Microsoft
Azure Virtual Desktop

Quickly deploy virtual desktops and apps to enable secure remote work.

When is virtualization useful?

Security and regulation

- Financial services
- Health care
- Government

Elastic workforce

- Mergers and acquisition
- Short-term employees
- Contractors and partners

Remote employees

- BYOD and mobile
- Call centers
- Branch workers

Specialized workloads

- Design and engineering
- Legacy apps
- Software dev test

Azure Virtual Desktop is generally available worldwide

Quickly deploy virtual desktops and apps to enable secure remote work.

Deliver the only multi-session Windows 10/11 experience.

Enable optimizations for Microsoft 365 apps for enterprise.

Migrate Windows Server (RDS) desktops and apps.

Deploy and scale in minutes.

Windows 10
+
Office 365

Windows Server

Microsoft Azure
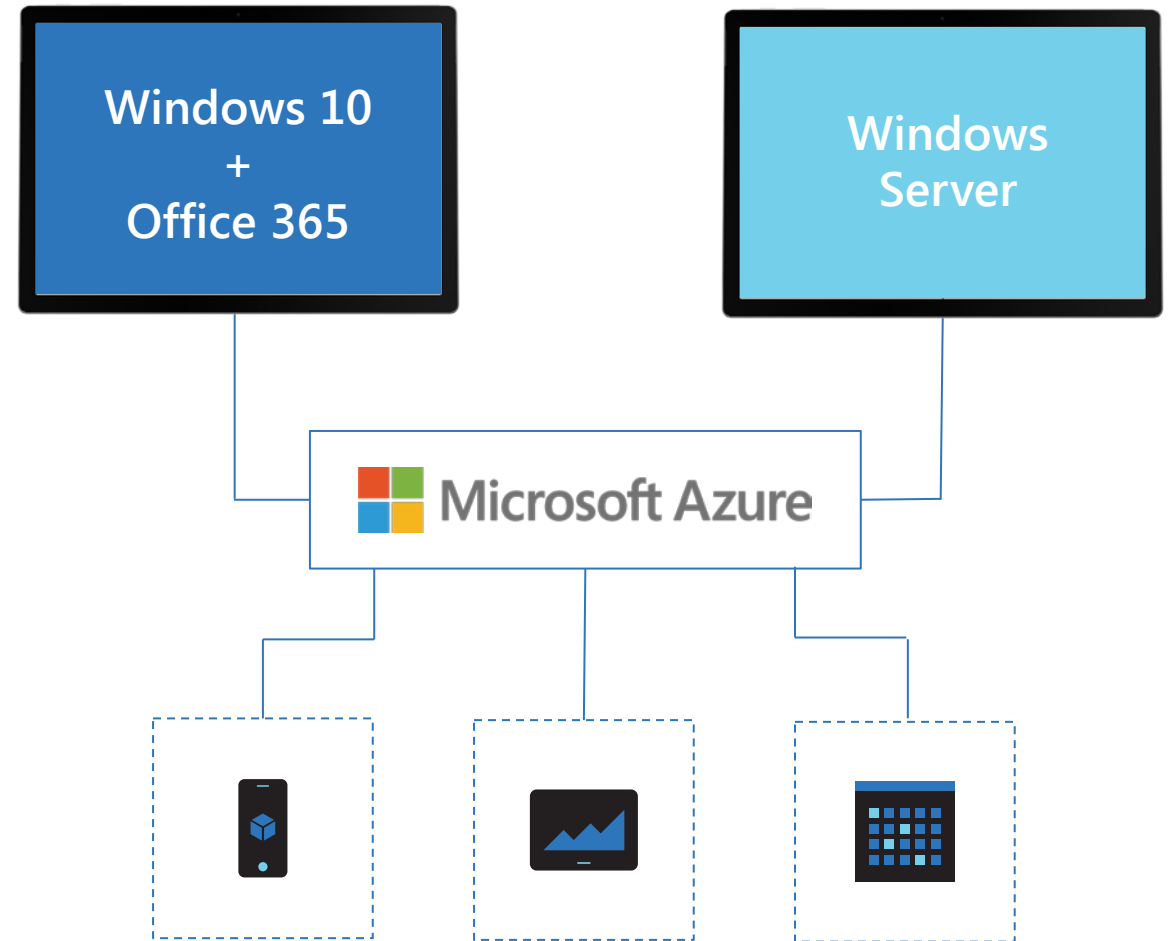
Deliver the only multi-session Windows 10/11 experience

