



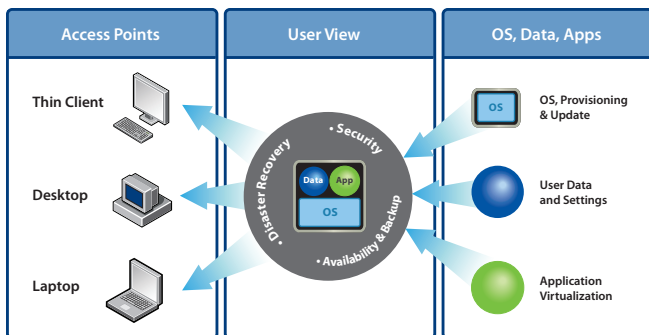
# VMware View 3

## Take control of Your Desktops and Applications

Built on the industry-leading virtualization platform, VMware View 3 is a Universal Client solution that lets you manage operating systems, hardware, applications and users independently of each other, wherever they may reside. VMware View streamlines desktop and application management, reduces costs and increases data security through centralization, resulting in greater end-user flexibility and IT control. VMware View enables customers to extend the value of VMware Infrastructure and virtual desktop infrastructure (VDI) environments to encompass not only desktops in the datacenter but also applications and the delivery of these environments securely to remote clients, off or online.

### How does VMware View Work?

VMware View uses virtualization to break the bonds between the desktop and associated OS, applications and hardware. By encapsulating the desktop OS, applications and user data into isolated layers, the solution 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 View encapsulates the OS, applications and user data into isolated layers for better desktop management and provides users with a personalized view or "myView" of their individual desktop.*

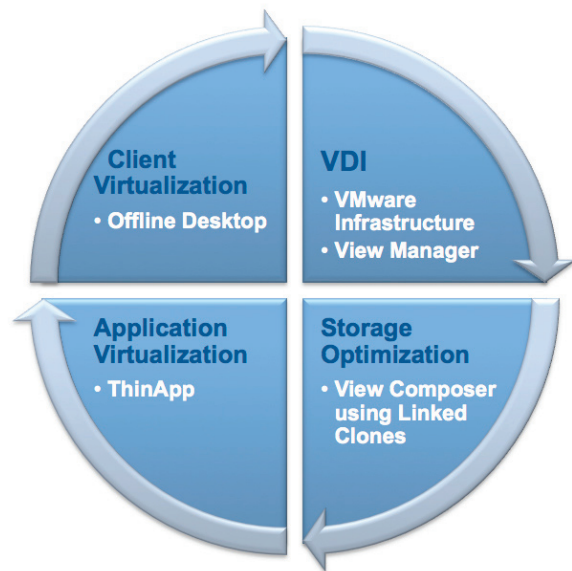
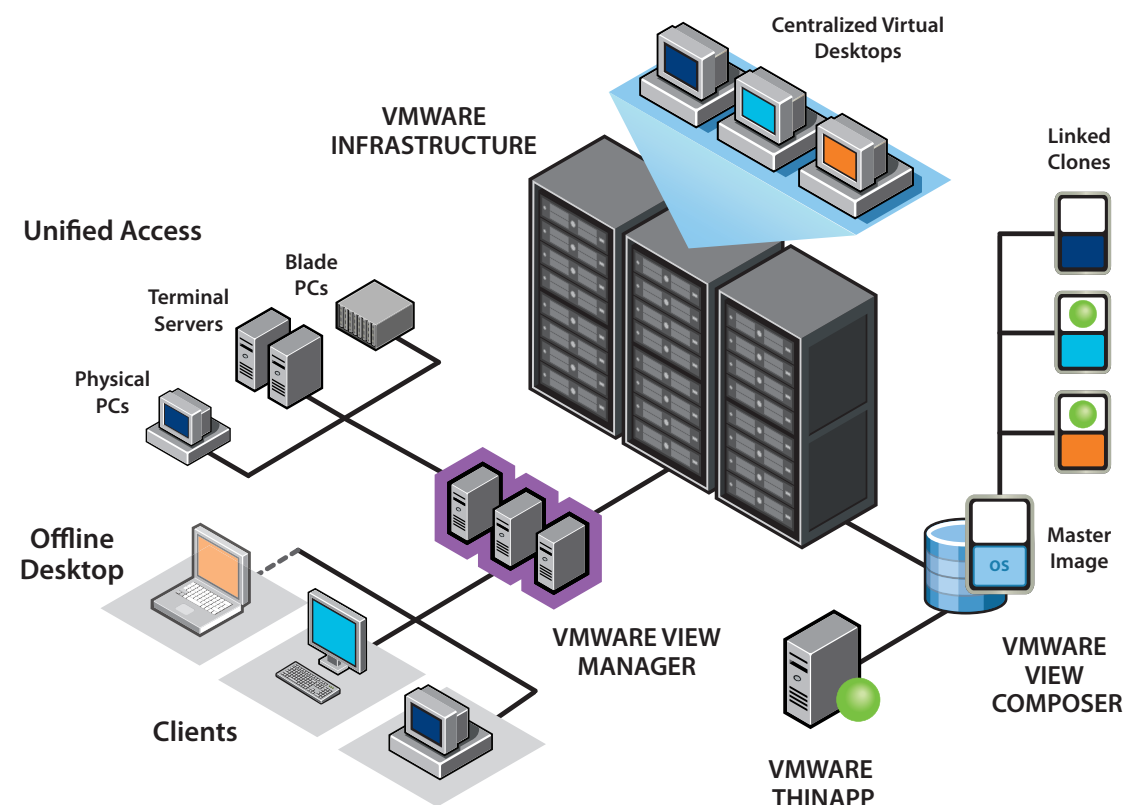
### What are the Benefits of VMware View?

