Enterprises today are facing a serious desktop dilemma. End users increasingly need the freedom and flexibility to access their applications and data from a multitude of devices and locations. Unfortunately, this need is driving up costs for IT organizations as they attempt to balance user needs with financial constraints, internal policies, and compliance requirements.

**Problem: Device Centric Computing**

Multiply this across all of the possible configurations in an organization and you quickly have an unmanageable environment that leads to compliance and security risks, increased budget needs and poor SLAs.

Today’s computing environments require the move to user centric computing whereby users may obtain access from anywhere via any device, any operating system, are able to freely install applications as needed, obtain high availability of their computing environment, and receive immediate responses to requests for IT services.

**Solution: User Centric Computing!**

Dell and VMware’s goal is to offer a flexible computing solution; inclusive of the OS, application, personalization and managed hosted virtual desktop services offerings; that leverages a customer’s existing investment in their VMware virtualized datacenter infrastructure while providing a seamless, more cost effective, automated, secure, and controlled solution for their client platforms.

This end-to-end Dell / VMware solution allows customers to extend powerful business continuity, disaster recovery and cloud delivery features to their desktop infrastructure and standardize on a common platform from the desktop to the datacenter to the cloud.

As part of Dell’s Flexible Computing Initiative, Dell’s Virtual Remote Desktop solution delivers virtual desktops, hosted on a VMware vSphere™ server(s) in the datacenter, remotely to the end user.

Dell and VMware are delivering a complete flexible computing solution that leverages complete integration and certification across the entire solution stack: PowerEdge™ servers and EqualLogic™/EMC storage, certified FX 160 and FX 100 thin client platforms, joint reference architectures and complete ProConsult™ services for VMware (VMware View™ and vSphere).
Transform Desktop Management and Provide the Best User Experience

VMware View is the leading desktop virtualization solution built for delivering desktops as a managed service – from the platform to the protocol. This solution enables enterprise IT to manage operating systems, applications and user persona independently of each other. This simplifies desktop management, reduces desktop operational costs and increases control for IT while providing end users with flexible access and a superior desktop experience. Dell and VMware deliver Virtual Remote Desktop solutions across a wide range of user environments such as:

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<tr>
<th>Healthcare</th>
<th>Education</th>
<th>Remote and Branch Offices</th>
<th>Windows 7 Migration</th>
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<tr>
<td>• Provide continuity of care by decreasing downtime and improve reliability with business continuity and disaster recovery.</td>
<td>• Allow users to access any application from any desktop in any campus lab</td>
<td>• Take virtual desktops offline to run locally for offices with inconsistent network connectivity</td>
<td>• Reduce high costs, and application compatibility with OS migrations</td>
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<td>• Keep patient data and information secure and protected in the datacenter and deliver desktops as a service.</td>
<td>• Provide a discipline-specific desktop profile based on a given user’s login profile</td>
<td>• Remove the need of IT infrastructure and resources at branch offices</td>
<td>• Flexibility in choosing end user access devices to new Win 7 images</td>
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<td>• Improve caregiver flexibility and mobility with a desktop that can be accessed anywhere, anytime using multiple devices.</td>
<td>• Enable students to bring their own laptop computers and receive an environment that is fully virtualized and is accessible either on or off campus</td>
<td>• Manage remotely – desktops centralized at branch or in corporate datacenter</td>
<td>• Reduce application conflicts and costly application porting</td>
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A common VMware View / Dell implementation
### New Features and Benefits in VMware View 4.5

