

omnissa™

Horizon VDI, DaaS, and Apps

Solution Overview

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IT Organizations Face Many Challenges Managing Desktops and Apps



Security & compliance

93% of employees knowingly take actions that bypass security controls and increase risk for their organization¹



App access

Inability for employees to securely access essential corporate resources via apps from **any device**



Legacy systems

Roughly **31%** of an organization's tech is comprised of legacy systems, with maintenance costing 60-80% of IT budgets²



IT talent shortage

By 2026, more than **90%** of organizations worldwide will feel the pain of the IT skills crises, amounting to \$5.5 trillion in losses³

1: [Gartner Top Trends in Cybersecurity for 2024](#); Jan 2024; ID G00802944

2: [Mechanical Orchard](#); Jan 2023

3: [IDC](#), May 2024

IT Organizations Face Many Challenges Managing Desktops and Apps



Security &



App access



Legacy systems



IT talent

Horizon

A Modern Platform for Secure Delivery of VDI, DaaS, and Published Apps on Any Cloud

Users may bypass security controls and increase risk for their organization¹

Accessing resources via apps from **any device**

Managing legacy systems, with maintenance costing 60-80% of IT budgets²

Addressing the pain of the IT skills crises, amounting to \$5.5 trillion in losses³

1: [Gartner Top Trends in Cybersecurity for 2024](#); Jan 2024; ID G00802944

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Enterprise-grade desktop and app virtualization trusted by tens of thousands of customers globally across all industries



Healthcare

Provide life-critical services 24/7/365 and secure access to patient data for compliance



Retail

Modernize POS store operations and call centers for permanent and seasonal workers



Public Sector

Secure sensitive data for defense agencies and state/local government



Education

Empower students to learn from anywhere on any device, including for temporary use



Financial Services

Maintain regulatory compliance, minimize downtime, and reduce physical space requirements



Manufacturing

Scale GPU-powered virtual desktops and apps for designers and engineers

Recognized as a leader

- 2024 IDC VCC MarketScape
- 2024 IDC DaaS MarketScape
- 2024 Gartner DaaS Magic Quadrant

Security certifications

- NIAP
- PCI-DSS
- G-Cloud
- ISO 27001, 27017, 27018
- SOC 2 and 3

Strategic alliances



Ecosystem partners include F5, IGEL, HP, and many more

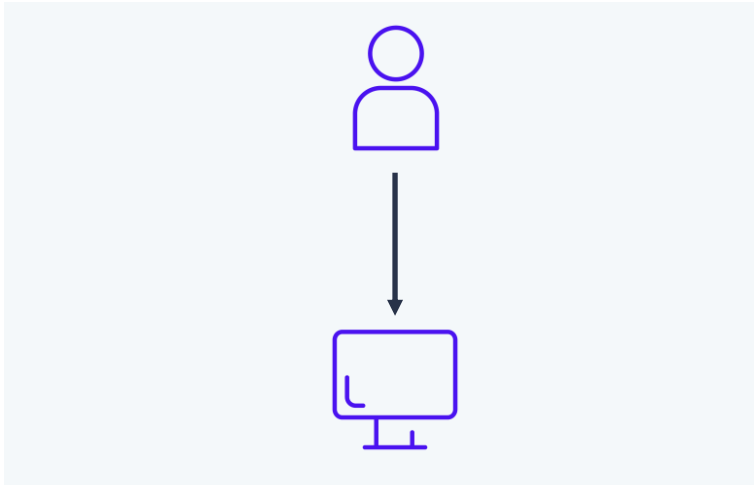
Deliver VDI and RDSH Desktops and Apps to Meet Your Requirements

