

Quality care at the point of care with a virtual desktop infrastructure

VDI DELIVERS:

- **Clinicians:** Fast, desktop-like experience at the point of care.
- **IT:** Greater operational simplicity and airtight data security.
- **Administrators:** Significantly lower costs and improved efficiency.

Overview

Today's successful healthcare organizations know that to deliver the most affordable, quality patient care, they must be nimble enough to navigate changing laws and regulations, incorporate emerging medical research and accommodate new medical technologies. And they must do it faster, better and cheaper than it's ever been done before.

To deliver on this mission, healthcare IT organizations need to provide fast and secure access and a consistent user experience to critical life-saving applications—such as the Picture Archiving and Communication System (PACS) and electronic health records (EHRs)—as well as research data. They must incorporate new mobile technologies, such as smartphones and tablet devices, where it matters most—at the point of care. And they must secure patients' protected health information (PHI) and ensure compliance with the Health Insurance Portability and Accountability Act (HIPAA) and other government regulations.

The Solution

A virtual desktop Infrastructure (VDI) ensures that healthcare professionals can instantly make life-and-death decisions and administer quality treatments at the point of care, while ensuring patient privacy.

It centralizes your desktop environment, moving life-critical healthcare applications and data from desktop PCs and laptops to remote servers and/or blade PCs. A connection brokering service then assigns clinicians to individual desktop sessions, allowing them to access their desktop from any location using any device.

As clinicians travel within and between facilities with their mobile devices, they'll have fast, high-volume access to patient and diagnostic data, including high-resolution PACS medical image files. Healthcare decisions can be made on the spot, allowing treatments to be instantly delivered with fewer errors and more improved patient care.

Because the data is centrally stored, secured and managed—and never physically resides on the device—patients' PHI and other intellectual property never leave the data center. The risk of data leakage through endpoints is completely minimized, ensuring both patient privacy and HIPAA compliance.

VDI solutions also help you to reduce new hardware purchases, while leveraging existing server and storage investments. Instead of fully loaded PCs that must be continually provisioned and patched, you can centrally deploy services and updates that users can access via their mobile devices—driving down costs and increasing productivity.

Benefits

- Ensure fast access with a consistent experience to life-critical data at the point of care.
- Secure regulated patient information and ensure HIPAA compliance.
- Reduce the cost and complexity of maintaining multiple applications on multiple workstations.
- Support increased service-level demands with fewer resources.
- Increase clinical productivity and workflow while protecting the most at-risk patient information.
- Reduce costs by replacing PCs and laptops with thin clients and by leveraging existing server and storage assets.

Solutions II



HIPAA-Compliant, Enterprise-Class Data Security

HIPAA rules require only that patient data be secured and, when shared, encrypted—not which devices or technologies can access that data. VDI solutions meet both requirements, regardless of the device used to access PHI. Clinicians can choose the devices they use—smartphones, tablets or both—or bring their own device. You then ensure that they have appropriate access to the applications and PHI they need, while centrally managing security policies and ensuring HIPAA compliance.

Because patient data does not reside on the device (and, depending upon your security settings, cannot be downloaded), the risk of data loss from lost or stolen devices is practically eliminated.

Lower Costs, Greater Efficiency

Sharing centralized resources via VDI offers distinct advantages over distributed desktops. Thin clients not only cost significantly less than desktop PCs and laptops, they often have longer refresh cycles—seven years or more compared to 3-5 years for typical desktops. You can also leverage existing resources by re-purposing them for VDI use.

VDI environments are also much simpler to manage. Compared to traditional desktop PCs, new VDI devices can be provisioned in mere minutes, new applications and updates can be instantly deployed and problems can be quickly resolved right in the data center.

Increased Clinical Productivity, Better Patient Care

Instead of clinicians constantly logging on and off of workstations—or worse, applications—located throughout the healthcare setting, reducing the time spent on patient care, VDI solutions offer a mobile alternative. Armed with a smartphone or tablet device, healthcare professionals can roam freely, quickly re-connecting to sessions already in progress. This kind of workflow efficiency not only reduces clinician frustration, it improves patient care.

Fast Access, Desktop-Like Experience

Centrally managed resources mean that clinicians can expect the same desktop on any device—even as they travel from home to clinic to campus and beyond—without compromising security or performance. With a single sign-on, clinicians can instantly access the applications and data they need to deliver quality patient care, wherever it's needed.

To get started, call (800) 245-2156 or send an email to info@Solutions-ii.com or visit www.Solutions-ii.com to see how your healthcare organization can benefit from an industry-leading virtual desktop infrastructure solution.

ABOUT SOLUTIONS II

Solutions II is nationally recognized for world class innovation in virtualization, business continuance and data lifecycle management. Solutions II assists Clients every day, to leverage technologies and services that drive the cost out of IT. Solutions II's commitment of bringing best-of-breed solutions to Clients includes a professional services practice dedicated to increasing customer service levels and decreasing the time and support required for implementations to keep their Clients "Performing Ahead of the Curve."