Provide your users with the only multi-session Microsoft Windows 10 and Windows 11 experience virtualized in the cloud that's highly scalable, always up to date, and available on any device.

- Multi-session and single-session Windows 10/11.

- Store and legacy app remoting.

- Free Windows 7 extended security updates.

Enable optimizations for Microsoft 365 apps for enterprise

Deliver the best Microsoft 365 apps for enterprise experience with multi-session virtual scenarios to provide the most productive virtualized experience to your users.

- Office 365 containers make Office more performant in a multi-session environment—including Outlook and OneDrive for Business support.

- Profile containers enable faster and more performant experience in non-persistent environments.

Migrate existing Windows Server (RDS) **desktops and apps**

Migrate your Remote Desktop Services (RDS) environment for Microsoft Windows Server desktops and apps with a simplified infrastructure management and deployment experience on Azure.

- **Support for Windows Server 2012 and Remote Desktop Services 2012R2 and newer.**

- **App compatibility for existing Windows Server images used on-prem.**
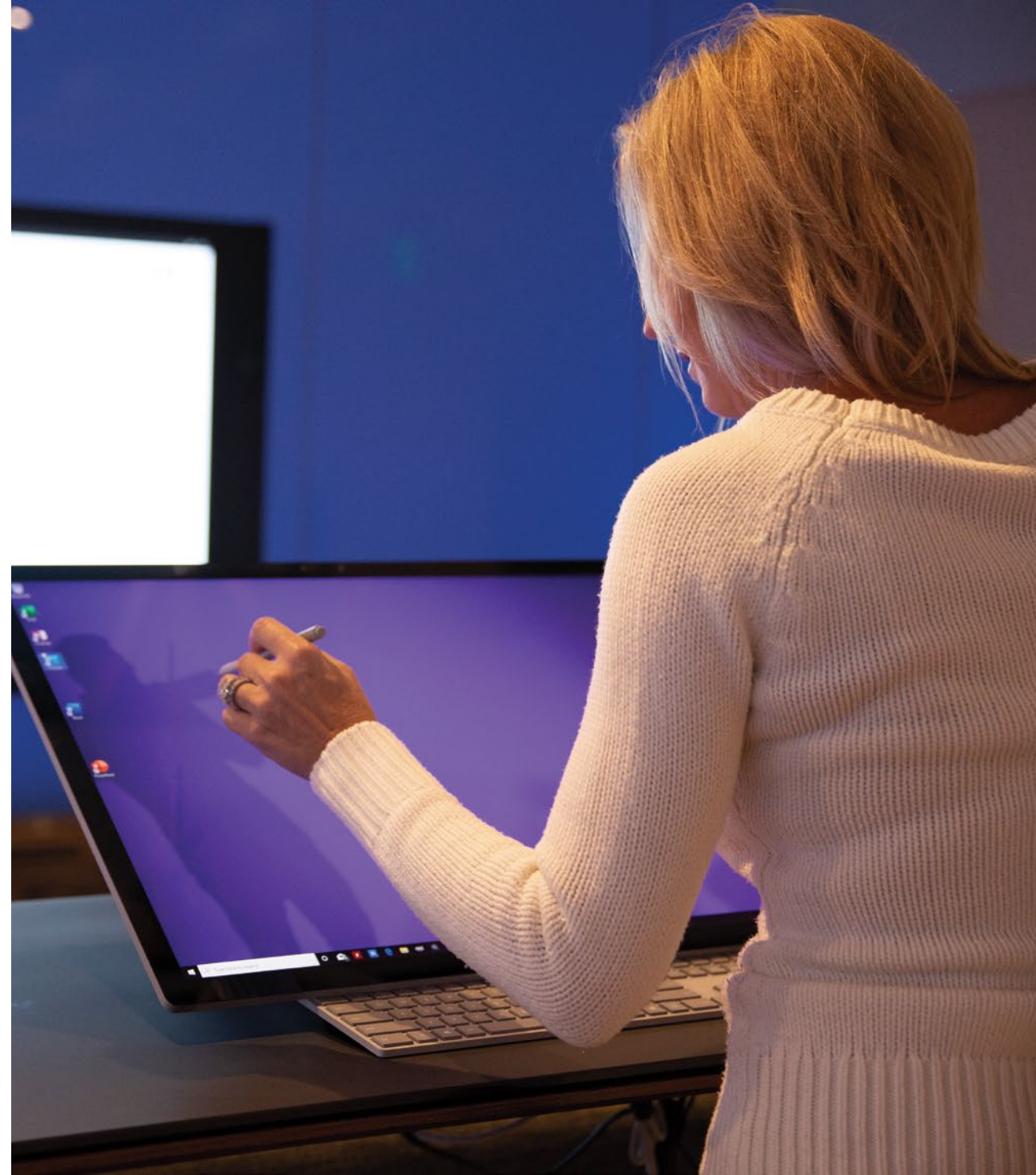
Deploy and scale in minutes