Persistent VDI

Uses Full Clone Technology

Complete user control for customization

User familiarity to physical desktop

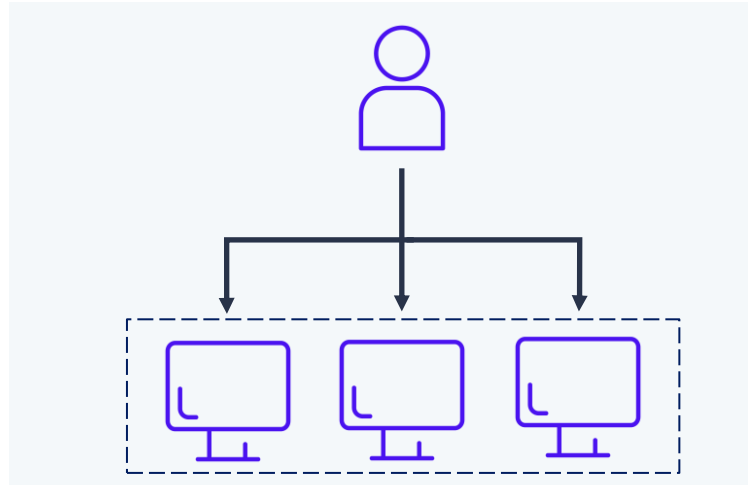


Non-Persistent VDI

Uses Instant Clone Technology

Enhanced security with fast provisioning of clean desktops

Lower cost-model with persistent-like experience

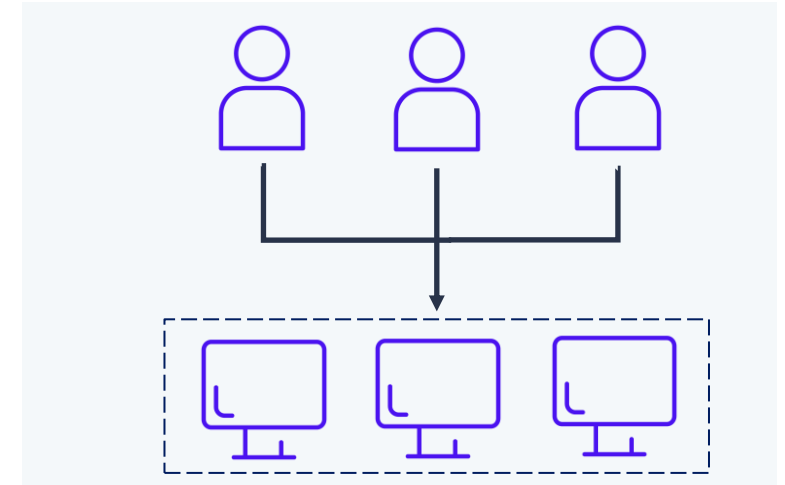


RDSH Desktops & Apps

Allows familiar Windows 10 or 11 OS experience through RDSH

Can use Azure Virtual Desktop entitlement for multi-session

Lowest cost-model with multi-session



Easy To Get Started with Horizon On-Premises VDI, Apps, or DaaS

Multiple virtual desktop and app options to meet your use cases and cost models

VDI & Apps



Horizon 8 On-Premises /
Private Cloud

DaaS



Horizon Cloud
on Microsoft Azure

Cloud Management (Horizon Control Plane)	 (Optional)	
Desktops & Apps		
Horizon Infrastructure		
Virtualization		
Hardware		

 managed by customer

 managed by Omnisia
or IaaS vendor

Run virtual desktops and apps anywhere

- On-premises (customer-managed)
- Native cloud (vendor-managed)
- Combination (multi-cloud)

Deliver any type of virtual desktop or app

- Persistent, non-persistent, and multi-session
- Unique on-demand app management model reduces traditional desktop and app costs

VMware Cloud Adds vSphere-Based Public Cloud Options


















Horizon 8 On-Premises / Private Cloud



Horizon 8 on VMware Cloud
AWS, AVS, GCVE, OCVS, IBM, ACVS



Horizon Cloud on Microsoft Azure

	Horizon 8 On-Premises / Private Cloud	Horizon 8 on VMware Cloud AWS, AVS, GCVE, OCVS, IBM, ACVS	Horizon Cloud on Microsoft Azure
Cloud Management (Horizon Control Plane)	 (Optional)		
Desktops & Apps			
Horizon Infrastructure			
Virtualization			
Hardware			

 managed by customer

 managed by Omnisson or IaaS vendor

Horizon 8 Can Also Be Deployed Natively on AWS



Cloud Management (Horizon Control Plane)	 (Optional)	
Desktops & Apps	 (Persistent Desktops)	 (RDSH)
Horizon Infrastructure		
Virtualization		
Hardware		

