



# VMware Horizon

## A modern platform for secure delivery of virtual desktops and apps

### What's new

Flexible deployment options and hybrid and multi-cloud capabilities let organizations leverage the cloud and unlock key use cases. Continuously updated management capabilities in the Horizon Control Plane enable organizations to reduce complexity by unifying management and entitlement across pods and clouds.

### At a glance

VMware Horizon is a modern platform for secure delivery of virtual desktops and apps across the hybrid cloud. VMware's virtualization heritage provides Horizon unique benefits and best-in-class technologies that enable one-to-many provisioning and streamlined management of images, apps, profiles and policies for an agile, lightweight, modern approach that speeds, simplifies and reduces costs. Horizon, powered by the Blast Extreme protocol, delivers an immersive, feature-rich user experience for end users across devices, locations, media and network connections. Enabled by enterprise-grade management capabilities and a deep VMware technology ecosystem, Horizon extends the digital workspace to all apps.

Embracing modern technology has become critical with the growth in remote work, mobility and hybrid cloud and the security that these trends require. These changes give organizations the opportunity to use technology to build a digital-first culture and accelerate business outcomes, but they also introduce challenges for IT and end users. While easy access to corporate apps and data from any device increases end-user productivity and engagement, it also requires the highest level of security. Managing and delivering services across distributed environments to end users with traditional or legacy desktop and app tools has also become increasingly difficult.

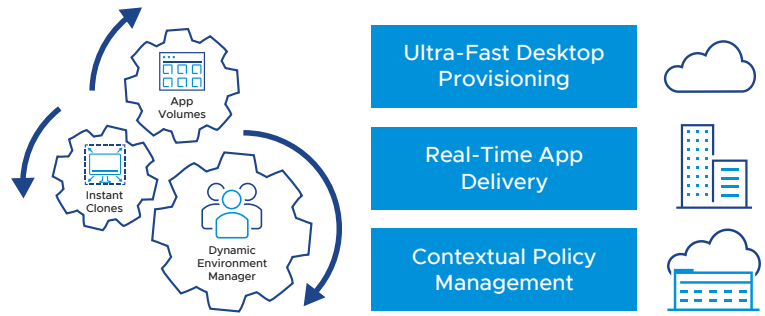
VMware Horizon® provides IT with a modern, streamlined approach to deliver, protect and manage Windows and Linux desktops and applications while containing costs and ensuring that end users can work anytime, anywhere, on any device.

### Horizon: From on-premises to the hybrid and multi-cloud

Leveraging best-in-class management capabilities and deep integrations with the VMware technology ecosystem, the Horizon platform delivers a modern approach for desktop and app management that extends from on-premises to the hybrid and multi-cloud. The result is fast and simple virtual desktop and application delivery that brings the best digital workspace experience to all applications.

### Modern platform for simplicity and speed

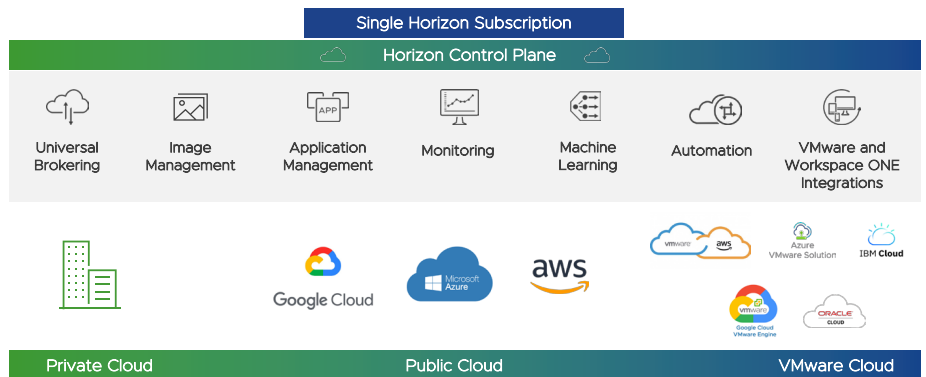
You can rapidly deploy full-featured, personalized virtual desktops and apps in seconds by leveraging Instant Clone, VMware App Volumes™, and VMware Dynamic Environment Manager technologies. Instant clone desktops retain user customization and persona from session to session and can be destroyed at logout, an agile provisioning approach that can quickly roll out updated images and apps at the next login. One-to-many provisioning and complete API extensibility of the Horizon platform streamlines and automates day 2 management of images, apps, profiles and policies. IT can take advantage of this lightweight, modern approach that simplifies management, saves time, and reduces costs, but not at the expense of user customization and personalization.



**Figure 1:** Just-in-time management technologies eliminate cost and complexity.

### Hybrid delivery, management and scale

Flexible deployment options across private and public clouds, such as Microsoft Azure, VMware Cloud™ on AWS, and Google Cloud, enable hybrid and multi-cloud architectures. Always up-to-date services in the Horizon Control Plane connect entitlement and management layers across Horizon pods in different data centers and clouds, addressing challenges such as monitoring and image, application and lifecycle management. The integrated Universal Broker delivers a global entitlement layer that lets end users access their personal desktop or app in any connected pod or cloud, providing an optimized user experience based on proximity. These features, coupled with real-time desktop and application delivery and consistent end-to-end security, address key hybrid use cases such as business continuity, real-time bursting, disaster recovery and high availability, simplifying and optimizing your cloud investment.

