

Desktop Solutions from VMware

Delivering Desktops as a Secure Managed Service with VMware View

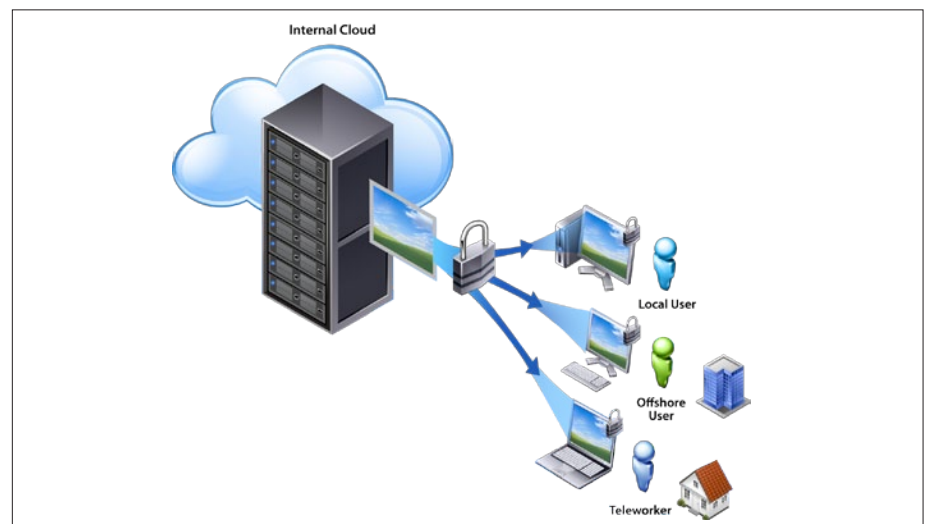
Delivering desktops as a secure managed service can provide many benefits to the enterprise. But IT departments must also ensure that the new centralized solution is easy to manage, secure and reliable, and can provide a superior desktop experience for all end users—over any network.

Managed Services Challenges

As more enterprise employees work from home or in remote offices, managing desktops in an efficient and cost-effective way has become a key goal for all IT departments. But existing desktop environments link together desktop components—hardware, operating system, applications, user profile and data—in ways that are very difficult to support and maintain from the corporate office. As a result, a problem at one layer often causes a chain reaction that can destroy the entire desktop, making recovery of locally stored user data and settings very difficult and costly for IT organizations.

To solve cost, security and difficult service problems, many enterprises are now moving to a model in which desktops are managed centrally and delivered to users as a managed service. Delivering virtual desktops and applications securely from the datacenter or other centralized location can improve productivity for internal employees especially in call centers, government agencies, healthcare facilities, educational facilities and offshore locations. But this delivery model can pose many serious technical challenges. Therefore it is critical that before deploying a virtual desktop solution, IT staff must validate that the platform they choose will:

- Ensure high availability to all remote users
- Maintain the security of confidential data located outside of the corporate datacenter
- Simplify desktop management
- Deliver desktops to remote users
- Guarantee business continuity and quick disaster recovery for all desktops
- Facilitate centralized control and management of desktops
- Ensure corporate security compliance with end user restricted entitlements
- Maintain locked-down desktops without restricting application access to employees
- Minimize compatibility issues during operating system migrations and upgrades



Delivering Desktops as a Secure Managed Service

VMware View™ 4, the leading desktop virtualization solution, is ideal for delivering desktops as a managed service—from the platform to the protocol. With VMware View, it's easy to deliver cost-effective virtual desktops and applications securely from the datacenter to end users over any LAN or WAN network. VMware View lets enterprise IT staff manage operating systems, applications and user persona independently of each other, simplifying desktop management, reducing operational costs and increasing control for IT. At the same time, it allows users to have flexible access to their desktops and applications over any network.

Streamline Desktop Management

VMware View lets IT administrators instantly provision desktops to local and remote users from the datacenter. After creating virtualized images of approved desktops, IT teams can automatically provision as many end-user devices as needed and easily manage groups of users from a single desktop image. The operational efficiencies gained from centralized management can reduce your total cost of ownership on desktops by as much as 50 percent.

Improve User Satisfaction

VMware View includes PC-over-IP (PCoIP) technology, a high-performance display protocol that provides a superior end user desktop experience over any network. Virtual desktop users can instantly access their personalized desktops, including data, applications and settings, from anywhere, without suffering the lag times of earlier technologies.