Quickly virtualize and deploy modern and legacy desktop app experiences in minutes with unified management in the Azure portal.

- Azure has datacenters available in 60+ regions and 140+ countries.

- Azure management portal for Azure Virtual Desktop.

- Built in security and compliance (Windows & Azure).

- Partner ecosystem extensibility (coming soon).
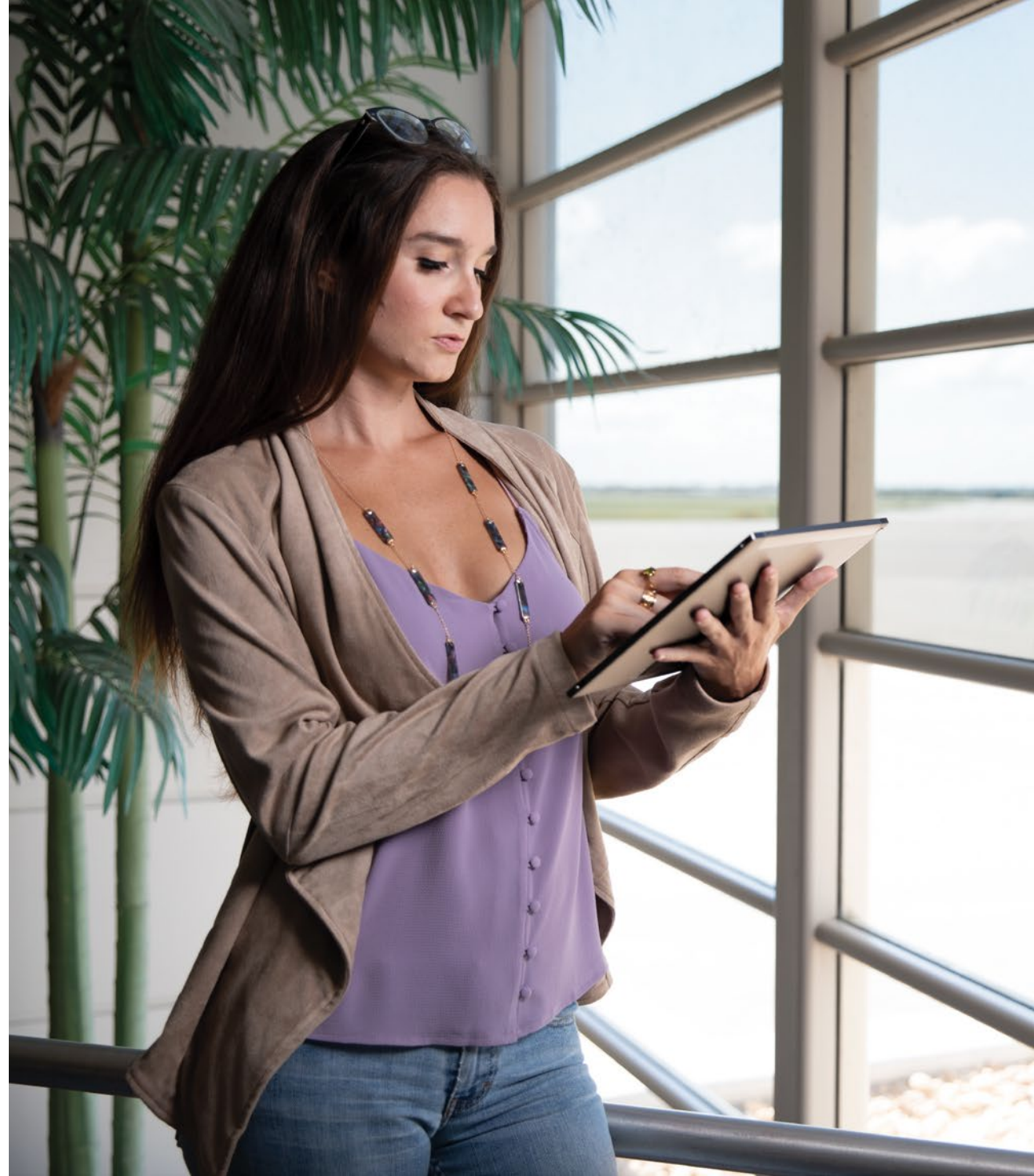
Azure Virtual Desktop

