

VMware Horizon Air Hybrid-Mode

Application and desktop virtualization reimagined

AT A GLANCE

Drawing on the best of mobile and the cloud – Horizon Air Hybrid-Mode radically transforms traditional VDI – giving customers unprecedented simplicity, flexibility, speed and scale – all at lower costs. Horizon Air promises to have customers up and running 30x faster and cut costs over traditional solutions by as much as 50%.

A true hybrid cloud solution, Horizon Air Hybrid-Mode provides customers with a single pane of glass to simply and quickly deliver and manage on-premises virtual desktops and applications from the cloud. Partnering with hardware providers such as EMC, Dell, QCT, and Hitachi, Horizon Air Hybrid-Mode combines the economic benefits of cloud-based VMware virtual desktops and application technology, with the simplicity of hyper-converged infrastructure to transform the IT experience.

Overview

Today, deploying virtual desktops and applications can be a rigorous process if organizations are not using the right tools. Among the best run IT organizations, setting up a complete VDI environment can take several days and sometimes weeks with multiple servers/VMs to be installed and configured, networking policies implemented and applications and desktops managed. The pain is not a one-time thing – ongoing management of multiple moving parts means long maintenance windows and a lot of time needs to be set aside to design and scale the environments. Almost all environments are over-provisioned, leading to higher costs.

VMware Horizon Air Hybrid-Mode represents a new approach to building, delivering and managing virtual workspaces. Horizon Air Hybrid-Mode enables the unified management of on-premises virtual workspace services (desktops and applications) through a single cloud control plane on VMware vCloud® Air™. This new cloud service, combined with hyper-converged infrastructure solutions from our partner ecosystem enable the delivery of virtual desktops and apps for as little as \$0.50/user a day.¹ With 99.9% availability and built-in support from VMware, Horizon Air gives you peace of mind that your workforce can securely access important data and applications across devices and locations.



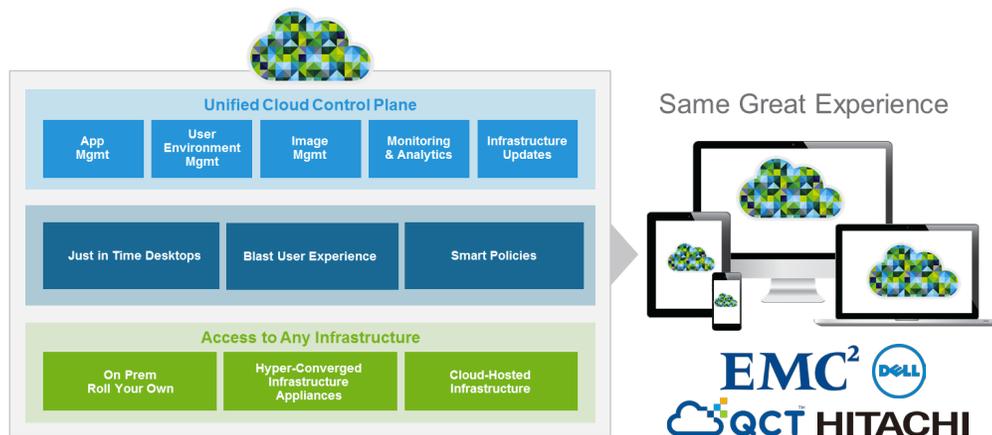
¹ Based upon 1000 users with 60% concurrency (source: VMware Horizon Air calculator)

What's New

True Hybrid Deployments with a Unified Cloud Control Plane

Deliver ultimate simplicity and flexibility with the only application and desktop virtualization service that lets you deliver desktops and application on premises between with a single cloud control plane. The cloud control plane is designed to offer IT administrators a 'single pane of glass' to help simplify the setup, delivery and monitoring of virtual desktops and applications. Customers will be able to use the control plane to configure desktops, apps and policies for groups of users, without having to deploy any management infrastructure.

- Leverage a unified cloud management console to manage all of your Horizon desktop and application services and infrastructure on premises or in the cloud
- Easily get up and running at scale with pre-configured hyper converged infrastructure
- Through an ever-expanding ecosystem of hyper-converged appliances, including hardware from Dell, EMC, QCT and Hitachi, Horizon Air Hybrid-Mode offers plug-and-play simplicity so virtual desktops and applications can be up and running in less than an hour.