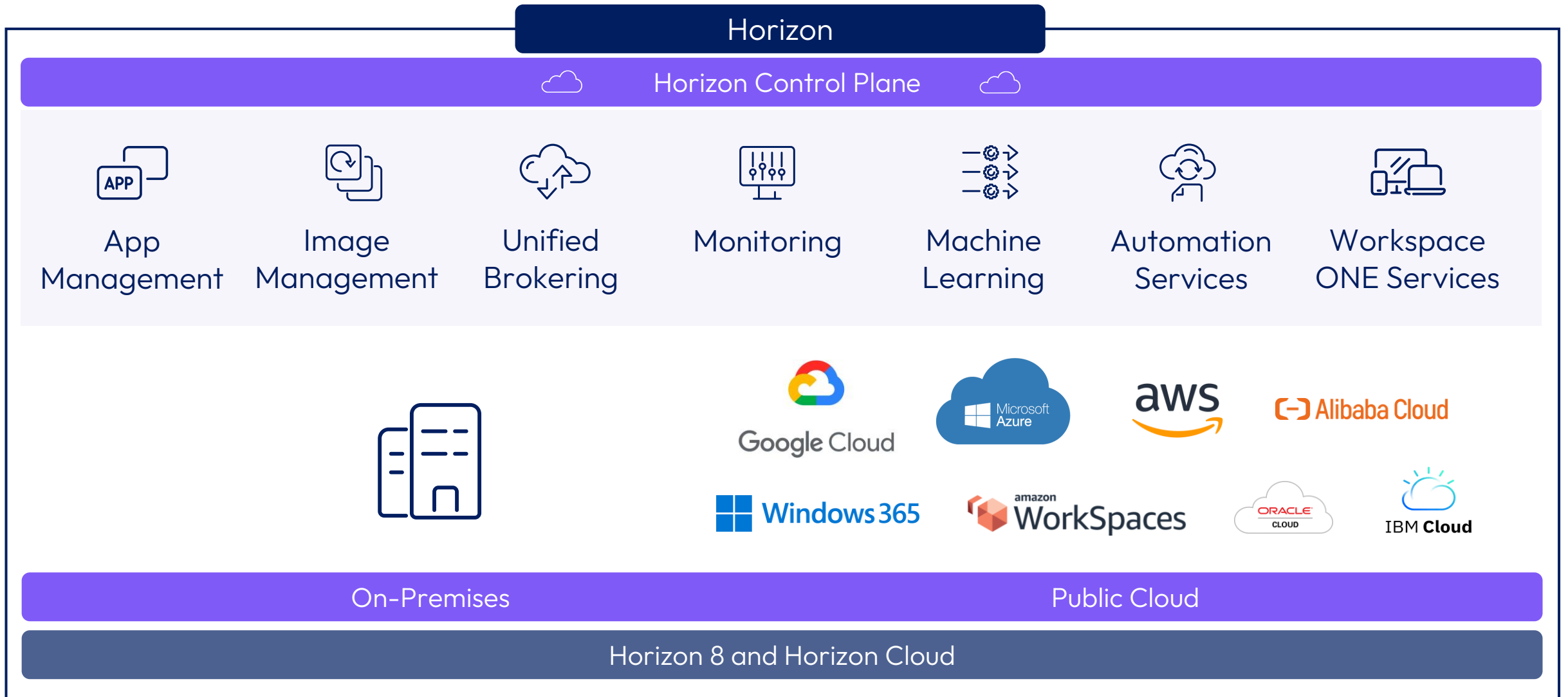
 | managed by customer  | managed by Omnisca or IaaS vendor

Optimize desktop delivery using Blast protocol for an excellent user experience

Improve employee experience by co-locating Horizon VDI and apps with Amazon workloads

Enable Horizon on-premises cloud bursting to AWS regions worldwide

The Horizon Control Plane Unifies Management Across Any Deployment You Choose



Modern Next-Gen SaaS Services Automate and Simplify Management Across Clouds and Datacenters

Horizon Control Plane



App Management

- Simplify app delivery with App Volumes one-to-many provisioning
- Reduce management and infrastructure costs with Apps on Demand



Image Management

- Simplify image management by controlling image versions, with replication across pods
- Automatically distribute images across pods to reduce time and cost



Unified Brokering

- Enhance user experience across pods and sites with Cloud Pod Architecture
- Allow easy access to cloud desktops with Cloud Entitlement On-Ramp



Monitoring

- Improve user experience with insights from WS1 Intelligence and DEX for Horizon
- Reduce time to resolution with Horizon Help Desk Tool



ML / Automation Services

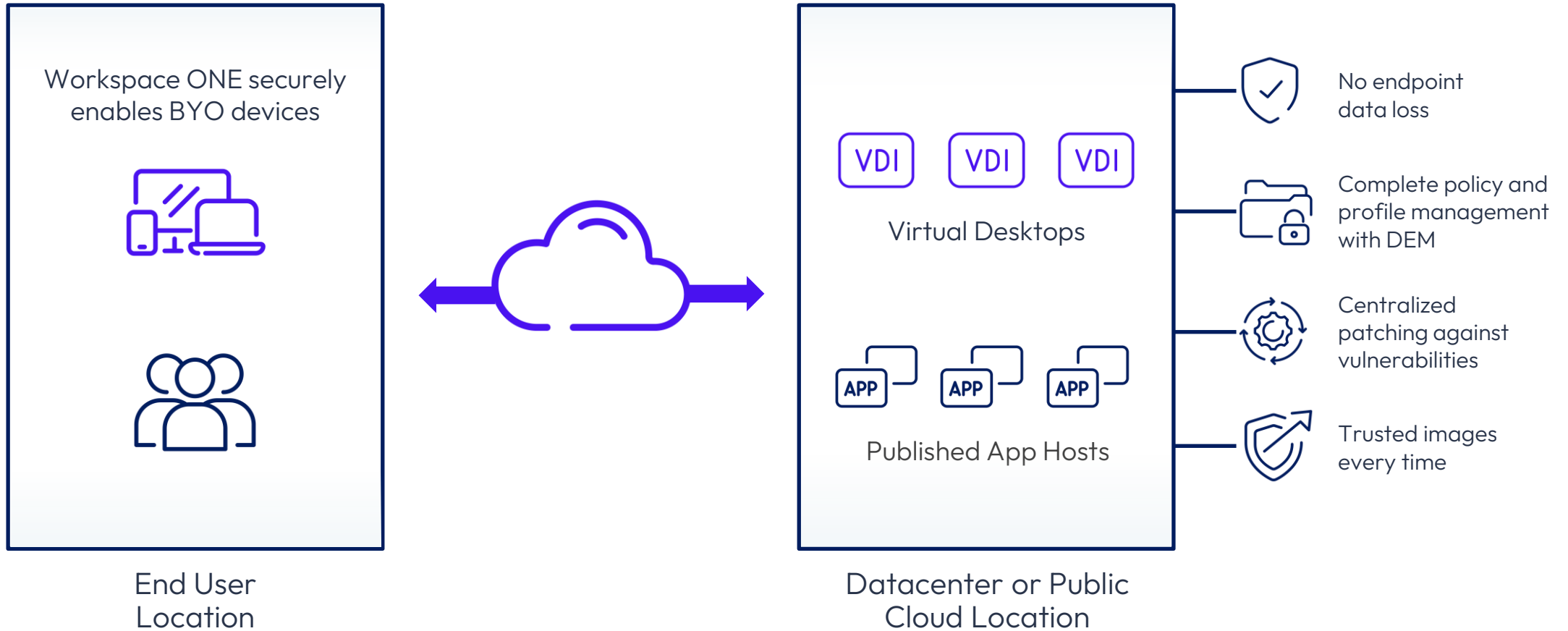
- Auto-upgrade Horizon agents and clients to reduce manual time
- Auto-switch access protocols and auto-tune Blast for better experience



