

VMware View 4 for Healthcare

Improve Clinician Workflow

AT A GLANCE

VMware View™ 4 streamlines desktop and application management, accelerates provisioning and improves security through centralization, resulting in an immediately accessible, always available desktop for healthcare providers. VMware View enables healthcare organizations to quickly respond to changing needs while reducing cost and complexity.

BENEFITS

- Increase healthcare professional's mobility with immediate flexible access to virtual desktops and applications from any device, regardless of location
- Improves data security and ability to comply with regulations such as HIPAA, PHIA, and SOX by centralizing all data and applications in the datacenter behind corporate firewalls
- Reduces the total cost of managing applications and desktops by simplifying provisioning and upgrades
- Ensures continuity of care by providing a highly available desktop with built-in disaster recovery and business continuity

How is VMware View Used in Healthcare Organizations?

Healthcare providers have unique desktop environments that range from "Workstations on Wheels" to nursing stations in high-traffic areas, to patient registration kiosks. Providers face considerable challenges managing and updating the desktop software and hardware while keeping desktops secure and meeting regulatory requirements. They must also manage clinical and non-clinical applications such as EMR/EHR, PACS/RIS, Revenue Management and others.

VMware View 4, the most widely deployed and trusted desktop virtualization solution, helps healthcare providers spend more time with patients and less time worrying about the availability of their desktops and applications, while keeping patient information secure. The solution enables:

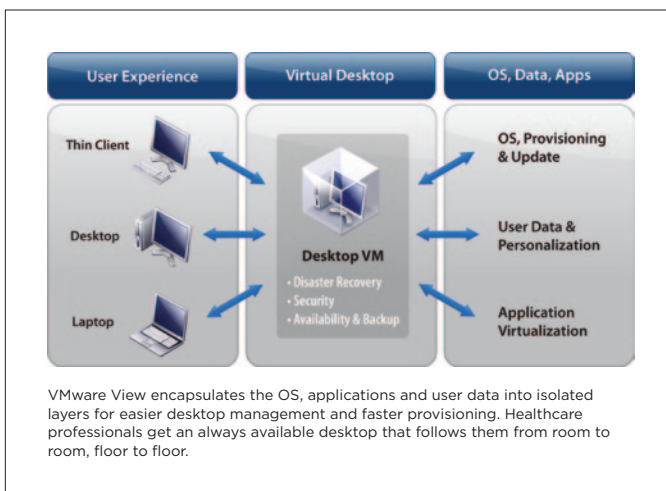
- Doctors, nurses and clinicians to retrieve critical patient records at any time, regardless of device or location
- Single sign-on (SSO) for quick and secure access to clinical applications and patient data
- Quickly roll out new services such as EMR/EHR applications
- Enhanced application compatibility with a real Windows desktop instead of a multiuser environment
- Simplified desktop and application management
- Reduced desktop maintenance and support costs
- Increased security and reduced risk of theft
- High availability for desktops for maximum uptime
- Rapid application and desktop provisioning and updates

How Does VMware View Work?

Built on the industry-leading VMware vSphere™4 virtualization platform, VMware View is a comprehensive solution that provides healthcare providers with individual views of their data and applications any time, any place. It does this by separating and isolating applications, operating systems and user data from the underlying desktop hardware so they can be managed and updated independently, saving valuable time and resources. With VMware View, virtual desktops run as virtual machines on powerful servers in the datacenter and are dynamically assembled on demand. VMware View is a tightly integrated solution that includes the following components for an optimized virtual desktop environment:

• VMware vSphere 4 for Desktops

Extend the enterprise features such as high availability and fault tolerance to your desktops. No need to purchase expensive clustering solutions, now you have an instant disaster recovery and business continuity solution for your desktop.



• **VMware View Manager 4**

Use a single console to create, manage, provision and set policies for virtual desktops. All end-user connections are secure and encrypted from the endpoint to the datacenter. Connect users to virtual desktops on VMware vSphere, Blade PCs or Windows Terminal Servers.

• **VMware View Composer**

Easily manage hundreds or thousands of desktops from a single image and reduce storage costs up to 70 percent. Using linked clones, desktops can be patched or updated through View Manager simply by updating the parent image, without affecting users' settings, data or applications.

• **VMware ThinApp™4**

ThinApp application virtualization software separates applications from operating systems and encapsulates, allowing multiple versions of applications to run on a single desktop without conflict or even applications that require different operating systems on the same desktop. ThinApp applications can be run from a shared network drive and centrally managed so all users are updated at once with no disruption.

Healthcare Benefits

Healthcare providers face many challenges as they attempt to provide quality patient care. The need for continuous access to patient data and applications must be balanced with ongoing concerns over security and regulations. VMware View solves many of these challenges by enabling a secure, mobile, always-on desktop computing model that is faster to provision and easier to manage.

Quickly Provision new desktops and manage the entire desktop population

VMware View provisions users, not physical devices. Virtualization eliminates the need to install or manage physical desktop devices. Virtual desktops and applications are run in the datacenter where they are much easier and less costly to test, provision, manage and support. Remote offices and clinics can be managed and maintained from a central location, eliminating the need for onsite IT services. Upgrades are seamless, and new applications can be rolled out immediately at the server level.

Provide continuous and immediate access to caregivers desktops and applications

Deliver personalized desktops to healthcare providers as a continuously available service to any access device throughout a hospital or clinic. With VMware View, virtual desktops are always on; no time is lost waiting for machines to boot up. Healthcare providers simply enter their usernames /passwords or use a proximity or smartcard to access to their personalized desktops, including all applications and data.

Meet privacy and information regulations

Regulatory mandates and security audits require healthcare organizations to retain, protect and control patient data. VMware View centralizes desktops and applications so the data never leaves the datacenter and IT staff maintains control over sensitive data. VMware View also extends the business continuity and disaster recovery features of VMware vSphere to the desktop, and creates log files for accountability to help maintain audit trails and demonstrate regulatory compliance.

Create desktops that follow the caregiver from room to room, floor to floor

VMware View safely relieves clinicians of finding and configuring their PC applications and sessions as they move from room to room. Virtual desktops run in the datacenter on powerful servers that are accessible anytime, anywhere. Once users' credentials are validated, their desktop sessions appear immediately on the chosen access device – regardless of where they are in the hospital.

Minimize retraining on new computing interfaces

Regardless of the access device used, VMware View delivers a consistent, familiar user interface, eliminating the need to retrain healthcare providers on new systems. Providers have immediate access to a complete, unmodified desktop environment, with all data and applications instantly available anywhere throughout the hospital or clinic.

24x7 Basic and Production Support

VMware offers enterprise-class support to all VMware View customers. For customers that require additional services, VMware also offers a two-day jumpstart engagement on best practices and getting started with your VMware View deployment. Visit VMware software and services at www.vmware.com/services or contact your local VMware representative.

Find Out More

For information or to purchase VMware products, call 1-877-4VMWARE (outside of North America dial +1-650-427-5000), visit www.vmware.com/products, or search online for an authorized reseller. For detailed product specifications and systems requirements, please refer to the VMware View install and configure guide.

