

# VMware Horizon 6

## AT A GLANCE

Extend the power of virtualization from the data center to devices. VMware Horizon® 6 delivers virtualized or hosted desktops and applications through a single platform to end users. These desktop and application services—including RDS hosted apps, packaged apps with VMware ThinApp®, SaaS apps, and even virtualized apps from Citrix—can all be accessed from one unified workspace across devices, locations, media and connections

Leveraging closed loop management and optimized for the software - defined data center, Horizon 6 helps IT control, manage and protect all of the Windows resources end users want, at the speed they expect, with the efficiency business demands.

## WHAT'S NEW

With over 100 new features including just-in-time application delivery and user environment management to support truly stateless desktops Horizon 6 allows organizations to extend the power of desktop and application virtualization to support workplace mobility while driving greater levels of operational efficiency at lower costs.

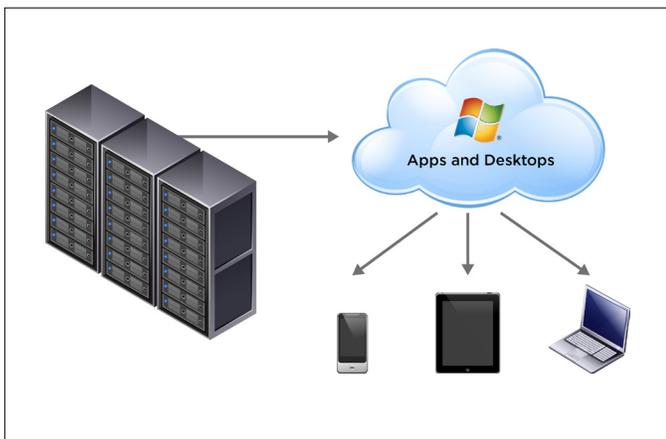


Figure 1. End-to-End Infrastructure

## End-User Computing Today

Gone are the days of client-server computing when Windows ruled the day and end users were tasked to do their work from one device and one location. Today, end users are leveraging new types of devices for work, accessing Windows applications alongside non-Windows-based applications, and are more mobile than ever.

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 6 provides IT with a new streamlined approach to deliver, protect, and manage Windows desktops and applications while containing costs and ensuring that end users can work anytime, anywhere, on any device.

## Horizon 6: Delivering Desktops and Applications as a Service

Horizon 6 allows IT to centrally manage images to streamline management, reduce costs, and maintain compliance. With Horizon 6, virtualized or hosted desktops and applications can be delivered through a single platform to end users. These desktop and application services— including RDS hosted apps, packaged apps with ThinApp, SaaS apps, and even virtualized apps from Citrix— can all be accessed from one unified workspace to provide end users with all of the resources they want, at the speed they expect, with the efficiency business demands.

## Desktops and Applications Delivered Through a Single Platform

Deliver virtual or hosted desktops and applications through a single platform to streamline management, easily entitle end users, and quickly deliver desktops and applications to end users across devices and locations.

Horizon 6 provides a single platform for delivering hosted Windows applications and shared desktop sessions from Windows Server instances using Microsoft Remote Desktop Services (RDS), virtual desktops, and ThinApp packaged applications.

Horizon 6 now supports both Windows as well as Linux-based desktops including RHEL, Ubuntu, CentOS and NeoKylin.

## Unified Workspace with Great User Experience

With Horizon 6, IT can deliver desktops and applications to end users through a unified workspace with Blast Performance to enable consistently great experiences across devices, locations, media, and connections.

Applications that can be delivered and accessed through the unified workspace include

- XenApp 5.0 and later
- RDS-hosted apps and desktops for Windows Server 2008 and later
- SaaS applications
- ThinApp 5.0 and later
- Horizon® Air™ Desktops and Horizon Air Apps

End users can also use single-sign on (SSO) from their Unified Workspace Web app portal to sign in to AirWatch Web Secure Content Locker and to enroll their devices if they are also using Airwatch MDM.