Workspace ONE Services

- SSO to desktops and apps from WS1 Intelligent Hub
- Manage and orchestrate desktops/apps using common WS1 platform services

End-to-End Security from Device to Datacenter



Best In-Class Experience Accessing Remote Desktops and Apps



Optimized Desktop & App Delivery

Blast Extreme protocol and DEX for Horizon ensure great user experience, even under high latency, from any device (laptop, mobile, thin/zero client)



Communication & Collaboration Support

Better connectivity, less echoing, dropped calls, and improved video with optimization packs



Multi-Media Support

Rich user experience for high-end graphics, multimedia, 3D, and GPU

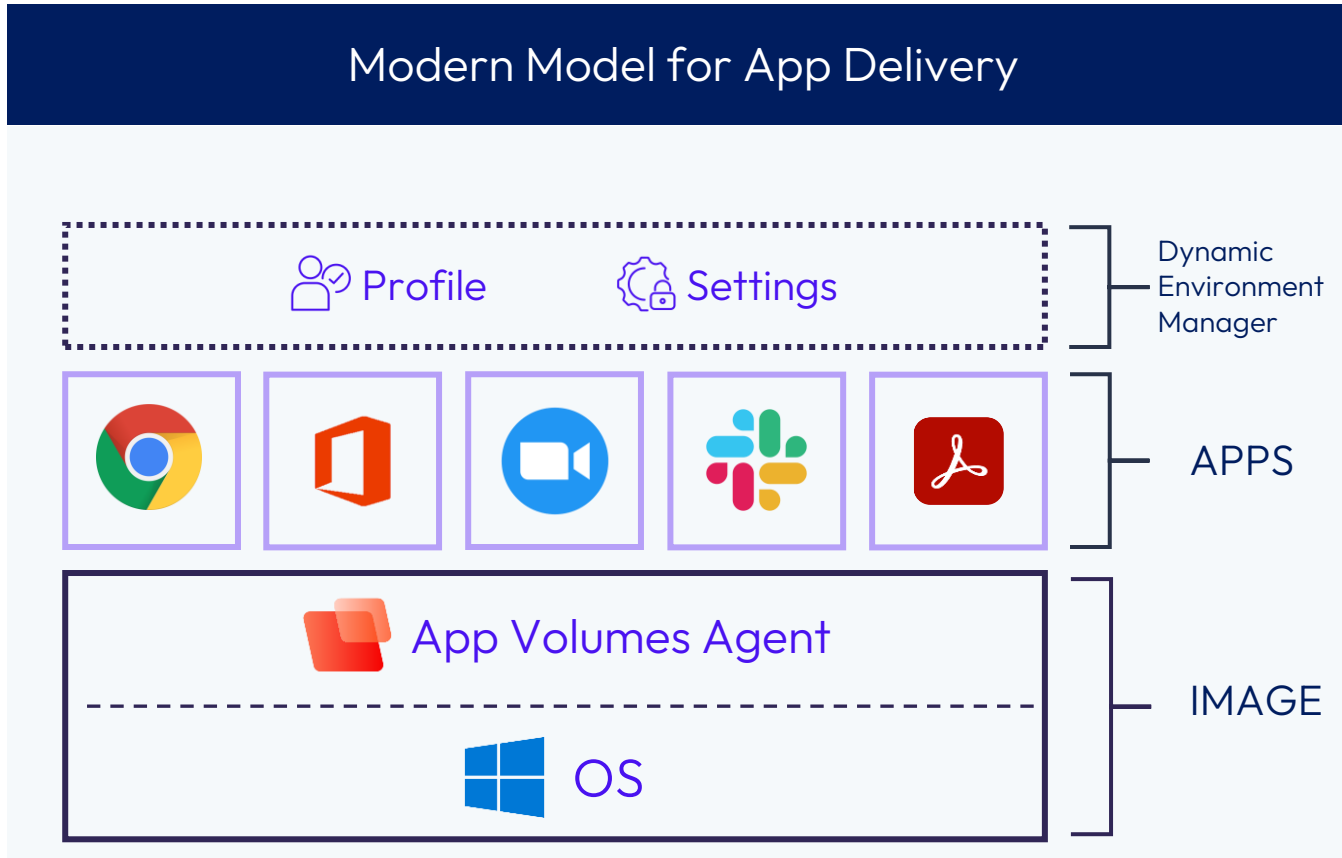


Personalized Experience

App Volumes and Dynamic Environment Manager provide persistent user experience with non-persistent economics