Full Windows 10 and
Office 365 experience

Optimized for Microsoft 365 apps
for enterprise

Migrate your existing
Windows Server (RDS) environment
to Azure

Deploy and scale
in minutes

Additional benefits of
Azure Virtual Desktop
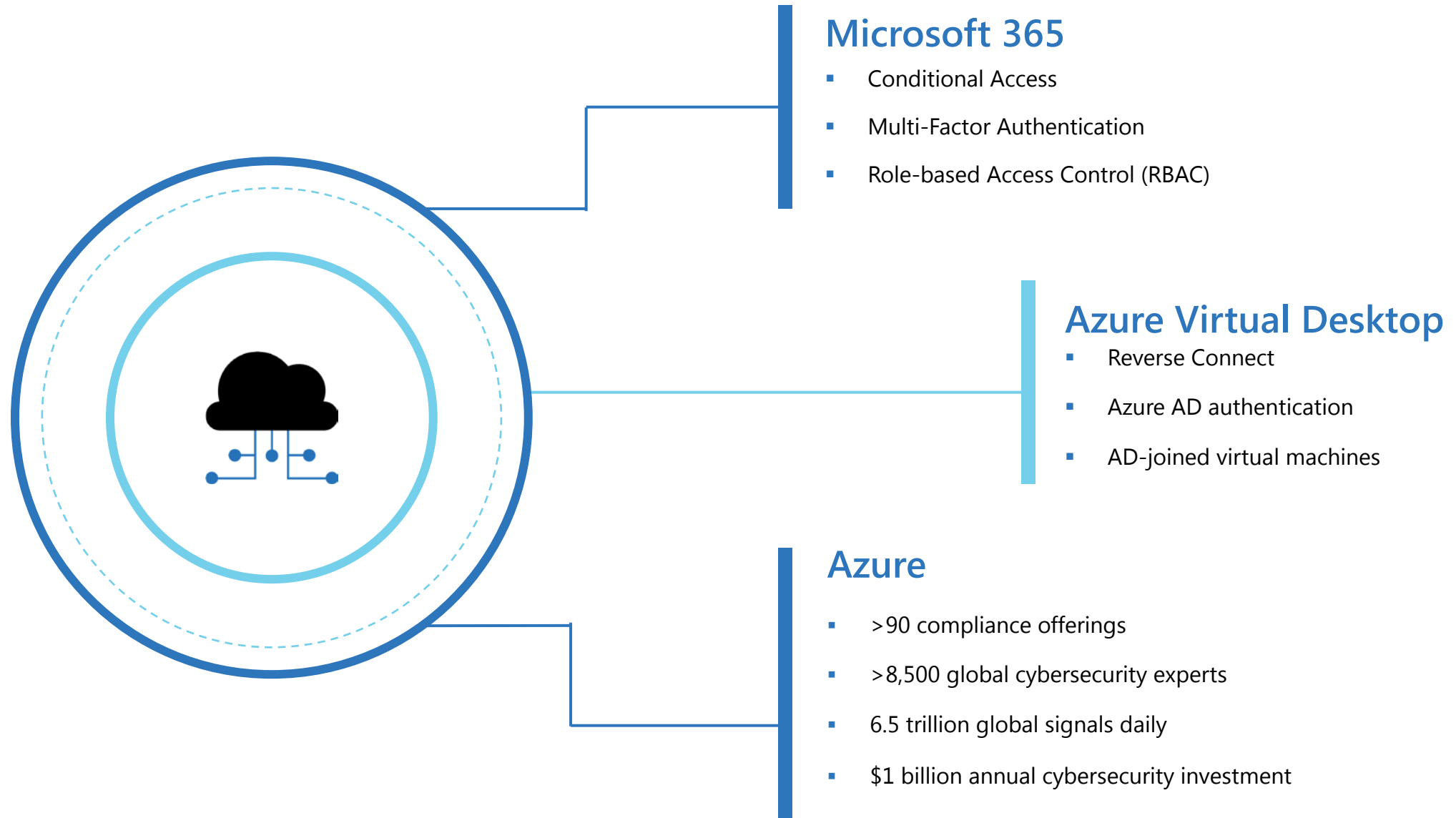
VDI/RDSH management as a service on Azure.

