

# VMware Horizon 6

## Virtual or hosted desktop platform.

Provide end users access to all of their virtual desktops, applications and online services through a single workspace in a few simple clicks.



### 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 complete workspace environment 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.

### End-User computing today

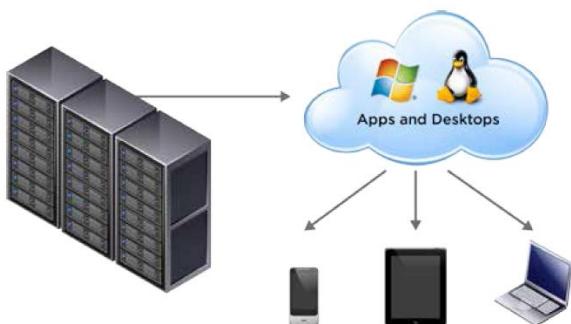
Gone are the days of client-server computing when end users were tasked to do their work from one device and one location. Today, end users are leveraging new types of devices for work—accessing Windows applications alongside non-Windows-based applications, and are more mobile than ever. In this new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



**Figure 1.** End-to-End Infrastructure

### Unified Workspace with secure and trusted access

With Horizon 6, IT can support real-time validation, streamline 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 6 supports 2-factor, smart card and biometric authentication. It is designed and certified to meet the most demanding compliance regulations including those of the Federal US Government.

Desktops and applications that can be securely delivered and accessed through the unified workspace include:

- Horizon virtual desktops
- XenApp 5.0 and later
- RDS-hosted apps and desktops for Windows Server 2008 and later
- SaaS applications
- ThinApp 5.0 and later
- VMware 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 Mobile Device Management.



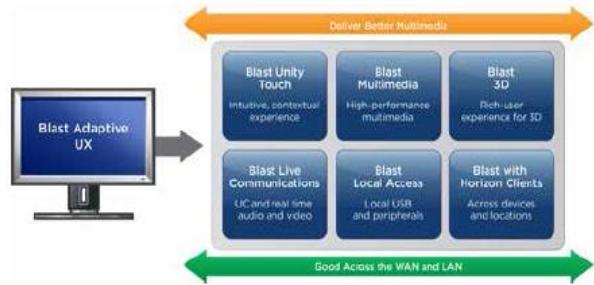
**Figure 2.** Unified Workspace

### User experience

Horizon 6 provides end users with a consistently great experience across devices, locations, media and connections. Support more use cases across your organization with feature rich capabilities and "Blast Performance" that will ensure your end users can be as productive as possible at all times.

### Blast Performance includes

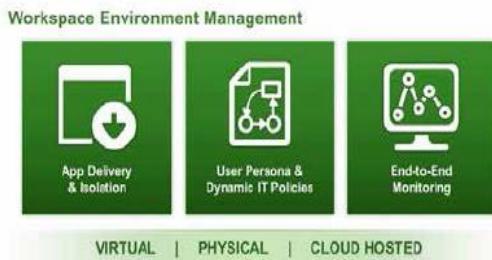
- Blast Unity Touch – Intuitive and contextual user experience across devices, making it easy to run Windows on mobile.
- Blast Local Access – Access to local devices, drives, USB, and device peripherals.
- Horizon Clients with Blast – Unified client for consistently great experience across devices and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



**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

- Easily package applications to avoid compatibility issues.
- 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.

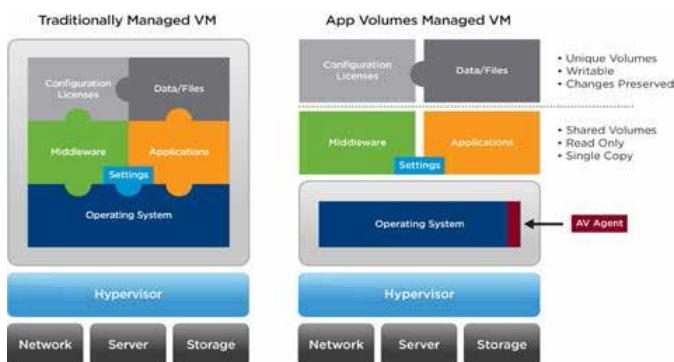


Figure 5. An App Volumes Managed VM is virtualized above the OS. Applications, Data Files, Settings, Middleware, and Configuration Licenses act as separate layers.

### Image Management

- Support desktop and application provisioning through View.
- Support VMware Mirage™ for streamlined image management across virtual datacenters of physical and full clone virtual machines.
- Update desktops or entire RDSH farm through View Composer with Linked Clones.
- Support optimal RDSH server utilization while providing great user experience.
- Build-the largest, most distributed infrastructure while enabling easy access to virtual desktops or RDSH hosted apps and desktops across geographic locations.

