

Omnissa Horizon 8



At a glance

Power the next generation of secure, virtual desktops and apps from on-premises to any cloud.

The shift from physical to digital workspaces has redefined how we work, unlocking the opportunity for organizations to create more flexible, secure, and responsive digital workspaces that empower employees to access resources, regardless of location or device. However, with this transformation comes a new challenge. Now, your IT organization must find a way to provide fast, secure, seamless access to corporate desktops and apps while also managing these services in a cost-effective, streamlined method across diverse infrastructures—on-premises, public cloud, or a mix of both.

Omnissa Horizon[®] 8 securely delivers virtual desktops and apps across private, multi-cloud, and hybrid environments, enabling a digital workspace with an unmatched end-user experience. With a flexible architecture designed to meet your evolving business needs, Horizon 8 simplifies VDI management, streamlines app delivery, and enhances security, equipping your organization with a modern solution to empower a productive, dynamic workforce.

omnissa™



Deliver, manage, and scale desktops and apps across any cloud

Horizon 8 provides the software organizations need to build a scalable virtual desktop and app infrastructure, supporting hybrid cloud deployments and delivery across any cloud environment. With deployment options spanning private and public clouds such as on-premises, Microsoft, AWS, and Google Cloud, Horizon 8 empowers IT to leverage the cloud(s) of their choice for cost-effective virtual desktop and app delivery. Flexible deployment options allow you to rapidly provision cloud resources as needed, scaling up or down for scenarios such as seasonal workforce fluctuations, remote work expansion, or global growth. As your business requirements evolve, hybrid cloud capabilities enable seamless support for critical use cases like disaster recovery, data center expansion, and cloud bursting, offering continuous operations, cost efficiency, and scalability to help your organization stay resilient and adaptable.

Secure your virtual desktops and apps with confidence

Horizon 8 delivers enterprise-grade security by protecting data, implementing policies for granular control, and offering advanced security tools for virtual environments. It centralizes data storage in the data center or cloud, reducing risks from device loss, theft, or unauthorized access and helping to ensure sensitive information remains uncompromised. Admins can enable granular policies to control actions such as copy-paste, printing, and real-time audio-video usage. They can also regulate USB device access, specifying allowed types while blocking others.

Additional policies like screen scraping, keylogging, and script injection provide an extra layer of security to help safeguard end-user sessions. Also, advanced security tools like Horizon Recording offer visibility into end-user activity for compliance and troubleshooting, while forensic tools enable IT teams to review and preserve nonpersistent VM sessions when necessary. Together, these comprehensive security measures make Horizon 8 a trusted solution for protecting virtual desktops and applications.

Deliver exceptional performance with an unmatched end-user experience

Horizon 8, powered by the Horizon® Blast display protocol, delivers seamless, feature-rich virtual desktops and apps for a superior experience. End-users can connect instantly to their remote sessions and enjoy responsive, high-fidelity displays, even for graphically intensive 3D and high-definition (up to 8K) content. Horizon Blast delivers consistent and reliable performance across any network condition—including low bandwidth—keeping employees connected and productive.

With optimized audio and video for collaboration tools like Microsoft Teams, Cisco WebEx, and Zoom, end-users enjoy high-quality calls and video without latency or connectivity issues. Horizon 8 supports high-end graphics and 3D applications backed by partnerships with NVIDIA, Intel, and AMD, enabling cost-effective, pristine rendering through virtual GPU sharing. End-users also benefit from support for thousands of peripherals, providing broad compatibility and flexibility, while IT maintains control of which devices can connect for enhanced security. Additionally, Horizon Blast optimization templates, combined with Dynamic Environment Manager profiles, simplify network management by applying tailored settings for different network conditions, helping ensure consistent performance across both high-speed and low-bandwidth scenarios.

Revolutionize app delivery with simplicity and efficiency

Omnissa App Volumes offers a unique solution for app delivery and management, supporting both nonpersistent and persistent desktops across any VDI platform or published app cloud including Horizon, Citrix Virtual Apps and Desktops, and RDSH environments. With its unique separation of the operating system and application layers, one-to-many app provisioning, and Apps on Demand capability, App Volumes reduces complexity, lowers costs, and significantly simplifies app lifecycle management to deliver a stronger ROI than traditional approaches. App Volumes allows your IT teams to maintain a single evergreen OS image and one app copy, significantly reducing management overhead and infrastructure requirements.