App Volumes Simplifies Cumbersome App Management

Abstraction of apps from the OS enables new efficiencies



Reduces time managing VDI and RDSH images by removing apps installed on the OS

- Get down to a single evergreen OS image
- One app copy on App Volumes server attached in real-time



Capture once, deliver to all VDI desktops and RDSH servers on-premises or in the cloud with one-to-many provisioning!

- Users access apps at login or on-demand

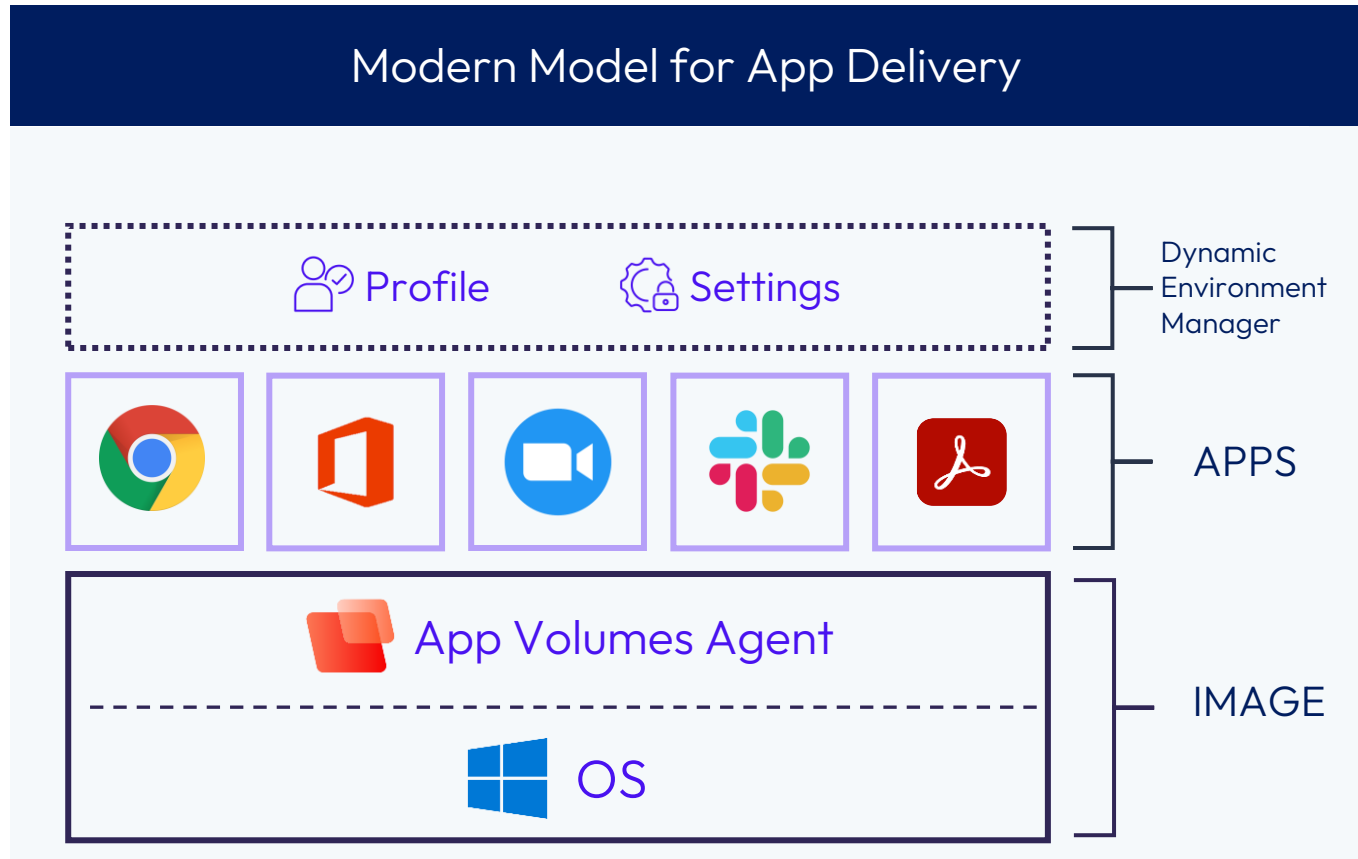


Decreases infrastructure costs by reusing a single app copy

- No need to install app copies on each desktop or RDSH server in farm

App Volumes Simplifies Cumbersome App Management

Enable new efficiencies for persistent, non-persistent, and published app environments