Most flexible service allowing you to virtualize both desktops and apps.

Windows 7 virtual desktop with free Extended Security Updates.

Integrated with the security and management of Microsoft 365.

Blending security across the Microsoft ecosystem

Microsoft 365

- Conditional Access
- Multi-Factor Authentication
- Role-based Access Control (RBAC)

Azure Virtual Desktop

- Reverse Connect
- Azure AD authentication
- AD-joined virtual machines

Azure

- >90 compliance offerings
- >8,500 global cybersecurity experts
- 6.5 trillion global signals daily
- $1 billion annual cybersecurity investment

An optimized computing platform

High-level service architecture

- Can connect to on-premises resources via ExpressRoute or VPN

- User authentication using Azure Active Directory identities

- Integrates with Systems Center Configuration Manager and Microsoft Intune

- Supports devices running non-Windows operating systems with Linux thin-client SDK and other tools

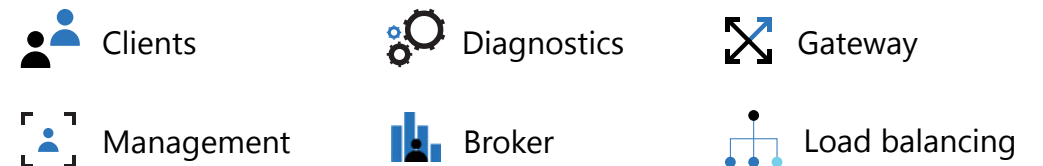## Your subscription—your control

Desktops and remote apps

Full Desktop ✓ RemoteApp

- Windows 10 Enterprise multi-session
- Windows 10 Enterprise
- Windows Server 2012 R2 and newer
- Windows 7 Enterprise Full Desktop

Management and policies

- Image, app, and profile management
- User density, VM sizing, and scaling policies
- User management and identity
- Networking policies

