

VMWARE HORIZON APPS

AT A GLANCE

VMware Horizon® Apps delivers your virtualized Windows apps—including apps packaged and isolated with VMware ThinApp®—alongside SaaS apps and mobile apps through a single consolidated workspace to end users. These RDS published apps run securely in the data center and can all be accessed from one digital workspace from any device, anywhere. Built on JMP, the VMware next-gen desktop and application delivery platform, Horizon Apps raises the bar for published applications, delivering Just-in-Time applications that make apps simple and bring speed, scale, savings, and simplicity to app delivery, while enabling access to apps on any device, anywhere.

KEY BENEFITS

Drawing on the best of mobile and cloud, Horizon Apps radically transforms app virtualization, giving you unprecedented simplicity, security, speed and scale—all at lower costs. Horizon Apps helps you get up and running up to 30x faster while cutting costs over traditional solutions by as much as 50 percent.

Business Challenges with Application Delivery

Today, end users are more mobile and productive than ever—with the need to access their Windows apps alongside their SaaS and web applications, from their personal or business devices. In this new mobile cloud world, managing and delivering services to end users with traditional PC-centric tools has become increasingly difficult. Data loss and image drift are real security and compliance concerns. And organizations are struggling to contain costs. Horizon Apps provides IT with a new streamlined approach to deliver, protect, and manage Windows applications while containing costs and ensuring that end users can work anytime, anywhere, on any device.

Deliver Virtual Applications Securely to Any Device, Anywhere

Built on JMP, the VMware next-gen desktop and application delivery platform, Horizon Apps securely publishes Windows apps in the data center and delivers end users all their apps—including virtualized applications, apps packaged and isolated with VMware ThinApp, SaaS apps, and mobile apps—in one unified digital workspace on any device, anywhere. Leveraging the power of JMP, IT can deliver Just-in-Time apps to streamline management, reduce costs, and easily maintain compliance. These applications can be accessed by end users with the efficiency and flexibility that business demands.

Applications Delivered Through a Single Platform

Horizon Apps provides a single platform for delivering virtualized Windows applications and shared desktop sessions from Windows Server instances using Microsoft Remote Desktop Services (RDS) and ThinApp packaged applications. Leveraging JMP technology from Horizon 7, it allows IT to streamline management, easily entitle end users, and quickly deliver applications to end users across devices and locations.

Unified Digital Workspace and Single Sign-On

With Horizon Apps, IT can support real-time validation, streamlined identity management across identity sources like Active Directory and LDAP, and provide end users with contextual and customizable access to resources through a single unified workspace. Horizon Apps supports two-factor, smart card, and biometric authentication. It is designed and certified to meet the most demanding compliance regulations, including those of the U.S. federal government. With VMware technology, users can authenticate from any device or operating system and enjoy secure and simple one-touch single sign-on to all of the apps in their workspace.

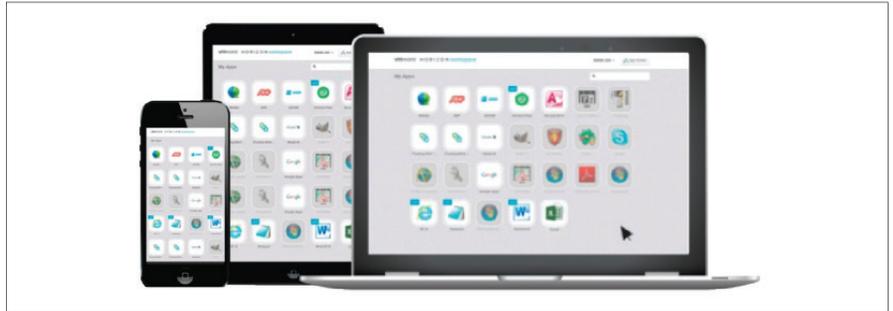


Figure 1: Digital Workspace

Just-in-Time App Provisioning with Instant Clones Technology

- JMP technologies include VMware Instant Clones technology and VMware App Volumes™, which dramatically reduce infrastructure requirements while enhancing security. Now you can deliver brand new personalized desktop and application services instantly to end users every time they log in.
- Spin up brand new RDS hosts in about 2 seconds, easily and elastically supporting peak demand.
- Enhance security by shutting down RDS farms daily/weekly, and easily and quickly spin up brand new hosts.
- Reduce storage and operational costs by up to 70 percent with App Volumes and one-to-many provisioning, which slashes the number of images managed by up to 95 percent.
- With updated Cloud Pod Architecture, scale to over 50,000 RDS farms across 50+ sites with improved failover characteristics, in a fraction of the time of traditional application virtualization models.

