



# VMware Virtual Desktop Infrastructure (VDI)

## Deliver Virtual Desktops from the Data Center

### AT A GLANCE

VMware Virtual Desktop Infrastructure (VDI) is an end-to-end solution for server-based virtual desktop computing that improves control and manageability while providing end users with a familiar desktop experience.

VMware VDI gives you the proven power of VMware Infrastructure 3, along with VMware Virtual Desktop Manager (VDM), an enterprise-class connection broker that manages user access to centralized virtual desktop environments.

### BENEFITS

- Control and manageability in a single product:** Administrators can more easily provision, manage and maintain desktops because they are running in the data center.
- Familiar end-user experience:** End users get flexible access to a personalized virtual desktop that behaves just like their normal PC.
- VMware Infrastructure 3 integration:** VMware VDI lets you extend virtual infrastructure capabilities to the desktop to leverage backup, failover and disaster recovery capabilities.
- Lower TCO:** VMware VDI can help you lower the cost of operating corporate desktops by streamlining administration, reducing energy costs and extending the useful life of PCs.

### How is VMware VDI used?

#### Centralized Desktop Management

Organizations use VMware VDI to replace traditional PCs with virtual desktops that run on servers in the data center. Administrators can provision new desktops in minutes, giving users their own personalized desktop environments while eliminating the need for retraining and application sharing. This approach helps to reduce the total cost of ownership (TCO) for your desktop infrastructure, extends the life cycle of your hardware and helps you respond more quickly to business needs.

#### Transactional User Management

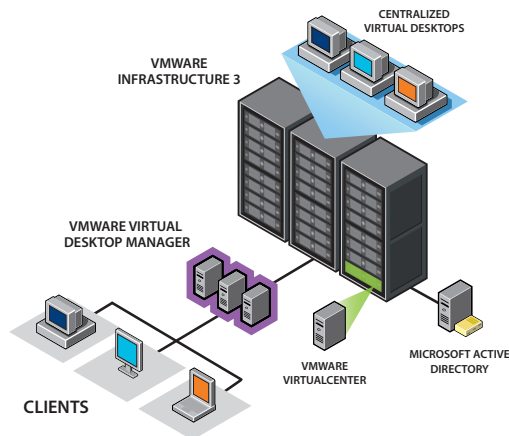
VMware VDI is ideal for delivering cost-effective desktop services to fixed-function workers at branch offices, call centers and other locations. Controlling access to confidential data is easier because all virtual desktops reside in a central location. Integration with RSA SecurID® enables support for two-factor authentication, while strong network encryption protects data in transit. These features can help reduce the risk of data leakage and malicious code intrusion while also helping to ease regulatory compliance burdens.

#### Desktop Backup & Disaster Recovery

VMware VDI extends the benefits of VMware Infrastructure 3 to the desktop, so customers can benefit from reliability, data protection and disaster recovery capabilities that have traditionally been available only for server applications. You can leverage shared storage to back up your desktop data. Automated failover helps to ensure high availability for virtual desktops, while site-wide recovery mechanisms ensure rapid restoration of service after an unplanned outage.

### How does VMware VDI work?

VMware VDI lets you consolidate client PCs as virtual desktops that run on servers in the data center using VMware Infrastructure 3. VMware VirtualCenter manages your virtual infrastructure, while VMware Virtual Desktop Manager (VDM) manages user access to centralized virtual desktops from a wide range of devices, including Windows®, Linux® and Mac® computers, as well as thin clients.



With VMware VDI, end users on PCs and thin clients can remotely access virtual machines that run on centralized server hardware

## KEY FEATURES

### END-TO-END VDI FUNCTIONALITY

- **Central administration of desktops from any location:** Manage virtual desktops in a data center where you can more easily perform upgrades, patches and desktop maintenance.
- **Scalable management:** Store and manage thousands of virtual desktops on hundreds of physical servers from a single management console.
- **Streamlined provisioning:** Deploy new desktops in minutes instead of days or weeks using automatic desktop provisioning.
- **Desktop isolation:** Give each end user an isolated virtual desktop and help to eliminate the availability and performance problems associated with shared application technologies.
- **Failure redundancy:** Enable a high level of fault tolerance for your virtual desktop infrastructure with robust technology for connection redundancy and reliability.

### ENTERPRISE-CLASS CONNECTION BROKERING

- **Access management:** Deploy VMware Virtual Desktop Manager (VDM) to manage user access to centralized virtual desktops.
- **Flexible provisioning:** Deploy individual desktops for each user or create persistent and non-persistent desktop pools.
- **Strong network security:** Protect sensitive corporate information using SSL tunneling to ensure that all connections are completely encrypted.
- **Support for strong authentication:** Strengthen access control through two-factor authentication using RSA SecurID®.
- **Complete integration with Microsoft® Active Directory™:** Control access to centralized desktops using your existing directory services infrastructure.

### FAMILIAR END-USER EXPERIENCE

- **Application compatibility:** Run off-the-shelf, legacy or custom applications with no modifications.
- **No end-user training required:** Deliver complete, unmodified desktop environments to end users.
- **Flexibility:** Provide end users with their own desktop that they can customize to suit their needs and access from anywhere, or provision desktops that are more restricted and revert to a known consistent state upon log-off.

- **Access to local devices:** Allow users to access local printers, USB devices and other peripherals.

### VMWARE INFRASTRUCTURE 3 INTEGRATION

- **Unified management of servers and desktops:** Use a common management interface for administration of desktops and servers throughout your virtual infrastructure.
- **Consolidated backup:** Provide centralized backup for virtual desktops while helping to eliminate backup traffic from your network to improve performance.
- **Automated failover and recovery:** Help to keep desktops running even when server hardware goes down, and recover quickly from unplanned outages.
- **Dynamic load balancing:** Help to balance desktop computing resources automatically as user needs and application loads change over time.

### How can I purchase VMware VDI?

To evaluate VMware VDI please visit <http://www.vmware.com/download/vdi/>. You can purchase VMware VDI from the VMware Store at <http://www.vmware.com/products/vdi/buy> or by contacting VMware directly at 1-877-4VMWARE (outside of North America dial +1-650-427-5000). VMware also provides an established global network of best-of-breed technology and distribution partners. Search online for an authorized reseller at <http://www.vmware.com/partners/>

### Product Specifications and System Requirements

For detailed product specifications and system requirements, refer to the VMware Infrastructure Resource Management Guide located at [http://www.vmware.com/support/pubs/vdi\\_pubs.html](http://www.vmware.com/support/pubs/vdi_pubs.html).

Multiple support options are available for VMware VDI, including global Platinum and Gold support levels and software upgrade subscription programs in single or multi-year contracts.



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