Managed by Microsoft

Azure Virtual Desktop Service

- Clients
- Diagnostics
- Gateway
- Management
- Broker
- Load balancing

Infrastructure

- Compute
- Storage
- Networking

Extending the opportunities for virtualization

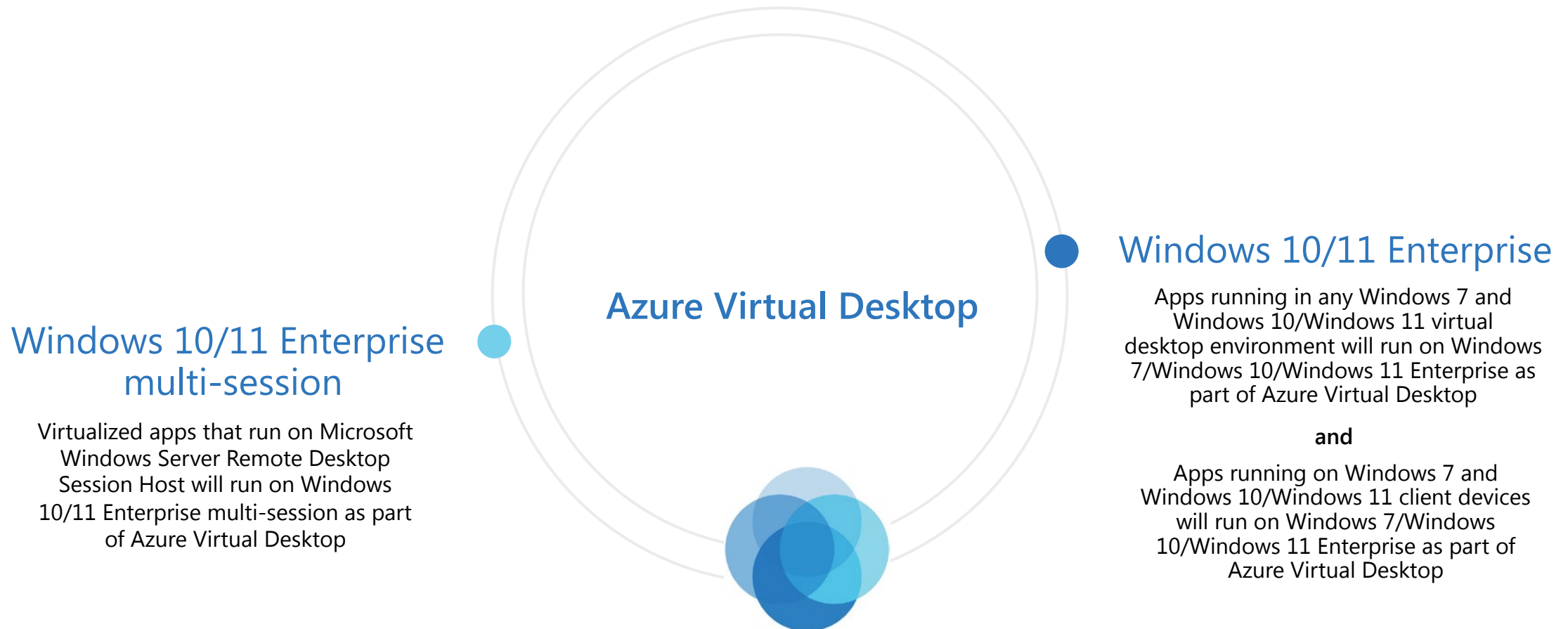| Windows Server RD Session Host	Windows 10/11 Enterprise multi-session	Windows 10/11 Enterprise
Scalable multi-session **legacy** Windows environment	Scalable **multi-session** modern Windows user experience with Windows 10 Enterprise security	Native **single-session** modern Windows experience
Windows Server	Windows 10/11	Windows 10/11
Multiple sessions	Multiple sessions	Single session
Win32*	Win32*, UWP	Win32, UWP
Office 2019 Perpetual	Office 365 ProPlus	Office 365 ProPlus
Long-term servicing channel	Semi-annual channel	Semi-annual channel

*NOTE: Any Win32 application that writes user data outside of the user context (System32, HKEY_LOCAL_MACHINE or HKLM, etc.) will not work in the **multi-session** editions. See https://docs.microsoft.com/en-us/windows/win32/msi/installation-context for details.