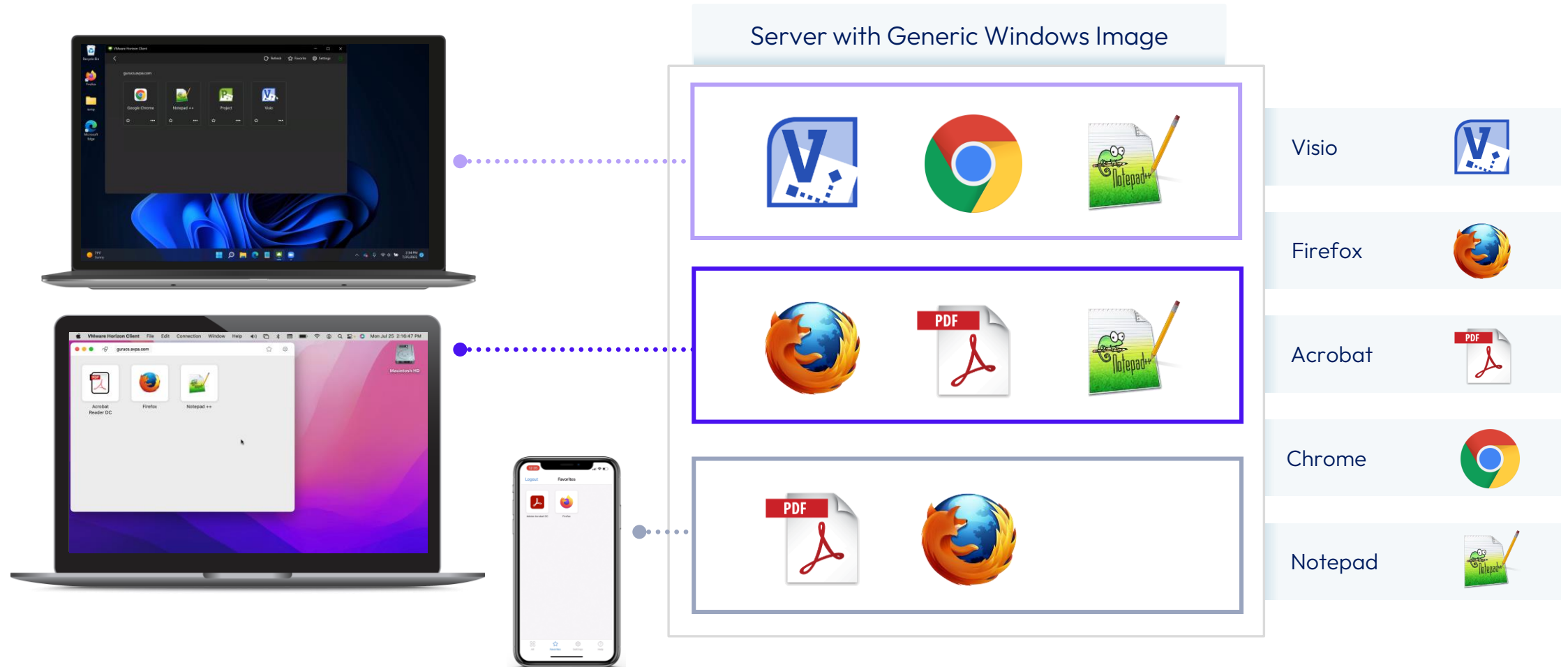


Apps on Demand!

New app publishing model eliminates traditional farm buildout

- Uses generic RDSH hosts on-demand as users access apps
- Only once active hosts hit capacity does the next RDSH host initiate
- Optimize hardware to minimize capex