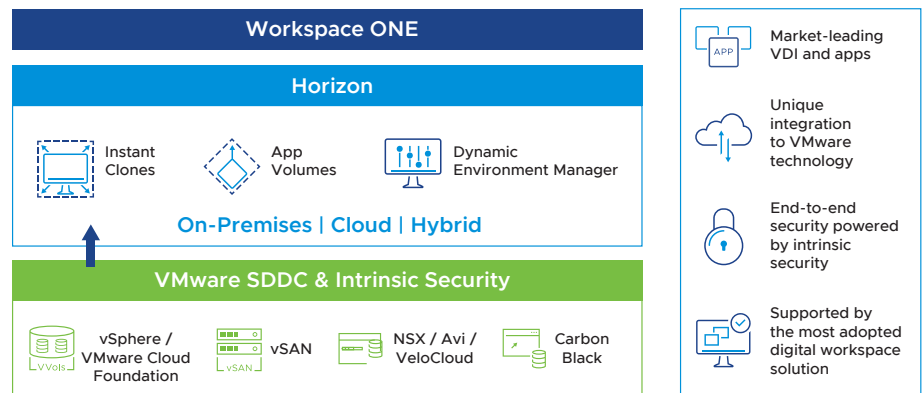


**Figure 2:** Leverage cloud resources for hybrid delivery and management. Simplify VDI and app management across clouds with the Horizon Control Plane.

### End-to-end security from your trusted partner

Horizon delivers secure remote access to corporate resources from bring-your-own or corporate devices and centrally hosted desktops and apps. Intrinsic security that is built into your VMware infrastructure helps provide complete security from the device, across the network, and into the data center and cloud. VMware Workspace ONE® Access establishes and verifies end-user identity with multifactor authentication and serves as the basis for conditional access and network microsegmentation policies for Horizon virtual desktops and apps.

Additional security features that are supported by Horizon, such as VMware NSX® Advanced Load Balancer (formerly known as Avi Networks) and VMware SD-WAN™, are woven into VMware technologies across the network. With next-generation endpoint protection from Carbon Black, IT can further improve security on virtual desktops and apps. These intrinsic elements help provide a Zero Trust access security model across users, apps and endpoints that empowers employees without sacrificing security.



**Figure 3:** Enable the future-ready workforce with Horizon 8, a modern platform for secure delivery of VDI and apps across the hybrid cloud.

### Unique integration with VMware technology

Leveraging VMware’s virtualization heritage and leadership in the Software-Defined Data Center and digital workspace technology, Horizon delivers unique benefits across management, networking, security and user experience. Built on VMware Cloud Foundation™, Horizon can leverage the market-leading capabilities of VMware vSphere®, VMware vSAN™ and VMware NSX to deliver real-time desktops and applications, strengthen security, and simplify and automate day 2 operations.

VMware Cloud Foundation forms the bedrock of the leading hyperconverged infrastructure across on-premises and cloud deployments, delivering a seamless turnkey solution that enables just-in-time desktops and apps with Instant Clones, App Volumes, and Dynamic Environment Manager. IT can ultimately eliminate the need to build, test and support disparate storage, virtualization and networking products. To provide the best digital workspace experience for employees, Horizon virtual desktops and apps can be securely accessed directly from Workspace ONE through the Workspace ONE Intelligent Hub.

### The best digital workspace experience

By providing access to Horizon virtual desktops and apps through Workspace ONE, IT can further extend the best digital workspace experience to all apps and use cases. Horizon features include single sign-on, session collaboration, and support for hundreds of peripherals. Personalized desktops deliver optimal performance and an immersive, feature-rich user experience across devices, locations, media and network connections. Remote and mobile workers enjoy workstation-class performance and rich 2D and 3D graphics with the Blast Extreme protocol, which offers dynamic optimization in non-ideal, high-latency, low-bandwidth network conditions.

## Find out more

For more information, visit [vmware.com/go/horizon](https://vmware.com/go/horizon).

For information or to purchase VMware products, call 877-4-VMWARE, visit [vmware.com](https://vmware.com), or search online for an authorized reseller. For detailed specifications and requirements, refer to the product documentation.

Our relentless pursuit of the best digital workspace experience is enabled by our enterprise-grade management capabilities and technology ecosystem with user-centric performance metrics and monitoring, advanced load balancing, and SD-WAN optimization that extend from on-premises to the hybrid and multi-cloud.

## Make the move today

VMware Horizon is available as a subscription SaaS or Term offering.

A Horizon subscription provides a single, flexible entitlement to all Horizon technology, services and deployment options: on-premises, in the cloud, or hybrid and multi-clouds. You can choose from these SaaS licenses:

- **Horizon Universal** – Premium desktop and app delivery with a full suite of cloud management services for multi-cloud deployments
- **Horizon Enterprise Plus** – Advanced desktop and app delivery with select cloud management services for a single cloud deployment
- **Horizon Standard Plus** – Premium desktop and app delivery with a full suite of cloud management services for multi-cloud deployments
- **Horizon Apps Universal** – Powerful app delivery with a full suite of cloud management services for hybrid cloud deployment
- **Horizon Apps Standard** – Simple app delivery with basic cloud management services for on-premises or cloud deployment

If you prefer a Term license:

- **Horizon Enterprise Term** – Desktops and applications delivered with closed-loop management and automation
- **Horizon Advanced Term** – Cost-effective delivery of virtual desktops and applications through a unified workspace
- **Horizon Standard Term** – Simple, powerful virtual desktop infrastructure with a great user experience
- **Horizon Apps Advanced Term** – Powerful application virtualization with closed-loop management and automation Horizon is also available as part of select Workspace ONE editions.
- **Horizon Apps Standard Term** – Simple, powerful application virtualization with a great user experience

Horizon is also available as part of select Workspace ONE editions.

For information on bundle features, see the [feature comparison matrix for Horizon subscription licenses](#) and [Horizon term licenses](#).