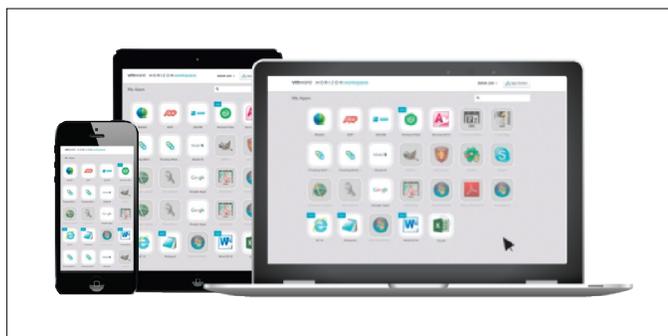


Figure 2. Unified Workspace

## Blast Performance includes

- Blast Adaptive UX – Optimized access across the WAN and LAN through an HTML browser or our purpose-built desktop protocol, PCoIP.
- Blast Multimedia – High-performance multimedia streaming for rich user experience.
- Blast 3D – Rich virtualized graphics delivering workstation-class performance including support for NVIDIA GRID vGPU.
- Blast Live Communications – Fully optimized unified communications and real-time audio-video (RTAV) support. Horizon 6 now includes support for Microsoft Lync with Windows 8.

- Blast Unity Touch – Intuitive and contextual user experience across devices, making it easy to run Windows on mobile.
- Blast Local Access – Access to local devices, USB, and device peripherals.
- Horizon Clients with Blast – Unified client for consistently great experience across devices and locations.

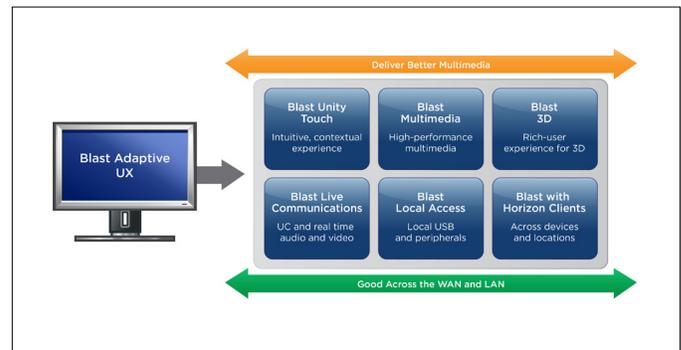


Figure 3. Horizon Blast Performance Delivers an Adaptive Experience across Devices and Locations

## Complete Workspace Environment Management

Horizon 6 ensures that IT can consolidate control, automate delivery, and protect user compute resources.



Figure 4. Horizon 6 provides complete Workspace Environment Management

## Horizon 6 now includes:

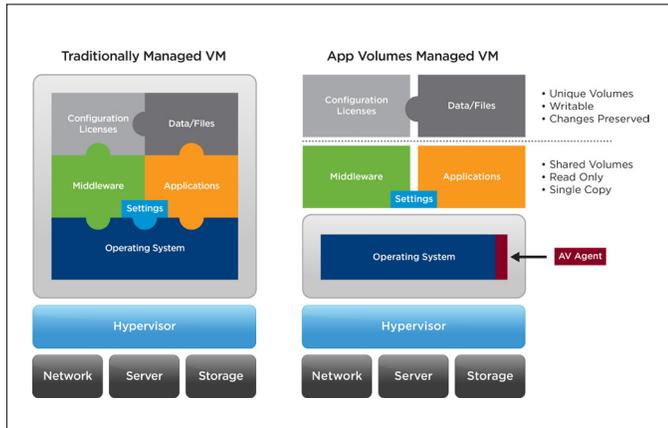
### User Environment Management and Personalization

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**

- Instantly provision applications at scale.
- Dynamically attach applications to users, groups or devices, even when users are logged onto their desktop.
- Provision, deliver, update, and retire applications in real time.



**Figure 5.** An App Volumes Managed VM is virtualized above the OS. Applications, Data Files, Settings, Middleware, and Configuration Licenses act as separate layers.

**Policy and Image Management**

- Support for desktop and application provisioning and entitlement through View
- Support for Mirage unified image management for streamlined management across virtual datacenters of physical and full clone virtual machines
- A cloud pod architecture that allows IT to easily move and locate View pods across datacenters and sites

**Analytics and Automation**

- Cloud analytics with VMware vRealize™ Operations for Desktops and Applications provides comprehensive visibility across a VMware and Citrix desktop and application environment, allowing IT to optimize the health and performance of desktop and application services.