VMware View enables the following benefits:

- **Lower costs.** VMware View reduces overall costs of desktop computing by up to 45% by centralizing management, administration and resources and removing IT infrastructure from remote offices.
- **Better security.** Since all data is maintained within the corporate firewall, VMware View minimizes risk and data loss. Built-in SSL encryption provides secure tunneling to virtual desktops from unmanaged devices.
- **Greater management and control.** View Manager lets you manage all desktops centrally in the datacenter and provision desktops instantly to new users, departments or offices. Create instant clones from a central image, and create dynamic pools of desktops for quick provisioning and rapid updating.
- **More business agility and user flexibility.** View Manager accommodates changing business needs, such as adding new desktop users or groups of users, while providing a consistent experience to every user from any network point.
- **Reliable business continuity and disaster recovery.** VMware View is built on industry-leading VMware Virtual Infrastructure and is able to automate desktop back up and recovery as a business process in the datacenter.
- **Reduce carbon footprint and energy costs.** When used in conjunction with thin client devices which typically use 1/10th the power of a traditional PC, VMware View helps reduce energy costs and reduce the carbon footprint by up to 80% ("Infrastructure Virtualization," Butler Group, September 2007).

## What's Included in VMware View 3

With the expanded VMware View 3 solution, companies can apply powerful tools traditionally reserved for mission-critical datacenter applications to desktop environments.



### VMware Infrastructure 3

VMware View 3 is built on VMware Infrastructure 3 and as a result, IT organizations can extend the benefits of industry-leading virtualization to the desktop. Integrating desktop infrastructure with VMware Infrastructure 3 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.

### View Manager 3

View Manager 3, a key component of VMware View, is an enterprise class desktop management solution, which streamlines the management, provisioning and deployment of virtual desktops. Users securely and easily access virtual desktops through View Manager, and upgrading and patching are done centrally from a single console so you can efficiently manage 100s or even 1000s of desktops - saving time and resources. Data, information and intellectual property remain in the datacenter and never have to leave – except with your permissions and security policies intact.

*VMware View provides Unified Access to virtual desktops and applications running in a central secure datacenter and accessible from a wide variety of devices. VMware View Composer streamlines image management while reducing storage needs through the use of VMware Linked Clone technology.*

### View Composer

A new component of the VMware View solution, View Composer uses VMware Linked Clone technology to rapidly create desktop images that share virtual disks with a master image to conserve disk space and streamline management. User data and settings are segmented from the desktop image, so they can be administered independently. As a result of this Linked Clone model, all desktops that are linked to a master image can be patched or updated through View Manager 3 simply by updating the master image, without affecting users' settings, data or applications. This leads to a dramatic reduction in storage needs and costs while simplifying desktop management.

### ThinApp

VMware ThinApp application virtualization software is an agentless solution that decouples applications from operating systems by isolating and encapsulating them into an EXE or MSI file. This technology enables multiple versions of applications to run on a single OS without conflict, or the same version of an application to run on multiple operating systems without modification. ThinApp simplifies upgrading and patching applications and reduces storage needs for virtual desktops by streaming large applications from a shared network drive.

### Offline Desktop – Experimental Use

Offline Desktop for experimental use allows complete virtual desktops to be moved between the datacenter and physical desktop devices with security policies intact. Changes are intelligently synchronized between datacenter and physical desktop devices. Offline Desktop allows a user to run their virtual desktop offline or simply take advantage of local resources for the best virtual desktop user experience available.

### How is VMware View Used in the Enterprise?

#### Centralized Desktop Management and Control

VMware View saves organizations time, money and resources by allowing desktops to be managed and maintained centrally. Organizations more and more are replacing traditional PCs with virtual desktops that run on servers in the datacenter and provisioning desktops from a single location. Users enjoy the benefit of accessibility to their desktop from any location but still having their own personalized desktop environment, called "myView." Managing and supporting desktops centrally allows more agility, faster response times and reduces operational costs.

### Desktop Backup and Disaster Recovery

VMware View extends the reliability, automated backup, data protection and disaster recovery abilities traditionally reserved for server applications to the desktop. You can manage virtual desktops remotely using VMware View to eliminate the need for on-site desktop management and maintenance.

