proven to be very stable and to work well with our virtualized applications. We plan to use Microsoft System Center Configuration Manager 2007 R2 and App-V to help us automate our Windows 7 deployment to 10,000 computers beginning in March 2010.”

SEBASTIAN HÄMPELIT, MANAGER, STEINBUCH CENTRE FOR COMPUTING, KARLSRUHE INSTITUTE OF TECHNOLOGY

“By putting in VDI centrally, we no longer have to replace 1,200 desktops that had reached the end of their life cycles—it would have been a time-consuming and expensive project.”

COLIN FITZSIMONS, SENIOR SYSTEMS ENGINEER, LANCASHIRE CONSTABULARY

IT Challenges and Priorities

In today's business environment, companies are challenged to address a wide variety of frequently conflicting questions and concerns in their organizations.

Evolving end user needs, economic uncertainty, and compliance and regulatory pressure further exacerbate these issues.

Managing these challenges effectively and coming up with workable, creative solutions will ultimately help to make businesses more successful.

Today's Customers:

- Need a comprehensive virtualization strategy for today and into the future
- Want one tool to manage their physical and virtual assets — from the desktop to the datacenter
- Require a solution that maximizes their existing IT investments

Desktop Virtualization Solutions



User Data, Settings

Enable users to access their data from anywhere, at any time.

Microsoft User State Virtualization

- » For All Desktops
 - Lets users access their data and settings from anywhere, at any time
 - Provides easier recovery from PC failure and theft
 - Simplifies IT management of user data and settings



Applications

Deliver applications on demand to users.

Microsoft Application Virtualization (App-V) or RemoteApp

- » For All Desktops
 - Reduces regression testing, application deployment time, and application updates with App-V
 - Delivers server consolidation when using App-V for RDS
 - Provides maximum flexibility by making applications available from anywhere, at any time



Operating Systems

Deploy a single image across physical and virtual environments, and speed migration to Windows 7.

Microsoft Virtual Desktop Infrastructure with Remote Desktop Services

- » For Connected Desktops where Personalization Is Important
 - Gives users anywhere access to their personalized Windows-based desktops, hosted in the datacenter
 - Increases security and data protection, while also improving business agility and continuity
 - Can be particularly effective for:
 - + Providing a managed desktop to unmanaged devices
 - + Centralizing desktop management for remote locations
 - + Task worker scenarios
 - + Desktops that demand high levels of security and compliance

Session Virtualization* with Remote Desktop Services

- » For Connected Desktops where Personalization Is Less Important than Scalability and Control
 - Delivers session-based desktops or applications with high user density
 - Best suited for low complexity or task worker scenarios
 - Requires less hardware and server management than VDI

Microsoft Enterprise Desktop Virtualization (MED-V)

- » For Desktops with App-OS Compatibility Issues
 - Enables companies to deploy Windows 7-based desktops without having to worry about application compatibility
 - Runs applications locally a Windows XP-based Virtual PC
 - Provides companies with the ability to run two operating systems on one device, adding virtual image delivery, policy-based provisioning, and centralized management

Deploy Integrated Management with System Center

System Center delivers the integrated management tools necessary for managing physical and virtual environments through a single console.

Improve Solution Delivery with Citrix XenDesktop 4

Microsoft recommends enterprises use XenDesktop with its desktop virtualization platform. XenDesktop extends the Microsoft platform to offer rich enterprise functionality for multiple types of virtual desktops and applications.

Resources

For more information on Microsoft desktop virtualization, please visit:
<http://www.microsoft.com/virtualization>

For more information on Citrix, please visit:
<http://www.microsoft.com/virtualization/en/us/partner-profile-citrix.aspx>
<http://www.citrix.com/xendesktop>

For more information on Microsoft VDI, please visit:
<http://www.microsoft.com/vdi>

For more information on Microsoft System Center, please visit:
<http://www.microsoft.com/systemcenter>

For more information on Windows Server 2008 R2, please visit:
<http://www.microsoft.com/windowsserver2008>

For more information on Remote Desktop Services, please visit:
<http://www.microsoft.com/rds>

For more information on Windows 7, please visit:
<http://www.microsoft.com/windows/windows-7>