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<tr>
<th>Feature</th>
<th>Benefit</th>
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<tr>
<td>Windows 7 support</td>
<td>Enable enterprises to migrate to Windows 7 at double the speed and half the cost of a traditional physical Windows 7 migration. Includes full support for Windows 7 as a client access platform or virtual desktop operating system.</td>
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<td>Local Mode (formerly Offline Mode)</td>
<td>Download virtual desktops onto physical PC or laptop and execute locally. Security policies remain intact and only changes are checked back into datacenter.</td>
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<td>Persona Management</td>
<td>Centrally manage user profiles and keep persistent while tightly managing underlying desktop images and applications.</td>
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<tr>
<td>ThinApp Entitlement</td>
<td>Easily entitle ThinApp applications from View Manager to pools or individual desktops. Locally install on desktop image or stream from shared drive.</td>
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<td>Kiosk Mode</td>
<td>Allow multiple users to share a published virtual desktop from a kiosk--no need to launch virtual desktop first in order to access applications.</td>
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<tr>
<td>View Manager Administrative Capabilities</td>
<td>Includes new scalable admin user interface, role-based administration and platform extensibility to leverage third-party management tools such as Microsoft SCOM.</td>
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How does VMware View Work?
Today's client computing environment links together desktop components—hardware, operating system, applications, user profile and user data—in ways that are difficult to support and maintain. As a result, a problem at one layer often causes a chain reaction that can destroy the entire desktop, and make recovery of locally stored user data and settings very difficult and costly for IT organizations.

VMware View uses a user-centric computing model that breaks the bonds between the desktop and associated OS, applications and hardware, and dynamically assembles and delivers desktops and applications to users with a personalized view of their individual desktop. By encapsulating the desktop OS, applications and user data into isolated layers, VMware View enables IT staff to change, update and deploy each component independently for greater business agility and improved response time. The result is a more flexible access model that improves security, lowers operating costs and simplifies desktop administration and management.

VMware vSphere 4 for Desktops
VMware vSphere serves as the platform for VMware View 4.5, and as a result, IT organizations can extend the benefits of industry-leading virtualization to the desktop. Integrating desktop infrastructure with VMware vSphere provides unified management and a host of features that improve performance, reliability and business continuity, including:
- The ability to group servers, which host virtual desktops, together for redundancy and eliminate single point of failure.
- Consolidated Backup centralizes backup for desktop virtual machines.
- Automated failover and recovery to keep desktops running nonstop.
- Dynamic load balancing for desktop computing resources.

Dell Virtual Remote Desktop (VRD) with VMware View Benefits

Familiar End-User Experience
- Able to satisfy the broadest range of users—from the basic task worker to the knowledge worker, across multiple devices and networks
- Instant Application compatibility: run off-the-shelf applications
- No end-user training required.
- VMware View PCoIP display protocol provides a superior end user experience over any network
- Ability to choose HW or SW configuration to meet every use case
- Access to local printers, USB devices and other peripherals.

Centralized Desktop Management
- Manage all desktops centrally in the datacenter
- Provision desktops to new users or new departments in minutes
- Provide a common platform to manage all desktops and servers

Secure Remote Access and Session Mobility
- Mitigate risk of data loss by keeping all data centralized in the datacenter
- Securely access desktop, via built in SSL encryption, from anywhere on a wide array of devices
- Secure remote access from trusted and un-trusted devices

Comprehensive Dell Services and Support
- Comprehensive, yet flexible and modular
- Leverages innovative tools and automated analysis to help customers understand and optimize their environments
- Single point of contact for all hardware and software support

Dell and VMware Enable Your Transition to the ‘Next Generation’ of End-User Computing
VMware and Dell provide a unique set of capabilities and services to help you make the transition to the next generation of end-user computing. VMware View 4.5 provides the technology platform, with such capabilities as PCoIP and vSphere support, which makes delivering and managing virtual remote desktops an appealing alternative to traditional device-centric computing models. Dell optimized, purpose built client hardware (OptiPlex FX160, FX100), server hardware (40+ PowerEdge platforms certified for VMware), storage hardware (EqualLogic & EMC), and Dell professional services deliver the end-to-end components required to deliver a VMware View deployment in any environment.

VMware View 4.5 is the only tightly integrated end to end solution purpose-built for delivering desktops as a managed service creating simplified and automated desktop workflows, reduced operational costs, and increased control for IT while providing end users a flexible and rich total desktop experience regardless of device, network or use case.

Find Out More
For information, go to www.vmware.com/dell or www.dell.com/vmware