

# VMWARE HORIZON



SOLUTION BRIEF

**THIS IS INNOVATION AT WORK**

## POWER YOUR WORKLOADS, CLOUDS, AND DEVICES WITH THE SHI-VMWARE PARTNERSHIP

SHI and VMware have teamed up to offer you state-of-the-art technologies with expert strategy, deployment, integration, implementation, and management. With our technical expertise and guidance, you can speed up your business growth and realize your full potential.



## VMware Horizon combines the power of 10 VMware components

### **Unified management console**

Configure the server, deploy and manage desktops, control user authentication, initiate and examine system and user events, deliver support to end users, and perform analytic activities, all with [VMware Horizon Console](#).

### **Software client app.**

Enable workers to connect to their virtual worktop from the device of their choice, including Windows, macOS, iOS, Linux, Chrome, and Android with [VMware Horizon Client](#). Or use a web browser as an HTML client.

### **Cross-pod management**

Unify monitoring and management of images, applications, and lifecycles across on-premises, hybrid and multi-cloud deployments [VMware Horizon Control Plane](#).

### **Remote security access**

Enable users outside the corporate network to access their virtual desktops and published applications securely without using a VPN, with [VMware Unified Access Gateway](#).

### **End user authentication**

Authenticate users and manage their sessions with virtual desktops or published apps hosted on Microsoft Windows Remote Desktop Session Host (RDSH) virtual machines (VMs). And use the instant-clone engine for single-image management, including automation capabilities, all with [Horizon Connection Servers](#).

### **Connect services across clouds**

Connect services across Horizon 7 or Horizon 8 implementations, and/or support a hybrid approach.

### **Horizon agent**

Installed on all virtual machines, physical systems, and Microsoft RDS hosts used for powering remote desktops and applications, [VMware Horizon Agent](#) enables you to manage the VM by connection Servers, and enables a Horizon Client clients to form a protocol session to the VM.

### **Identity and access management**

Provide users access via multi-factor authentication, conditional access and single sign-on to Horizon desktops and apps, web apps, and SaaS apps through a browser, with [VMware Workspace ONE® Access](#).

### **RHDS servers**

Create a golden image of published applications and session-based remote desktops and deliver them to your end users via Remote Desktop Session Host server farms and virtual desktop pools with [RDSH servers](#).

### **Unified management for containers and VMs**

Host all the components of your Horizon architecture, including the server VMs, desktop VMs, RDSH server VMs, and so on, with [VMware vSphere®](#).

## **How does VMware Horizon benefit IT?**

### **Streamlined image management**

Save time and effort by centralizing creation, maintenance and distribution of virtual desktop and application images environments—including image updates, rollbacks and automated replication.

### **Centralized application management**

Reduce image count, maintenance and complexity by packaging each app once and deploying it across environments, both on-premise and in the cloud.

### **Centralized monitoring**

Reduce downtime with a single interface for real-time health monitoring of the user session, virtual desktops, and apps across Horizon environments. Quickly troubleshoot user sessions with detailed metrics via helpdesk service.

### **Flexible hybrid and multi-cloud deployment support**

Deploy and manage desktops and apps on-premises or in the public cloud, including Microsoft Azure, VMware Cloud™ on AWS, Google Cloud, IBM, and more.

### **Multi-OS deployment support**

Quickly deliver Windows and Linux resources at scale across multiple data centers, and publish apps from Windows and Linux servers or Windows desktops.

### **User-specific settings and smart policy options**

Set policies that control access based on the user's role, device, or location. Configure options such as folder redirection for storing personal user data, including documents, pictures, and more.

### **How does VMware Horizon benefit end users?**

#### **Enable easy access from any device**

Access your virtual desktops and applications, you can connect to your VM from a Windows, macOS, Linux, iOS, Chromebook, or Android device. Or you can use a web browser as an HTML client. Horizon Clients can be downloaded from [my.vmware.com](https://my.vmware.com).

#### **Enhance user experiences**

Deliver more seamless, consistent experiences by automating delivery of all relevant resources, desktops, and apps. Streamline their UI by only showing services assigned to them.

#### **Optimize communications and collaboration**

Optimize audio and video support for Microsoft Teams, Zoom, Cisco WebEx, and other communication and collaboration tools. And support collaboration by enabling multiple users to view and modify the same desktop in real time.

#### **Streamline access**

Simplify login process the single-sign-on option, which provides access to all the desktops and apps they need to do their jobs.

#### **Deliver immersive, feature-rich experiences**

Support high-definition, graphically intensive display, including rich 2D and 3D graphics and responsive, high-fidelity displays, including integration with NVIDIA, Intel, and AMD.



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