With the Apps on Demand capability, App Volumes transforms traditional app delivery by delivering apps only when needed, eliminating the need for complex server farms and streamlining updates—no coordination or extensive downtime necessary. This enables IT admins to operate more efficiently, reduces the attack surface, and enhances the end-user experience with the delivery of on-demand, personalized apps.

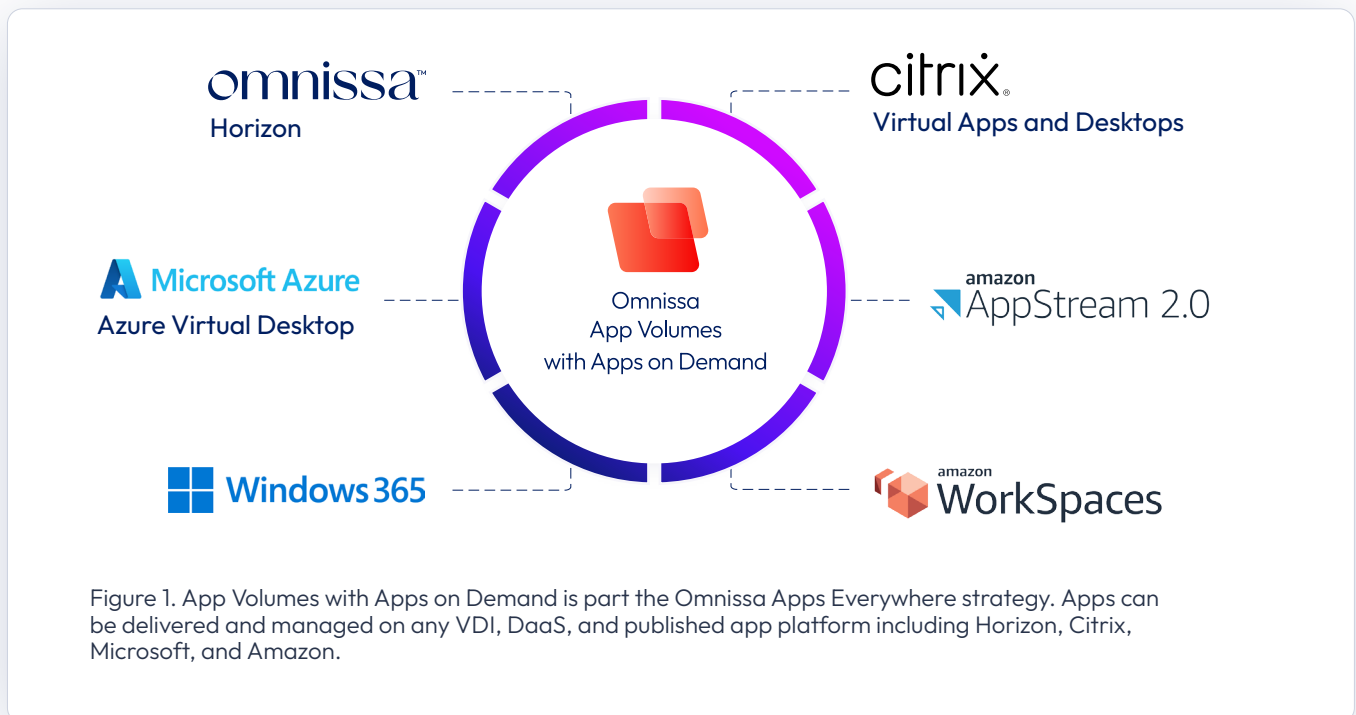


Figure 1. App Volumes with Apps on Demand is part the Omnissa Apps Everywhere strategy. Apps can be delivered and managed on any VDI, DaaS, and published app platform including Horizon, Citrix, Microsoft, and Amazon.

