

Remote & Branch Office Management

With virtual infrastructure solutions from VMware

Remote & Branch Office Challenges

Many critical business applications today reside outside the data center in remote locations. These distributed sites often rely on centralized IT support, but the ability of central IT staff to manage and protect remote sites is often constrained by the following challenges:

- **Lack of on-site IT staff:** Because new servers must be provisioned and shipped from headquarters, remote sites experience lengthy turnaround times for their IT requests. The need for central IT staff to troubleshoot remote servers in person results in costly support trips and extended service downtime, which directly impacts the business.
- **Ensuring Consistency:** Lack of a standardized hardware platform makes it difficult for central IT staff to support legacy applications, perform routine upgrades and maintenance, and meet rising demand for new applications in remote sites.
- **Limited space:** Remote sites are rapidly running out of space to accommodate new workloads, and existing physical servers at these sites are not efficiently utilized.
- **Limited IT budget:** Limited space and budget make it prohibitive to invest in specialized business continuity solutions or redundant hardware for remote sites. Although tape backups are affordable, they are error-prone, labor-intensive to maintain and susceptible to theft or loss.

VMware Remote and Branch Office Management solutions are ideal for:

- Retail stores
- Regional offices
- Manufacturing plants
- Call centers
- Bank branches
- Medical clinics

Virtualization: A Better Way to Manage Remote & Branch Office IT Environments

VMware solutions give IT organizations the ability to control and manage remote servers and desktops from a central location. VMware provides a standardized deployment platform that reduces the cost and complexity of remote and branch office management while delivering higher levels of flexibility, availability, and data protection.

By virtualizing either at the remote site or back to the data center, organizations can leverage existing data center IT and personnel resources, thereby reducing cost, effort, and downtime.

Key Benefits

- Streamlined Management & Provisioning
- Improved Service & Availability
- Reduced Hardware & Operating Costs

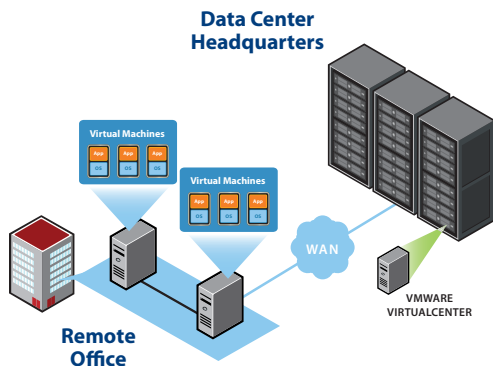
"We used to face a significant challenge in the delivery of new systems to remote offices, due to the lack of infrastructure flexibility, remote management tools and local IT staff. Thanks to VMware, we are now able to manage servers at six remote locations from a central point."

- Nick Lain, Systems Engineer, Engen

**APPROACHES TO VIRTUALIZING
REMOTE OFFICE IT ENVIRONMENTS**

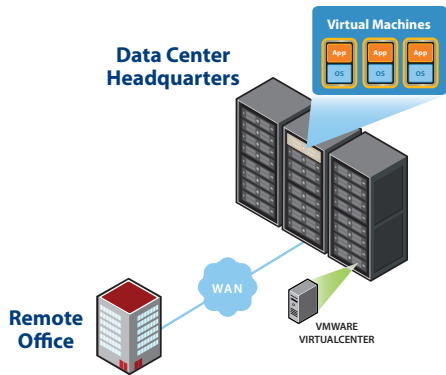
Distributed Server & Desktop Virtualization

Remotely manage virtual machines on remote office server hardware to ensure maximum performance regardless of WAN speed and availability



Centralized Server & Desktop Virtualization

Enable remote offices to access virtual machines on centralized server hardware in the data center to maximize server consolidation and cost savings



Key Benefits of VMware Remote & Branch Office Management Solutions

Streamlined Management & Provisioning

- Provision and manage virtual machines remotely. Enable IT staff to deploy and maintain remote servers and desktops from a central data center to meet remote office needs without the need for hardware shipments and on-site visits.
- Standardize your remote office infrastructure. Use virtual machine templates and automated patch management to standardize systems at all remote sites without worrying about disparate hardware or legacy applications.

Improved Service & Availability

- Ensure availability for remote servers. Consolidate remote office servers onto more reliable hardware while extending virtual infrastructure capabilities such as automated failover and load balancing to remote sites.
- Centralize remote office backup and disaster recovery. Protect remote office data without the cost and complexity of duplicating remote office infrastructure, recover from site failures directly from the data center, and eliminate the need for manual tape backup and other task-intensive processes.

Reduced Hardware & Operating Costs

- Lower the cost of operating remote office hardware. Extend your server and desktop consolidation strategy to remote offices to improve hardware utilization while reducing cooling, energy and real estate costs for remote IT environments.
- Minimize server and desktop hardware expenditures. Facilitate rapid growth while reducing the amount of new IT hardware you purchase for remote sites by provisioning new servers and desktops as virtual machines.

Learn More

To learn more about VMware solutions for remote and branch office management, visit our Web site at www.vmware.com or contact us at 1-877-4VMware.