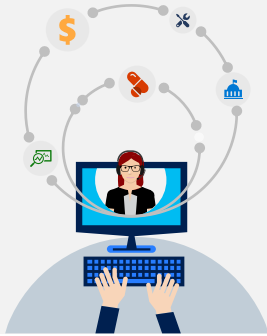


Windows Virtual Desktop

Virtualization can address a broad range of business needs



Security and regulation

Financial Services

Healthcare

Government



Flexible workforce

Mergers and acquisition

Short term employees

Contractor and partner access

BYOD and mobile

Call centers

Branch workers



Specialized workloads

Design and engineering

Legacy apps

Software dev test

Worldwide Desktop as a Service Market is growing



32.1%

Compound annual growth rate*



\$2.99B

DaaS revenue forecasted to grow to in 2021*



50%

of new VDI users will be deployed on DaaS platforms by 2019**

*IDC Worldwide Desktop-as-a-Service Software Forecast, 2017-2021, Robert Young, June 2017, IDC

**Gartner, Inc., When Midsize Organizations Should Select Desktop as a Service, Nathan Hill, Refreshed: July 19, 2018

WVD is Microsoft's virtualization service and delivers compelling value

Windows Virtual Desktop

Best User Experience



Enhanced Security



Simplified Management

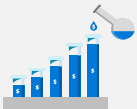


Azure



Standardized, Global, & Secure

Superior Economics



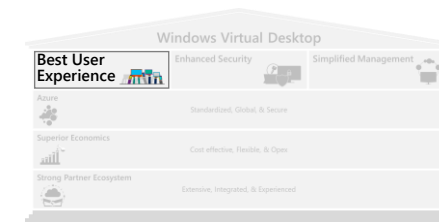
Cost effective, Flexible, & Opex

Strong Partner Ecosystem



Extensive, Integrated, & Experienced

Best Virtualized End-user Experience



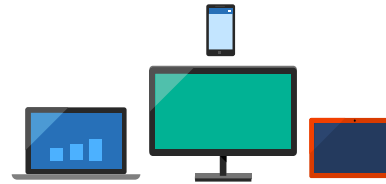
Platform of your choice



- Connect from any device of your choice (Windows, MacOS / iOS, HTML5, Android, Linux*)

* Coming soon

Windows differentiation



- Like-local Windows experience
- Extensive support for devices

Enhanced protocol



- Support for Windows Hello for Business
- Dynamically adapting bandwidth utilization

Containerized User Profiles



- Containerized User Profiles (FSLogix) with fast VHD load times

Native O365 performance



- Uncompromised O365 email and calendar performance, Real-time Outlook search
- Persistent and non persistent environments

Teams Enhancements



- Best conferencing and media experience
- Multimedia redirection capability, high-performance, low latency audio & video calling



Office 365 ProPlus also supported on Windows Server 2019 (with OneDrive Files-on-Demand capabilities)



Enhanced Security with Simplified Configuration



Azure AD Security Services



Sophisticated security services easily configured through Azure AD (e.g. MFA, CA, etc.)

Reduced Attack Surface



Reverse connect technology eliminates the need to open inbound ports to the VMs

Granular Access Control



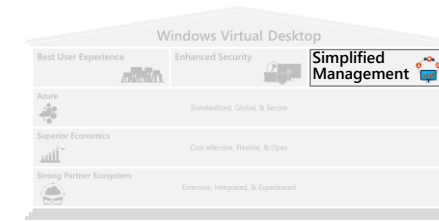
Multiple admins can be assigned role-based access control

Isolated User Sessions



Isolated user sessions in both single and multi-session environments

Efficient and Simplified Management

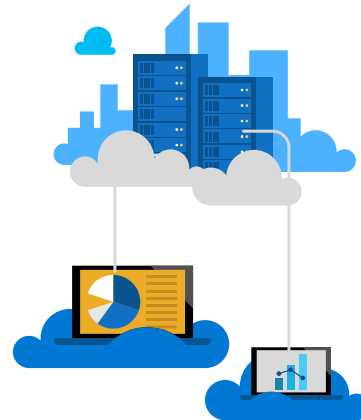


User Experience Management



- One service supports both Desktop & RemoteApp experience
- Flexible user experience through a single host pool, with multiple app groups
- Familiar Azure AD credentials, to access WVD resources