App Assure: Microsoft's application compatibility promise

Microsoft is committed to ensuring your apps work on the latest versions of our software. If you encounter any issues, we will help you remediate them at no additional cost.

Azure Virtual Desktop

Windows 10/11 Enterprise multi-session

Virtualized apps that run on Microsoft Windows Server Remote Desktop Session Host will run on Windows 10/11 Enterprise multi-session as part of Azure Virtual Desktop

Windows 10/11 Enterprise

Apps running in any Windows 7 and Windows 10/Windows 11 virtual desktop environment will run on Windows 7/Windows 10/Windows 11 Enterprise as part of Azure Virtual Desktop

and

Apps running on Windows 7 and Windows 10/Windows 11 client devices will run on Windows 7/Windows 10/Windows 11 Enterprise as part of Azure Virtual Desktop

To learn more or to request assistance, go to https://aka.ms/AppAssure

Many can access Azure Virtual Desktop with their current licenses

Client

Users with one of the following software licenses can use Azure Virtual Desktop to access instances of Windows 10 single, Windows 10 multi-session, and Windows 7:

- Microsoft 365 E3/E5
- Microsoft 365 A3/A5/Student Use Benefits
- Microsoft 365 F3
- Microsoft 365 Business Premium
- Windows 10 VDA per user
- Windows 10 Enterprise E3/E5
- Windows 10 Education A3/A5
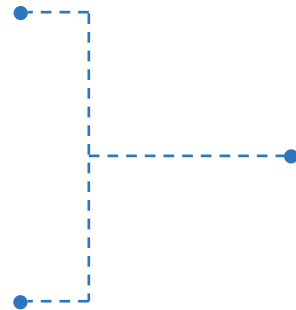
Customers can access Azure Virtual Desktop from their non-Windows Pro endpoints if they have one of these user licenses

Server

Customers are eligible to access server workloads with Azure Virtual Desktop if they have one of the following user or device licenses:

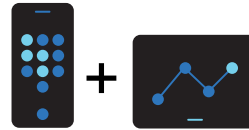- RDS CAL license with active Software Assurance (SA)

NEW Per user access pricing for external users

We have introduced a new option for monthly per user pricing for purchasing access to Azure Virtual Desktop for external users only. **Available starting July 14 – December 31, 2021.**

$5.50
per user per month
(Apps)

$10
per user per month
(Apps + Desktops)

$0
if a user doesn't connect to any Azure Virtual Desktop resources

Key points:

- **To stream a desktop, you need to include an application* with the desktop.**

- Includes only access rights to Azure Virtual Desktop first party solution.

- Only provides access to Azure Virtual Desktop for external users of Win 7, Win10 or Win10 multi-session.

- Provides access to up to 5 full desktops, any number of apps.

- Supported discounts: Cloud Service Provider, Enterprise Agreement, Microsoft Azure Compute Cost, Reserved Instance.

- To use integrated Office apps, Office licenses need to be purchased separately by the end user.

- Cost of Azure infrastructure remains the same.

- Paid through an Azure subscription.

- Does not support AAD external/guest users.

FSLogix technologies

Eligible customers get access to three core pieces of technology

Profile Container

Replacement for roaming profiles and folder redirection. Dramatically speeds up logon and application launch times.

- Includes Office 365 Container, which roams Office cache data (Outlook OST, OneDrive cache, Skype for Business GAL, etc.) and Windows Search DB with user in virtual desktop environments

App Masking

Minimize number of gold images by creating a single image with all applications. Excellent app compatibility with no packaging, sequencing, backend infrastructure, or virtualization.

Java Redirection

Helps protect the enterprise from vulnerabilities of multiple installed versions of Java by mapping specific versions to individual apps or websites.