Standardize the Virtualization Platform

VMware View integrates with VMware vSphere™ 4, the leading virtualization platform, to provide a unified management experience. With VMware View, you can dynamically load balance virtual desktop machines to optimize computing resources, and power-on thousands of desktops at once, without any performance degradation.

Easily Deliver Desktops to Remote Users

VMware View lets you deliver cost-effective virtual desktops and applications securely to remote locations. Additionally, you can encapsulate applications in a fully encrypted file for deployment, and be assured security compliance needs are met while enabling end users to easily and safely access business-critical applications.

Manage and Track Software Usage

Monitor software license usage and ensure compliance with vendors without imposing new process or enforcement tools. VMware desktop virtualization solutions provide out-of-the-box integrations with existing policy-based usage mechanisms such as Active Directory and LDAP. VMware View provides a high performance desktop experience to all desktop users—wherever they are located.

Deliver Built-in Business Continuity for the Desktop

VMware View enables corporations to meet work-from-home mandates in the event of quarantine or natural disaster with an emergency preparedness policy. VMware View is the only desktop virtualization solution that provides built-in business continuity and disaster recovery for the desktop at no additional cost.

VMware View provides high availability for desktops within virtualized environments without the costs or complexity of traditional clustering solutions, and backs them up nightly in the datacenter as a business process. VMware View with VMware vSphere for Desktops extends enterprise features such as VMware VMotion™, VMware High Availability, and VMware Distributed Resources Scheduler to the desktop, ensuring an “always-on” desktop.

Ensure Security

VMware View helps protect the organization's information assets and ensure compliance with industry and government regulations such as HIPAA, SOX, government mandates on settings for PCs, and more with desktop virtualization. Easily secure data, centralize control of desktops and software access, and maintain compliance without sacrificing end-user needs.

Facilitate Corporate Security Compliance

VMware View controls appropriate end user access by restricting desktops based on the authentication method. Allow remote access only to users who are authenticated with a smart card, for example. Modular by design, VMware View integrates with third-party software to allow for further security enhancements.

Maintain Locked-Down Desktops

VMware virtualized applications run entirely in user mode and can be deployed to fully locked down desktops. No administrative rights are needed to execute these virtualized applications into existing management frameworks for discovery of software assets and systems, so you can use your existing monitoring and distribution tools to maintain single-pane-of-glass control of software license compliance.

Eliminate Compatibility Issues with Migrations

With VMware View, you'll benefit from newer platforms without paying heavy support costs to test and troubleshoot integration issues. A single image of a new operating system can run across a variety of hardware types, or older applications can be encapsulated. You can even run multiple versions of the same application side by side.

Summary

VMware View helps you transform your desktop infrastructure into a more flexible, cost-effective environment. You can reduce costs and increase IT control over desktops, applications and data while giving users the flexible access they need to stay productive.

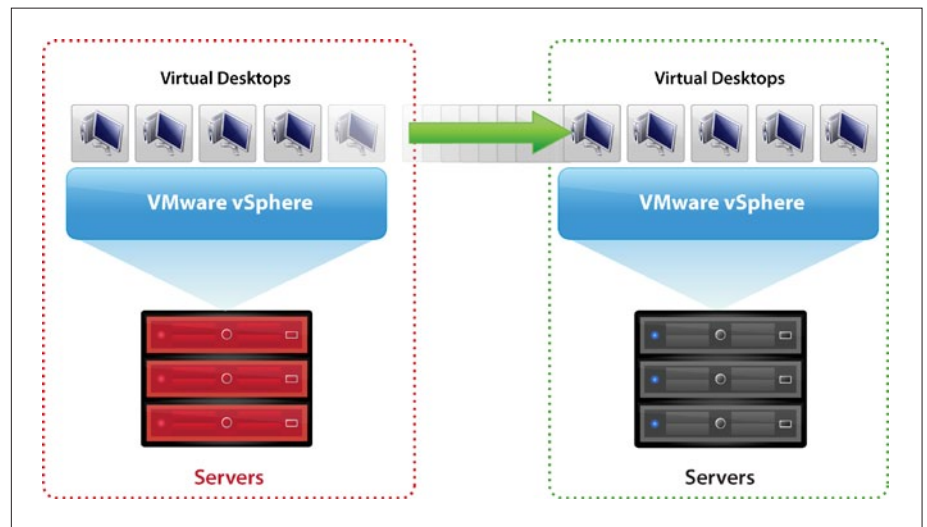


Fig 1. Give remote users a high-performance desktop experience using VMware View with PCoIP while protecting access to sensitive data.