Automate workflows and simplify IT operations

Horizon 8 provides powerful tools to automate workflows, simplify operations, and streamline infrastructure management. By leveraging RESTful APIs and supporting Infrastructure as Code (IaC) tools like Terraform, Horizon simplifies complex processes, reduces errors, and accelerates deployments. An API-first approach enables your organization to automate repetitive tasks while providing the flexibility to integrate with third-party tools. Horizon 8 offers a robust set of **REST APIs** that can automate operations within a Horizon environment, including lifecycle management tasks such as the installation and upgrade of Horizon Connection Servers and Enrollment Servers.

In addition to REST APIs, Horizon 8 supports Terraform as an option for organizations incorporating Infrastructure as Code (IaC) into their workflows. **The Horizon Terraform Provider** enables IaC-driven automation for tasks such as image and app creation and modification, entitlement management, and cloud pod architecture configuration, providing a more predictable, consistent, and scalable virtual desktop environment.

Enable seamless workspace management with integrated solutions

Omnissa provides a complete portfolio of integrated solutions, products, and capabilities designed to empower your organization to build high-performance digital workspaces. From simplifying Day 2 operations with Omnissa Workspace ONE® Unified Endpoint Management (UEM), to optimizing the digital employee experience (DEX) with Omnissa Intelligence, to delivering tailored workspaces with Omnissa Dynamic Environment Manager (DEM), Omnissa helps ensure your IT teams can efficiently manage virtual desktop and app environments while delivering a consistent, high-quality experience for every employee.

Simplify Day 2 operations across your digital workspace

Workspace ONE UEM extends its management capabilities to Horizon 8 persistent desktops, simplifying Day 2 tasks without reimaging. With UEM, IT admins can leverage a single platform to manage golden images, apply Day 2 updates and patches, perform driver updates, orchestrate management workflows, and implement policies using a cloud-native and unified solution. By managing all physical and virtual desktops together, your IT organization can reduce costs and complexity and streamline operations across both physical and virtual devices.

Empower employees with high-performing digital workspaces

Horizon 8 has integrated with the Omnissa DEX solution to deliver targeted and proactive employee experience insights across virtual desktop and app environments. Horizon provides session-related information to DEX, streamlining the collection and transfer of in-guest VM telemetry directly to Omnissa Intelligence. The solution provides IT teams with valuable insights into virtual workspace performance and end-user experience, enabling them to proactively address issues, optimize resources, and more efficiently resolve service desk tickets. By streamlining IT processes and reducing unnecessary troubleshooting, the solution provides a high-performing end-user environment, translating to increased operational efficiency and improved employee productivity.

Additionally, Omnissa Freestyle Orchestrator workflows can be triggered using Horizon 8 data available in Workspace ONE Intelligence, with DEX for Horizon. Together, these tools can help IT teams improve efficiency and reduce the time and resources needed to manage digital workspaces.

Provide personalized workspaces for every employee

DEM provides admins with a robust solution for profile and persona management and the ability to deliver a personalized workspace experience to end-users across devices and locations. Admins get the ease of managing app and persona settings while providing end-users with a consistent desktop and application experience.

Empower your workforce with secure, flexible, and scalable digital workspaces

Horizon 8 helps your organization meet the demands of today's dynamic work environments head-on. By delivering secure, high-performing virtual desktops and apps across private, public, and hybrid cloud environments, Horizon 8 empowers your organization to stay agile and resilient.

Whether enabling scalable virtual desktop and app delivery, optimizing end-user experiences, or safeguarding critical data, Horizon 8 gives you the flexibility and performance you need to build a future-ready and secure digital workspace, tailored to meet the unique challenges of the modern workforce.

Horizon 8 subscription offers

- **Horizon Universal Subscription** – Premium desktop and app delivery with a full suite of cloud management services for multi-cloud deployments.
- **Horizon Apps Universal Subscription** – Powerful app delivery with a full suite of cloud management services for hybrid cloud deployments.
- **Horizon Standard Apps Subscription** – Simple app delivery with basic cloud management services for an on-premises or cloud deployment.
- **Horizon Enterprise Term Subscription** – Premium desktop and application delivery for on-premises and cloud deployments.



Get started

To learn more, visit the [Horizon 8 web page](#) or [contact](#) your Omnissa representative.