### Analytics and Automation

Cloud analytics with VMware vRealize™ Operations™ for Desktops and Applications provides comprehensive visibility across VMware Horizon and Citrix XenApp environments, 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™ with all-flash. Virtual SAN automates storage provisioning and leverages direct-attached storage resources to drive down storage costs for desktop workloads.

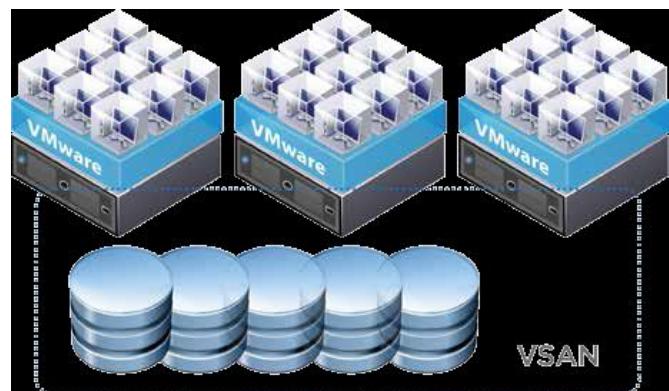


Figure 6. Reduce and scale up TCO with Virtual SAN with all-flash

### How it is provided?

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

## PRIMERGY

Following PRIMERGY Servers are released for VMware software:  
VMware Systems Compatibility HCL: <http://vmware.com/go/hcl>

## Fujitsu Manageability with ServerView Suite

ServerView is able to manage PRIMERGY servers by means of the CIM provider that Fujitsu has integrated for VMware vSphere

- Management of the physical machine under the host operating system ESXi
- ServerView RAID for configuration and management of the RAID controllers in the physical machine
- Management of the virtual machines under the guest operating systems Windows and Linux
- Remote access via onboard Integrated Remote Management Controller (IRMC), Remote Management Controller (RMC), Baseboard Management Controller (BMC), or Remote Service Board (RSB)
- Even enables access to the hardware for diagnostic purposes in the event of a failure.

## Support

### Mandatory Support and Subscription (SNS)

SNS (Support and Subscription) is mandatory for at least 1 year for all VMware software products. Fujitsu offers its own support for VMware OEM software products. This support is available for different retention periods and different support levels. The Fujitsu support levels are: Platinum Support (7x24h) or Gold Support (5x9h). Both service levels can be ordered either for 1, 3 or 5 year support terms. Please choose the appropriate Support for your project.

Your support agreement is with Fujitsu and VMware exclusively through Fujitsu (not with VMware directly). SNS is only for Fujitsu servers like PRIMERGY and PRIMEQUEST. Of course, SNS for VMware (OEM) software products can be renewed at Fujitsu prior to the end of the SNS term. SNS for VMware (OEM) software products cannot be renewed at VMware directly.

## Support Terms and Conditions

Fujitsu Terms and Conditions can be found under:

[FUJITSU ServiceContract Software](#)

[FUJITSU Support Pack Software](#)

[Technical Appendix VMware Software](#)

## Fujitsu Professional Service

Installation, configuration or optimization services for VMware software are optional service offerings. Additionally operations services from Fujitsu are available. Any additional and optional service can be requested from Fujitsu Professional Services.

## Product Activation Code Registration

Please register your activation code at

<http://www.vmware.com/code/fsc>.

Registration will generate the license key. Help can be found at:

<http://www.vmware.com/support/licensing.html>.

If you have any problems, you can send an email to  
[vi-hotline@vmware.com](mailto:vi-hotline@vmware.com).

## Warranty

Class: C

## Conditions

This software product is supplied to the customer under the VMware conditions as set forth in the EULA of the VMware software at

<http://www.vmware.com/download/eula/>.

# More information

## Fujitsu offerings

In addition to VMware software, Fujitsu provides a range of platform solutions. They combine reliable Fujitsu products with the best in services, know-how and worldwide partnerships.

### Fujitsu Portfolio

Built on industry standards, Fujitsu offers a full portfolio of IT hardware and software products, services, solutions and cloud offering, ranging from clients to datacenter solutions and includes the broad stack of Business Solutions, as well as the full stack of Cloud offerings. This allows customers to select from alternative sourcing and delivery models to increase their business agility and to improve their IT operation's reliability.

### Computing Products

[www.fujitsu.com/global/products/computing/](http://www.fujitsu.com/global/products/computing/)

### Software

[www.fujitsu.com/software/](http://www.fujitsu.com/software/)

## More information

To learn more about VMware vSphere please contact your Fujitsu sales representative, Fujitsu business partner, or visit our website. [www.fujitsu.com/fts](http://www.fujitsu.com/fts)

## Fujitsu green policy innovation

Fujitsu Green Policy Innovation is our worldwide project for reducing burdens on the environment.

Using our global know-how, we aim to contribute to the creation of a sustainable environment for future generations through IT.

Please find further information at <http://www.fujitsu.com/global/about/environment>



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