**Orchestration and Self-Service**

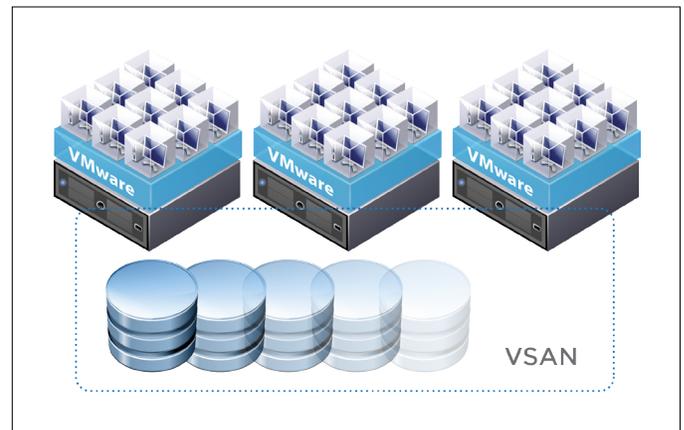
- vCenter provides a centralized platform to manage your desktop workloads
- A plug in to VMware vRealize™ Orchestrator™ to allow IT organizations leverage VMware vRealize™ Automation™ for automated desktop and application provisioning.

**Optimized for the Software-Defined Data Center**

Leverage and extend your expertise with vSphere to simply deliver desktop and application workloads. Horizon 6 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 6 includes support for VMware Virtual SAN™. Virtual SAN automates storage provisioning and leverages direct-attached storage resources to drive down storage costs for desktop workloads. Customers can also leverage EVO: RAIL with Virtual SAN and Horizon to support easy, scalable, VDI and get started for less with as little as 25 end users.

From a networking and security standpoint, Horizon with NSX further enables you to quickly and simply set up networking security policy for end users that stays with them across devices and locations regardless of any changes in the underlying physical infrastructure.



**Figure 6.** Reduce and Scale up TCO with Virtual SAN

## Make the Move Today

Horizon is available onsite through Horizon 6 or as a cloud-hosted service through VMware Horizon Air.

Horizon 6 is available in three editions:

- Horizon View Standard – Simple, powerful VDI with great user experience
- Horizon Advanced – Cost-effective delivery of desktops and applications through a unified workspace
- Horizon Enterprise – Desktops and applications delivered with cloud automation and management

FEATURE	HORIZON VIEW STANDARD	HORIZON ADVANCED	HORIZON ENTERPRISE
<b>Desktops and Applications</b>			
Windows virtual desktops and session based desktops	•	•	•
Linux Desktops			•
Unified workspace – XA, RDSH, SaaS, ThinApp	•	•	•
Hosted applications (RDSH)		•	•
Packaged applications (ThinApp)	•	•	•
BLAST PERFORMANCE (3D, UC, MMR etc)	•	•	•
<b>MANAGEMENT</b>			
<b>Image Management</b>			
Image management for physical desktops (VMware Mirage™ + VMware ThinApp)		•	•
<b>Application Management</b>			
Real-time application delivery (App Volumes)			•
<b>User Environment Management</b>			
User, profile and policy management			•
<b>Cloud Automation</b>			
Cloud automation and self-service (Orchestrator + desktop plug-in)			•
<b>Cloud Analytics and Operations Management</b>			
Operations dashboard – Health monitoring and performance analytics (vCenter Operations Manager for View)			•

FEATURE	HORIZON VIEW STANDARD	HORIZON ADVANCED	HORIZON ENTERPRISE
Capacity management – Planning and optimization (vCenter Operations Manager for View)			•
<b>INFRASTRUCTURE</b>			
<b>Storage</b>			
Virtual storage (Virtual SAN )		•	•
<b>Desktop Infrastructure</b>			
Cloud infrastructure (VMware vSphere® Desktop and vCenter Desktop)	•	•	•

## Find Out More

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.