### Delivering Desktops as a Secure Service

Delivering cost-effective desktop services and applications securely to workers at branch offices, call centers, government agencies, healthcare facilities, education institutions or other remote locations is easy with VMware View. Access to confidential data and information is tightly controlled, because all virtual desktops reside in a central location. VMware View has strong network encryption that protects data in transit, and integration with RSA SecurID® enables support for two-factor authentication. These features can help reduce the risk of data leakage and malicious code intrusion and simplify regulatory compliance.

### Key Features and Capabilities

#### Simplified Desktop Management

Desktop and application virtualization break the bonds between software, hardware and operating systems, eliminating the need to actually install or manage desktop environments on end user devices. From a central location you can deliver, manage and update all of your Windows desktops and applications in minutes. VMware View makes the testing, provisioning and support of applications and desktops much easier and less costly.

#### Automated Desktop Provisioning

Through View Manager 3, VMware View provides a single management tool to provision new desktops or groups of desktops, and an easy interface for setting desktop policies. Using a template, you can customize virtual pools of desktops and easily set policies, such as how many virtual machines can be in a pool, or logoff parameters. This feature enables greater IT efficiency by automating and centralizing desktop provisioning activities.

#### Advanced Virtual Desktop Image Management

Based on the mature Linked Clone technology, View Composer enables the rapid creation of desktop images from a master image. Whatever updates are implemented on the master image can be pushed out to any number of virtual desktops in minutes, greatly simplifying deployment and patches and reducing costs. The process does not affect user settings, data or applications, so the user remains productive on a working desktop, even while the changes are being applied.

## Unified Access

VMware View gives you the flexibility to securely access your personalized desktop hosted in a VMware Virtual Infrastructure environment, in a Windows Terminal Server environment or on a Blade PC from a single interface. You can also remotely access physical PCs. Users are seamlessly connected to the correct desktop environment. Administrators can monitor and audit desktop activity and load-balance multiple Windows Terminal Servers.

## Virtual Printing

VMware View lets you print from virtual desktops to local devices without compatibility issues, bandwidth restraints or complicated user setup. VMware View will automatically discover, connect and print from a virtual desktop to any local or networked printer that's defined on the client device. Universal print drivers eliminate compatibility issues. Virtual Printing includes compression to deliver high-quality printing with enhanced performance, even over suboptimal network connections.

## Familiar End-User Experience

VMware View delivers a complete, unmodified desktop environment that is compatible with existing legacy or custom applications and provides users with their own desktop that is customizable to suit their needs. Broad client support enables users to access their desktops from a wide variety of virtual desktop devices, anytime, and use local printers, USB devices or other peripherals. Additionally, multi-media redirection further improves the end-user experience for playing rich multimedia.

## Security

VMware View offers strong network security to protect sensitive corporate data. SSL tunneling ensures all connections are completely encrypted. Additionally, VMware View Manager fully supports RSA SecurID® and provides the added security of two-factor authentication for tightened access control.

## Availability and Scalability

VMware View delivers high availability, with no single point of failure. VMware High Availability (HA) ensures automatic failover and provides pervasive, cost-effective protection within your virtualized desktop environment, without the cost or complexity of traditional clustering solutions. Additionally, advanced clustering capabilities on the physical and virtual layers provide enterprise-class scalability.

## Streamlined Application Management

VMware ThinApp application virtualization separates applications from underlying operating systems for increased compatibility and streamlined application management. Applications packaged with ThinApp can be run on servers in the datacenter and accessible through a shortcut on the virtual desktop further reducing the size of the desktop image and subsequent storage needs. Since the applications are isolated and virtualized, multiple applications or multiple versions of the same applications run on users' virtual desktops without conflict. Applications are managed and deployed centrally, ensuring that all users desktops are up to date with the latest application version.

## Offline Desktop

Offline Desktop, an experimental feature in VMware View 3, increases productivity by allowing you to run managed virtual desktops locally or in the datacenter through the same administration framework. Simply download a virtual desktop onto your local client device. All existing security policies for that virtual desktop continue to be applied and enforced. Later, you can check the desktop back into the datacenter for resynchronization.

## Thin Client Support

VMware View supports a wide variety of thin client devices. For a complete list, please refer to the Thin Client Compatibility Guide HCL: <http://www.vmware.com/resources/techresources/1053>.

## Purchasing VMware View 3

VMware View 3 is available in the following editions:

PRODUCTS	VMWARE VIEW PREMIER	VMWARE VIEW ENTERPRISE
<b>VI3 Enterprise</b>	✓	✓
<b>vCenter Server</b>	✓	✓
<b>View Manager</b>	✓	✓
<b>View Composer</b>	✓	
<b>ThinApp</b>	✓	
<b>Offline Desktop*</b>	✓	

*\*Experimental Use*

## Find Out More

For a complete list of the components included in VMware Infrastructure 3 Enterprise edition, please consult the VMware Infrastructure 3 brochure.

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](http://www.vmware.com/products), or search online for an authorized reseller. For detailed product specifications and systems requirements, please refer to the VMware View documentation.