App Volumes with Apps on Demand Demo



Deliver and Manage Apps on Any VDI, DaaS, or Published App Platform

omnissa™
Horizon

citrix™
Virtual Apps and Desktops

 **Microsoft Azure**
Azure Virtual Desktop

 **amazon AppStream 2.0**

 **Windows 365**
New

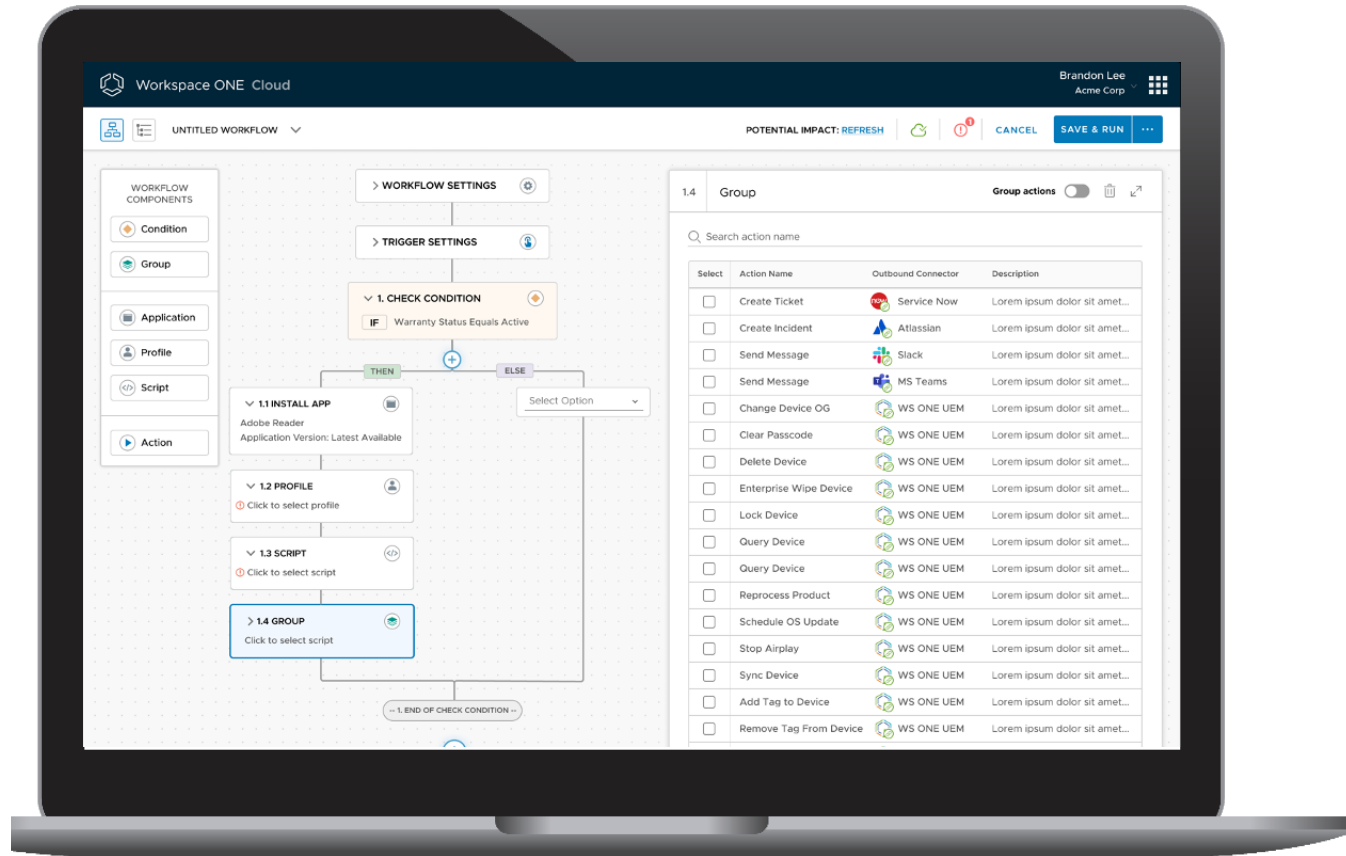


App Volumes with
Apps on Demand

 **amazon WorkSpaces**
New

Orchestrate Image and App Management Workflows with Workspace ONE Freestyle Orchestrator

Reduce time spent on common day-to-day Horizon management tasks



Design workflows with low code user interface that simplifies management

Streamline IT workflows with intelligent automation

Leverage robust set of Horizon REST APIs for advanced Day 2 operations and automations

Horizon and Microsoft Azure

Accelerate cloud adoption, maximize cost savings, and provide exceptional user experience with VDI or DaaS on Azure



Horizon 8 On-Premises

- Customer owns VCF, Horizon infrastructure, desktops, and apps
- Leverage existing hardware investments
- Support apps that need to run on-premises



Horizon 8 on Azure VMware Solution

- Customer owns and operates same Horizon as on-premises
- Microsoft owns VCF
- Use cases include hybrid delivery, data center expansion, and cloud burst



Horizon Cloud & Azure Virtual Desktop

- Deploy on Microsoft Azure as persistent, pooled, or multi-session DaaS
- Support intensive graphics apps, peripherals, devices, and personalization
- Simplified app delivery on provisioning or on demand with App Volumes
- Lowest-cost path to delivering Horizon on Azure using Windows multi-session entitlement