Just-in-Time Delivery with Instant Clone Technology

Horizon Air Hybrid-Mode leverages VMware Instant Clone technology coupled with App Volumes to dramatically reduce infrastructure requirements while enhancing security. Instant Clone and App Volumes technology allows you to deliver brand new personalized desktop and application services instantly to end users every time they log in. Instant Clone for Horizon Air Hybrid-Mode does for app and desktop virtualization, what vMotion did for vSphere.

- Deliver pristine high-performance personalized desktops to end users every time they log in
- Reduce end point security concerns by destroying desktops every time a user logs off
- Drastically lower infrastructure costs by pooling required infrastructure and drive down storage costs by >30% with a truly stateless desktop
- Scale to over 50,000 desktops across 50+ sites with ease in a fraction of the time of traditional desktop virtualization models



Transformational User Experience with Blast Extreme

A new protocol built for the mobile cloud ensures that end users can enjoy a better desktop experience across any network, location or device.

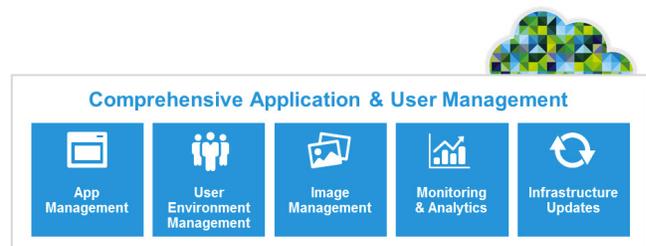
- Support the broadest range of devices including smartphones, tablets, ultra-low-cost PC's, Mac's, and more including the industry's lowest cost \$99 PCs
- Dynamically choose between VMware's Blast Extreme or PCoIP display technology - to deliver the best user experience even within the most challenging, high-latency environments
- Enjoy superior native support for non-Windows devices, including Macs



Deliver Applications and Modernize Lifecycle Management with App Volumes

Easily support end users with access to virtual desktops and published applications. Transform application management from a slow, cumbersome process into a highly scalable, nimble mechanism that provides faster application delivery and application management while reducing IT costs by up to 70%.

- Provide a modern application delivery architecture that reduces storage and operational costs with one-to-many provisioning, painless packaging, and stable installation
- Free up crucial IT resources from repetitive application maintenance tasks and decrease the time spent managing images by up to 95%
- Double IT's ability to deliver applications without the need to increase staff



Flexible Subscription Pricing

- Take advantage of low annual rates and the flexibility to pair the cloud service with infrastructure and desktops running on premises
- Speed up deployment time from months to weeks, minimizing downtime and substantially increasing user productivity
- Achieve a 50% reduction in OPEX with predictable cloud economics



Set up infrastructure
in half the time with
hyper-converged
appliances



Reduce OpEx by
50% by moving to
the cloud

50¢

Get started for as low
as \$0.50/user
per day

The Horizon Portfolio

Horizon is a single cloud platform that delivers application and desktop virtualization services across private, public and hybrid options that are centrally managed from the cloud.

On-Premises

- Horizon 7: Desktops and applications delivered on premises
- Horizon FLEX: Containerized desktops delivered locally to Mac and PC users with

Cloud Delivery

- Horizon Air Hybrid-Mode: A new offering built for cloud and hyper-converged infrastructure that delivers a hybrid model allowing you to manage your desktop and apps in the cloud, but have converged infrastructure locally
- Horizon Air Cloud-hosted: Desktops and applications delivered and managed from the public cloud

Find Out More

Horizon 7	Horizon Air	Horizon FLEX
 <p>Desktop and app delivery from private cloud</p>	 <p>Cloud-hosted or Hybrid-Mode desktop and app delivery from the public cloud</p>	 <p>Containerized desktops and apps</p>

For more information, visit <http://www.vmware.com/go/horizon>

For information or to purchase VMware products, call 877-4-VMWARE, visit <http://www.vmware.com> or search online for an authorized reseller. For detailed specifications and requirements, refer to the product documentation.

