

VMWARE APP VOLUMES FOR HEALTHCARE ORGANIZATIONS

AT A GLANCE

In healthcare, IT is critical to providing always-on access to patient information and solving increasing cost, quality, and patient-care delivery challenges. VMware App Volumes™ enables healthcare organizations running virtual environments powered by VMware, Citrix, and Microsoft, to achieve substantially faster application delivery and unified application and user management while lowering IT costs.

KEY BENEFITS

- Reduce storage and operational costs by up to 70% with one-to-many provisioning, painless packaging, and simplified installation.
- Free crucial healthcare IT resources from repetitive application and user profile maintenance tasks.
- Decrease the number of gold images and reduce time spent managing images by up to 95%.
- Provide superior end-user experiences that enhance caregiver productivity and satisfaction without increasing IT staff.
- Improve service availability and speed new application delivery with VMware AlwaysOn Point of Care™.

Improve the delivery and management of clinical applications, desktops, and developer environments while reducing costs and optimizing existing investments.



App Volumes speeds healthcare IT's delivery of personalized applications and user environments.

Deliver Better Services, More Efficiently

Digital transformation presents healthcare organizations with both challenges and opportunities. Under increasing regulatory, compliance, and service delivery pressures, healthcare leaders continue to look to IT to help improve the quality, availability, and cost of patient care.

IT organizations have proactively responded, deploying VDI and published application solutions that improve the availability of patient information and enable centralized management and delivery of workspace services to caregivers across devices and locations. However, to meet specific business challenges, organizations have often combined desktop and hosted application solutions such as VMware Horizon®, Citrix XenApp and XenDesktop, and Microsoft RDSH platforms, to achieve their desktop and application virtualization benefits.

As healthcare IT teams seek to optimize and consolidate environments—further reducing cost and complexity—they are looking for a solution to solve application delivery, unified application, and user management challenges. Image management and application packaging are key challenges associated with slow and painful application install and maintenance. Complex testing processes and legacy product versions that teams dare not touch result in higher infrastructure, support, and operational costs.

Speed Application Delivery

App Volumes is an application and user management solution from VMware that reduces IT costs and helps deliver consistent user experiences. By using App Volumes for faster application delivery and lifecycle management, healthcare organizations can continue to leverage existing investments in virtual solutions including VMware RDS hosted applications and Citrix XenApp and XenDesktop. IT can improve the operational efficiency of an existing

REAL-TIME APPLICATION DELIVERY

- Deliver or upgrade applications at scale and in seconds—including to Citrix XenApp hosts or XenDesktop virtual desktops.
- Dynamically deliver applications without interrupting users.
- Support complete application lifecycle management (provisioning, delivery, maintenance, and retirement).

COST-OPTIMIZED INFRASTRUCTURE

- Drive down compute, network, and storage costs with optimized application delivery.
- Reduce VDI storage costs by 30 percent.
- Integrate with existing infrastructure for flexible delivery to users, groups, or devices, including Epic environments.

SEAMLESS END-USER EXPERIENCE

- Support fully customizable desktops and give end users freedom to install applications.
- Gain persistent user experiences with non-persistent economics.

LEARN MORE

For additional information about how VMware can help your healthcare organizations provide real-time application delivery lifecycle management, visit the VMware Web site [App Volumes product page](#) and the [VMware healthcare solutions page](#). To purchase VMware products, call 877-4-VMWARE (outside of North America dial 650-427-5000), or search online for an authorized reseller.

environment by decoupling operating system and healthcare application management, helping to reduce the number of images being managed. App Volumes, which delivers apps at scale, is designed to meet the needs of healthcare organizations of all sizes.

With App Volumes, healthcare IT can begin the transformation to an end-user compute platform that meets the needs and requirements of all of the organization's clinical and operational users. Whether the organization is delivering clinical applications in a virtual desktop, hosted applications such as Epic Hyperspace to shared clinical workstations, or virtual desktop environments to off-shore developers, App Volumes dynamically improves performance, reduces infrastructure requirements, and provides the high service levels users demand. Moreover, App Volumes supports key developer applications such as Microsoft Visual Studio for .NET, Eclipse for Java, Fiddler, and Eclipse Web Tools Platform.

Solution Details

App Volumes is available as a standalone product (in App Volumes Standard, Advanced, and Enterprise Editions) or as part of VMware Horizon® 7 Enterprise Edition, which also features the following solutions:

- **VMware User Environment Manager™** – Enables personalization and dynamic policy configuration across any virtual, physical, and cloud-based environment. Policy enforcement can be contextually driven through User Environment Manager to meet compliance and regulatory requirements such as HIPAA. User Environment Manager simplifies end-user profile management by providing healthcare organizations with a single, scalable solution that leverages existing infrastructure.
- **VMware vRealize® Operations for Horizon®** – Helps IT easily troubleshoot Horizon and Citrix XenApp and XenDesktop environments to reduce downtime. Uptime is critical for healthcare organizations. By integrating published application data into the broader vRealize Operations monitoring, IT can proactively identify and remediate issues across the infrastructure before they affect patient care, helping to improve system performance and avoid disruption.
- **VMware App Volumes** – Provides fast, secure, high-availability, high-performance application delivery for end users and employees. Healthcare organizations must manage and deliver thousands of applications. With App Volumes, IT can rapidly deploy applications using less infrastructure while enhancing user experience and reducing the cost of application management.
- **VMware ThinApp®** – Eliminates application conflicts and streamlines management. ThinApp adds application compatibility to the virtual workspace, enabling disparate applications to run side by side on a workspace or desktop. IT can run legacy versions of healthcare applications requiring older browser versions together with newer patient-care applications—with no conflict on the same workspace.
- **VMware Identity Manager™** – Simplifies end-user experiences by delivering applications into a single, aggregated workspace, securely delivered on any device. Caregivers can provide fast responses to patient needs through anytime, anywhere access without compromising sensitive information. At the same time IT administrators enjoy simpler, centralized, policy-based management.