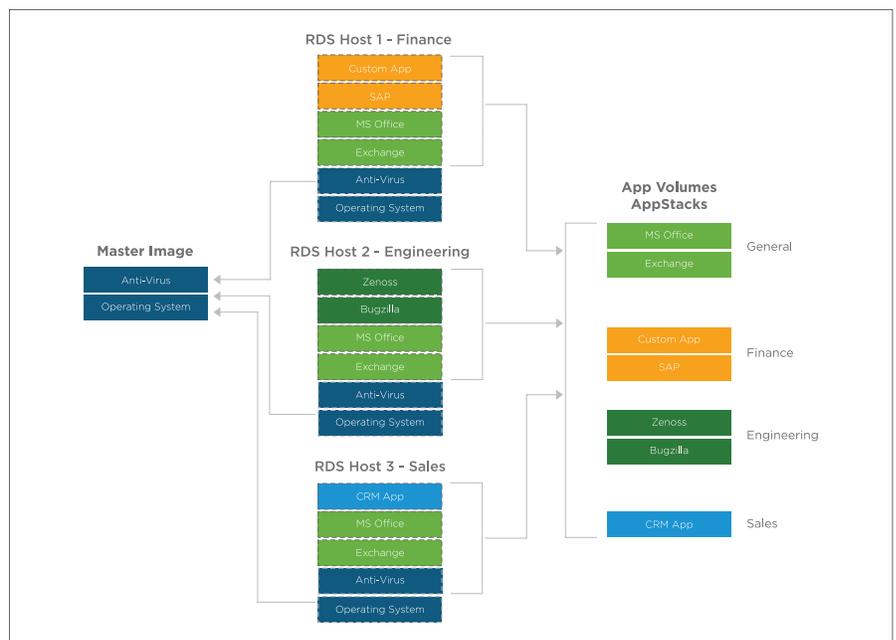


Figure 2: Instant Clones delivers the master image to the RDS host in seconds, making it quick to roll out updates or create brand new hosts. And with App Volumes, applications are virtualized above the operating system and delivered to RDS hosts via AppStacks, which allows admins to easily and quickly update or deploy new applications without the need to reimagine.

User Environment Management and Personalization

VMware User Environment Manager™ offers personalization and dynamic policy configuration across any virtual, physical, and cloud-based environment.

- Simplify end-user profile management by providing organizations with a single and scalable solution that leverages existing infrastructure.
- Provide end users with quick access to a Windows workspace and applications, with a personalized and consistent experience across devices and locations.

Real-Time Application Delivery and Management

- Easily package applications to avoid compatibility issues.
- Instantly provision applications at scale with Just-in-Time Apps and Instant Clones technology.
- Dynamically attach applications to users, groups, or devices, even when users are logged in to their desktops.
- Provision, deliver, update, and retire applications in real time.

Optimized for the Software-Defined Data Center

Leverage and extend your expertise with VMware vSphere® to simply deliver application workloads. Horizon Apps extends the power of virtualization with virtual compute, virtual storage, and virtual networking and security to drive down costs, enhance the user experience, and deliver greater business agility.

Horizon Apps includes support for VMware vSAN™ with all-flash. vSAN automates storage provisioning and leverages direct-attached storage resources to drive down storage costs for desktop workloads. Customers can leverage Dell EMC VxRail, vSAN Ready Nodes, and other hyper-converged infrastructure appliances to support easy, scalable, and cost-optimized desktop and application virtualization deployments.

Business Benefits

IT organizations that leverage Horizon Apps can benefit from the following:

- Lower operating costs – Modernized management tools, leveraging Just-in-Time Apps and one-to-many provisioning, drastically reducing storage and operational costs.
- Increased productivity – End users can easily and securely access their business-critical apps from any device, anywhere.
- Enhanced security – Work at the speed of light while sensitive apps and data are secured in the data center.

Make the Move Today

Horizon Apps are available in two editions:

- Horizon Apps Standard – Powerful app virtualization with great user experience
- Horizon Apps Advanced – Just-in-Time app virtualization made simple

FEATURE	SUB-COMPONENT/PRODUCT	HORIZON APPS STANDARD	HORIZON APPS ADVANCED
License Entitlement			
Concurrent User (CCU)		•	•
Named User		•	•
Applications			
Unified Workspace: XA, RDSH, SaaS, ThinApp	VMware Identity Manager™ Standard	•	•
Published Applications (RDSH)	RDS Published Apps	•	•
Published Desktops (RDSH)	RDS Published Desktops	•	•
Packaged Applications	VMware ThinApp	•	•
Blast Extreme Protocol	VMware Horizon	•	•
Virtualization Pack for Skype for Business	VMware Horizon		•
Application and Desktop Access with Single Sign-On	VMware Identity Manager Standard	•	•
Application Management			
Real-Time Application Delivery	VMware App Volumes		•
Just-in-Time Delivery with Instant Clones Technology	VMware Horizon with View		•
User Environment Management			
User, Profile, and Policy Management	VMware User Environment Manager	•	•
INFRASTRUCTURE			
Desktop Infrastructure			
Cloud Infrastructure	VMware vSphere® Desktop & VMware vCenter® Desktop	•	•