FSLogix entitlements

Access to **FSLogix technology***

FSLogix technology improves the performance of Microsoft 365 apps for enterprise in multi-user virtual environments. It is now available at no additional cost for Microsoft 365 customers.

- **Microsoft 365 E3/E5/F3/Business**

- **Microsoft 365 A3/A5/Student Use Benefits**

- **Windows 10 Enterprise E3/E5**

- **Windows 10 Education A3/A5**

- **Windows 10 VDA per user**

- **Remote Desktop Services (RDS) CAL**

- **Remote Desktop Services (RDS) SAL**

*Including Office 365 Container, Profile Container, App Masking, and Java Redirection

Citrix + Azure **Virtual Desktop**

Delivering enterprise value and unified management around Azure Virtual Desktop:

Workspace experience

Include Azure Virtual Desktop workloads within Citrix Workspace for central access to all apps, desktops, and files.

Image management

Simplify management by layering OS, apps, and user data on Azure Virtual Desktop resources and rapidly provisioning updates.

Hybrid cloud journey

Accelerate the move to Azure for on-prem by enabling management of on-prem and Azure Virtual Desktop workloads from one console.

Environment management

Optimize host performance, accelerate application delivery, and enhance scalability for Azure Virtual Desktop.
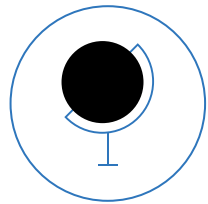
VMware Horizon Cloud on Microsoft Azure

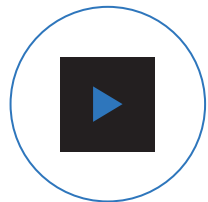Extending Azure Virtual Desktop capabilities to Horizon Cloud:
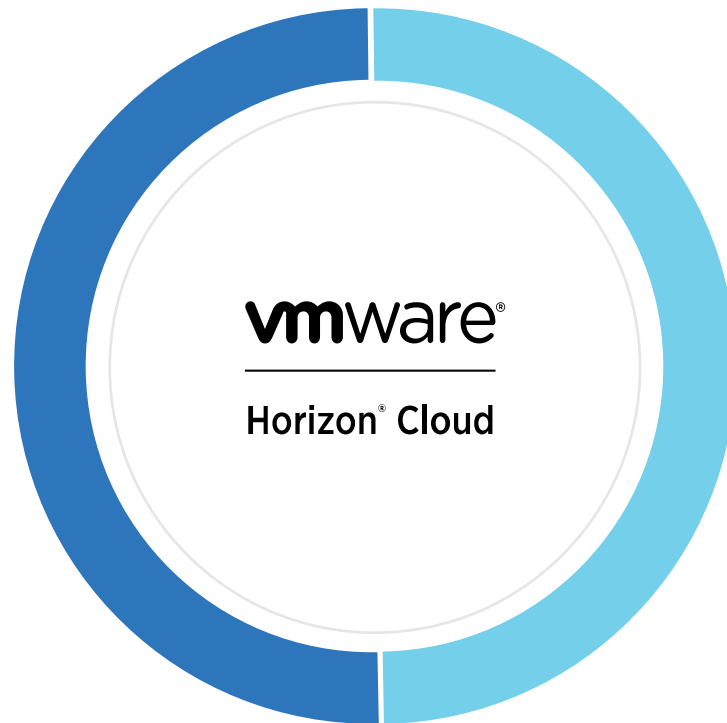
Azure Virtual Desktop
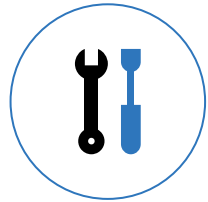
Broad endpoint support with enhanced remote experience

Global brokering with cloud-optimized architecture
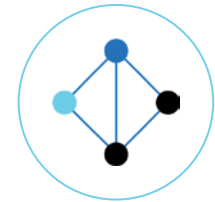
Real-time audio video and peripheral support

vmware®
Horizon® Cloud

Enhanced user environment management

Flexible desktop options and configurations

Hybrid environment support

Thank You

Contact Us

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