VM Management



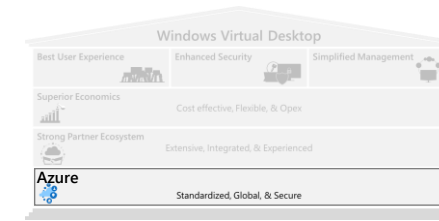
- Multiple tools for automated VM deployment
- Enhanced OS/App update tools
- Disaster Recovery with integrated Azure Site Recovery

WVD Service Management



- Simplified and effective troubleshooting using advanced diagnostic service
- 3rd party value-added services enabled by APIs

Built on Azure: Standardized, Global, and Secure Cloud



Standardized

Consistent infrastructure across regions

IaaS

Compute Storage Networking

PaaS

Uniform deployment via serverless architecture

Serverless Platform

Containers Microservices Integration services

Purpose-built, **standardized infrastructure** across geos
Modernized workloads for **simplified deployment**

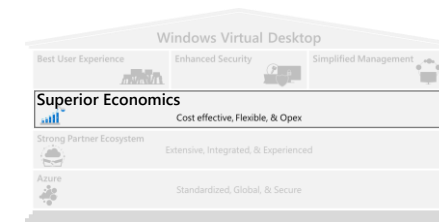
Global

Largest geographical footprint of any cloud provider with more than **54 Azure regions**

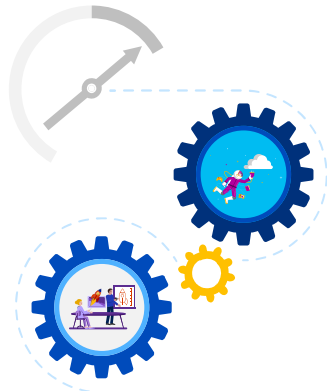
Secure

Microsoft Cyber Defense Operations Center
>3,500 full-time security professionals
6.5 trillion global signals daily
\$1 billion annual cybersecurity investment

Superior Economics from Significant Cost Savings



Infrastructure



**~70%*
Savings**

- Windows 10 experience at multi-session cost
- Cost effective compute and storage
- Flexible network provisioning
- Best value compute rate
- Opex spend aligned to business usage

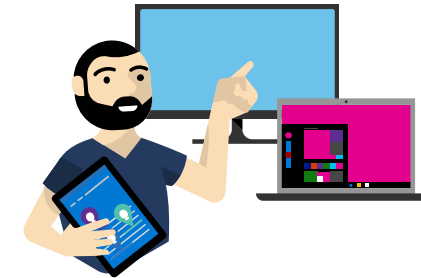
Licensing



**~60%*
Savings**

- WVD management service included with the licenses you already own
- Savings on RDS CAL with multi-session deployment
- 3-year Windows 7 ESU included