Horizon Cloud & Windows 365

- Deploy on Microsoft Azure with Cloud PC persistent desktops
- Support intensive graphics apps, peripherals, devices, and personalization
- Simplified app delivery on provisioning or on demand with App Volumes

Horizon and Amazon

Deploy and scale Horizon 8 on trusted global AWS infrastructure



Horizon 8 On-Premises

- Customer owns VCF, Horizon infrastructure, desktops, and apps
- Leverage existing hardware investments
- Support apps that need to run on-premises



Horizon 8 on VMC on AWS

- Customer owns and operates same Horizon as on-premises
- AWS owns VCF
- Stateless desktops with fast provisioning enabled by Instant Clones
- App and user customization with App Volumes and DEM



Horizon 8 on Amazon WorkSpaces and WorkSpaces Core

- Deploy Horizon 8 agent in Windows and Linux VDI on Amazon WorkSpaces
- Bring Blast protocol to Amazon WorkSpaces Core for superior user experience
- CPA between Horizon pods on-premises (or any cloud) and on AWS



Horizon 8 on Amazon EC2

- Deploy RDSH desktops and apps on native EC2
- Use Horizon remote experience features for great user experience
- CPA between Horizon pods on-premises (or any cloud) and on AWS

Horizon and Google

Deliver VDI and apps on managed Google Cloud infrastructure and securely access desktops and apps from Google devices for cost-effective hybrid work



Horizon 8 On-Premises

- Customer owns VCF, Horizon infrastructure, desktops, and apps
- Leverage existing hardware investments
- Support apps that need to run on-premises



Horizon 8 on Google Cloud VMware Engine

- Customer owns and operates same Horizon as on-premises
- Google Cloud owns VCF
- Integrated connectivity to Google Cloud services
- Desktops and apps leverage instant clones and Day 2 management services

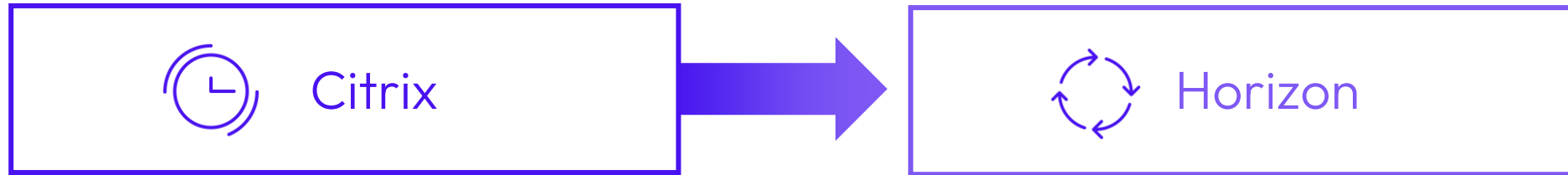


Horizon with Chrome OS

- Access Horizon desktops and apps through Chrome OS devices for improved employee experience
- Strengthen security with enterprise-grade Chrome OS features

De-Risking Your Move From Legacy VDI and Apps

Price increase in Citrix renewal? Lack of account coverage? We've got you covered with Citrix Safe Passage



Move to a
Modern Platform



Competitive
Promotional
Pricing



Paid Pilot
Program



Deployment Help with
Horizon Accelerator



Get Started with
App Volumes and
Apps on Demand

Realized Value Case Study: Global Media / Communications Network

Profile



Employees:
35,000+



Annual Revenues:
\$9.6B



Deployment Footprint:
Horizon Universal
Subscription

Key Business Problems



Needed to consolidate from multiple disconnected solutions to a single platform



Reduce costs associated with their virtual application environment



Improvement in network latency - delivering content to specific global territories



Reduce costs and management / support reduction for remote users



Reduce time / effort for IT support and administration

Financial Summary



Savings
\$7.13M

The total benefits the organization achieved over a 3-year period



ROI
116%

The return achieved calculating net benefit over investment

Realized Value Case Study: Global Media / Communications Network

Key Benefit Areas

Avoided Competitive Subscription Cost

\$5.7M

Single Platform

Consolidated from multiple disconnected solutions to a single platform with Horizon Cloud on Microsoft Azure

Remote Support and Access

Cost savings for their virtual application environment

\$454K

Reduced Latency

Significant improvements in latency for users based in India

100% improvement

IT Support and Admin

Significant cost and time savings in implementing Horizon Universal to support users and devices remotely

\$950K

Payback Period

The time to fully recoup the investment

6 MONTHS

How we help you every step of the way

1. Discover

- Learn and discover in [Tech Zone](#)
- Build a business case including ROI with [Value Realizer](#)



2. Design and deploy

- Implement with [expert deployment and services guidance](#)
- Smooth the transition for end users with [Adoption and Change Management resources](#)



3. Run and optimize

- Network and share best practices with the [Omnissa community program](#)
- Get early access to what's next with the [Omnissa beta program](#)
- Share your voice and success with [Customer Advocacy](#)
- Evaluate [additional use cases](#)



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Thank you