CLIENT VIRTUALIZATION SOLUTIONS FOR HEALTHCARE DELIVER ENHANCED CLINICAL PRODUCTIVITY AND PATIENT DATA SECURITY

Protect data and improve clinical outcomes with Dell, VMware and Intel® solutions

SOLUTIONS DESIGNED FOR HEALTHCARE

Healthcare organizations today are under constant pressure to improve patient care and enable greater productivity. To achieve this, clinicians need to have quick access to the medical applications and patient data to make timely decisions while protecting patient data privacy and ensuring HIPAA compliance.

With Dell, VMware and Intel® as your technology partners, you can achieve these objectives by delivering client virtualization for clinicians. This approach provides a simplified, streamlined way to access all applications, services, and resources across all devices. End-to-end client virtualization solutions with VMware Horizon on Dell 13G PowerEdge servers, powered by Intel® Xeon® processors, streamline infrastructure, simplify management processes, and deliver secure, powerful virtual desktops and applications without compromising patient information on physical devices.

PROTECT PATIENT DATA AND ENSURE HIPAA COMPLIANCE

Lower the risk of patient data breaches and mitigate HIPAA compliance risk by centrally storing sensitive information in the datacenter and securing endpoints. VMware Horizon along with Dell infrastructure delivers the end-to-end solution you need to ensure patient data is securely stored within the datacenter at all times. Additionally, role-based contextual policies can ensure that client-side desktop features like clipboard, USB, printing and client drives cannot be exploited to download or steal patient information.

Clinicians can quickly and securely access the medical applications and patient data they need through virus-resistant thin clients that support role-based information delivery and multifactor authentication. These solutions also allow healthcare professionals to use tablets without risk of data breach.
ENHANCE CLINICAL PRODUCTIVITY

Empower clinicians to provide better patient care by facilitating on-demand access to medical applications and patient data anytime, anywhere. Clinicians benefit from reduced log-in times through single sign-on, session continuity between different endpoints, and “follow-me” printer capabilities.

SIMPLIFY IT OPERATIONS

Standardize and simplify IT processes to reduce desk-side visits, minimize downtime and patch environments efficiently. IT can resolve issues quickly and dynamically provision user applications and data. This allows your IT staff to focus on more strategic projects that drive greater benefits to your organization. Dell's appliance approach to infrastructure allows IT to stand up infrastructure faster with simplified management resources, improving IT efficiency and allowing resources to be proactive versus reactive.

IMPROVE PATIENT CARE

When up-to-date patient information is readily accessible on any device, patient care can be dramatically improved through faster decision-making, accelerated time-to-care, reduced lengths of stays and a potential reduction in duplicative tests. Depend on VMware Horizon with Intel® Xeon® processor-powered 13G PowerEdge servers to ensure that clinicians have all their critical patient care data at their fingertips. When coupled with Wyse thin and zero clients, the security of this data is further assured.

KEY BENEFITS

Simplified, Rapid Deployment of Desktop Pools with cloud-like economics and elasticity of scale. Deliver pristine, non-persistent desktops that retain user persona, approved applications, and customization between sessions.

Intelligent, Contextual Policy enabling IT to improve client virtualization security posture with fine grained control of virtual desktop client side features like USB access, printing, clipboard and client-drives.

Radically Faster Application Delivery and lifecycle management with unified application and user management. Simplify desktop image management, reduce storage footprint, and drive down IT costs by up to 70%.

Real-time User Personalization/Roaming creates the experience of a dedicated, persistent desktop, using a one-to-many non-persistent infrastructure, helping save money on the infrastructure needed to run an environment, while maintaining user flexibility and mobility.

Integrated Identity Management and mobile device security through multifactor authentication and Single Sign-On (SSO) that enables end users to securely access data and applications from any device, at any time, while helping ensure pervasive security from datacenter to desktop.

Faster time-to-value: With appliances from Dell and VMware, IT resources are able to rapidly deploy, scale and manage client virtualization environments that are secure and deliver consistent performance from the first to last virtual session.

Longer lifecycle: Save money and avoid expensive recertification costs with an eight-year endpoint refresh lifecycle, featuring components designed to require few changes over time.
Easier Management: Built to withstand the rigors of dynamic healthcare environments, client virtualization solutions from Dell and VMware, along with Wyse thin and zero clients suffer less downtime and require less maintenance than solutions based on standard desktop computers and localized data stores.

Flexibility to choose: With the support of open standards, Dell allows you to choose from a wide range of peripherals.

Fast: Boots in under 10 seconds to secure desktops based on a variety of authentication methods, including single sign-on (SSO) and multi-factor authentication.

**WYSE THIN AND ZERO CLIENT HIGHLIGHTS**

Secure by design: Virus and malware resistant with an un-published API and zero attack surface. Supports a robust 802.1x wired and wireless authentication spectrum of security protocols: from all EAP connection types to robust LAN based authentication including EAP-TLS.

Flexible by function: Supports a wide range of peripherals such as bar code scanners, receipt printers, monitors, and displays.

Fast: Quick boot-up and secure desktops based on a variety of authentication methods, including rapid app access with single sign-on and 2-factor authentication.

Easy to manage: Covers the everyday basics so you don’t have to. Allows your IT team to get out of the desktop hardware maintenance business.

**TRUE END-TO-END CLIENT VIRTUALIZATION**

Simplified solutions

With the preconfigured, validated and certified appliance approach, the complexity of client virtualization is reduced while security is increased. Intel® Xeon® processor-powered 13G PowerEdge servers, along with VMware Horizon, incorporate the management tools, predictable sizing and performance health care organizations require.

Client virtualization allows you to deliver secure and current patient data to your increasingly mobile clinicians. Your IT resources are able to proactively address evolving HIPPA compliance requirements within the datacenter confidently, knowing that all critical information is in their control.

Patients are able to rest assured that their confidential information is protected. You have the confidence knowing your staff, your patients, your facilities and your data all protected allowing you to focus on the business of healing.


Contact your Dell representative or visit [http://www.dell.com/wyse](http://www.dell.com/wyse) to discover how Dell can help you get more from your Cloud Client-Computing solution.