Labor



~60%
Savings**

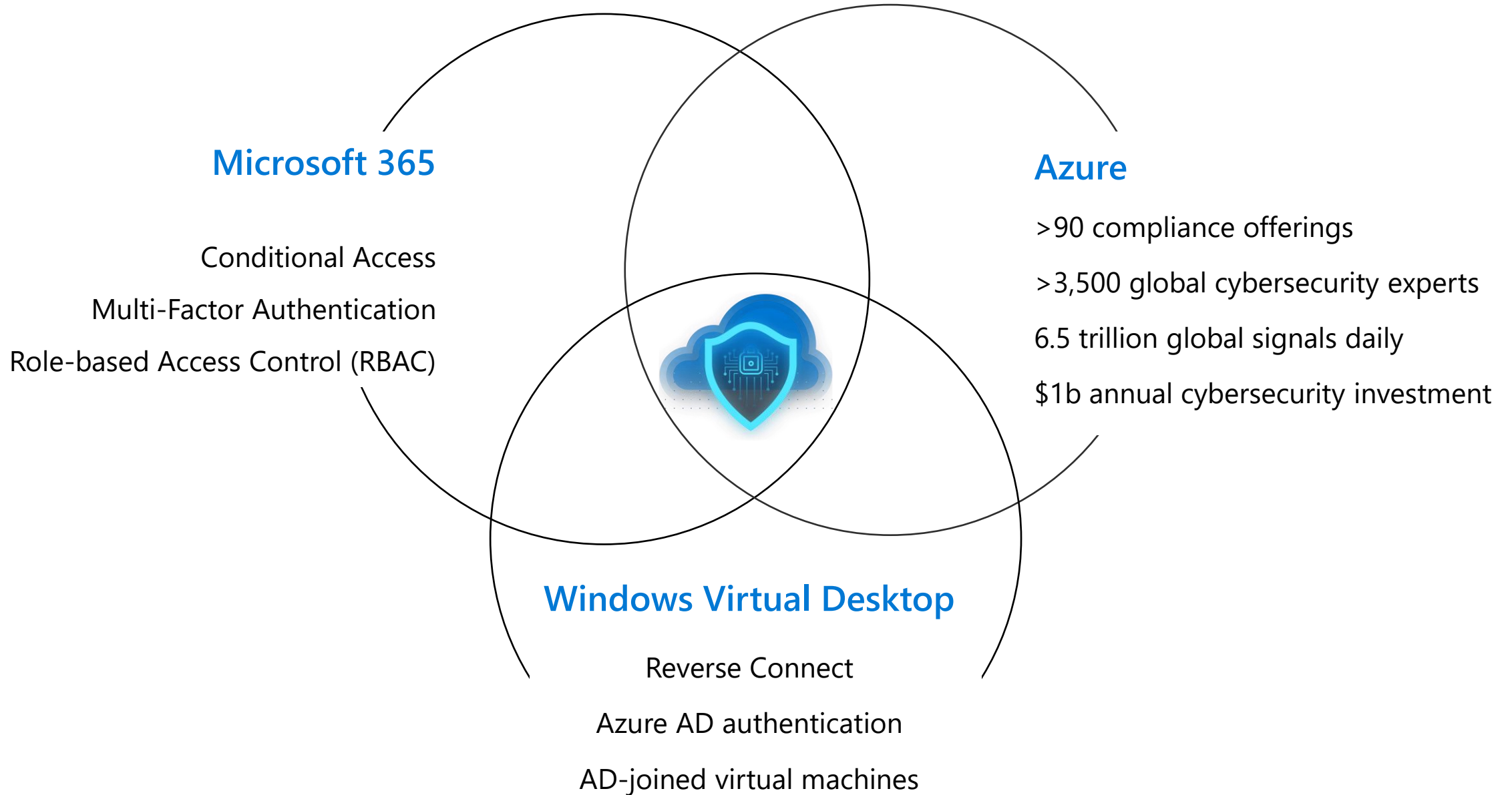
- Lower labor cost because compute and storage move to cloud
- Lower labor cost when you use PaaS services

Note: Infrastructure includes compute, storage (IaaS/PaaS), and networking

*See [Example Scenario: WVD Economic Benefits](#)

** industry analysis

Blending the security of the convergence of the Microsoft ecosystem



Connect customer Challenges to WVD Value Prop



Customer Challenges

Client experience trade-off in multi-session environments

Poor O365 experience in non-persistent multi-session environment
due to data persistence requirements (Outlook, OneDrive, etc.)

Scalable **Remote Desktop deployment requires deep knowledge to run smoothly**; Diverse user needs requires complex image management

Deploying/monitoring/updating virtual deployments is a **high overhead** function



How WVD solves for this

Deliver the only multi-session Windows 10 experience

- Choose from Windows 10 multi-session and single-session
- Virtualize Store and legacy apps easily
- **Transition help:** Free Windows 7 Extended Security Updates

Enable optimizations for Office 365 ProPlus

- Containerized User Profiles (FSLogix) with fast VHD load times
- OneDrive & Teams per Machine Install
- Outlook and Windows search improvements

Migrate your existing Windows server (RDS) desktop and apps to Azure

- Simplified management and deployment experience
- Reduced management costs
- Strong app compatibility

Deploy and scale in minutes

- Azure management portal for Windows Virtual Desktop
- Built in security and compliance
- Partner ecosystem extensibility