



Gijima Windows Virtual Desktop

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Gijima Microsoft Services

Gijima Microsoft | Service Offering Overview

Digital Organisation

- Cloud Modernisation
- Enterprise Modernisation
- Digital Journeys



Customer Centric

- Engage Customers
- Natural Connect



Empower Workforce

- Modern Workplace
- Integrated Collaboration
- Work Effectively
- Windows Virtual Desktop



Security

- Cloud Cyber Defence
- Compliance and Identity Integration
- Protecting Information



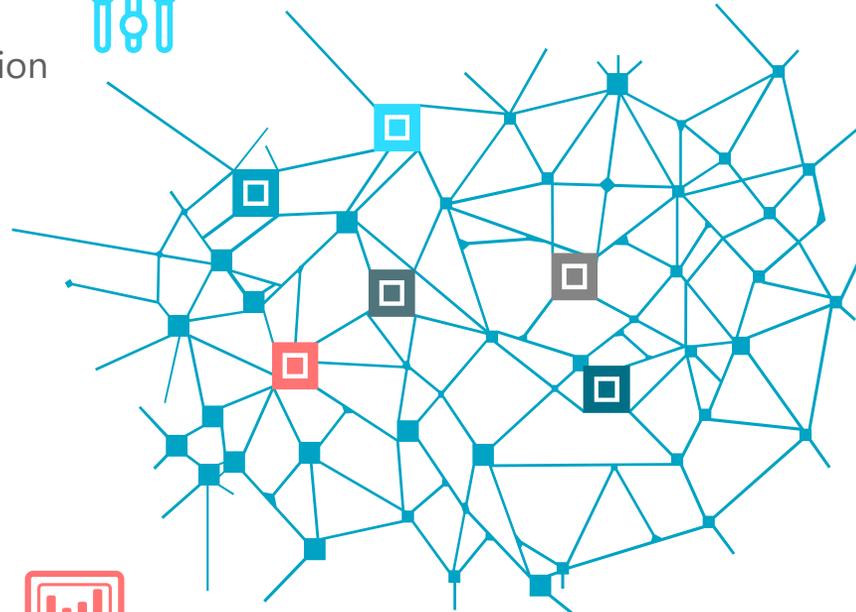
Optimise Digital Operations

- Reduce Maintenance
- Increase Agility and Scalability
- Governance and Compliance



Transform Services

- Legacy Transformation
- Reinvent Services
- Accelerate Products



Every company is a software company. You have to start thinking and operating like a digital company. It's no longer just about procuring one solution and deploying one. It's not about one simple software solution. It's really you yourself thinking of your own future as a digital company."

Satya Nadella, Microsoft CEO

An aerial photograph of a cityscape with a prominent flat-topped mountain in the background. The foreground shows a coastal area with buildings and a large stadium. A teal semi-transparent banner is overlaid across the middle of the image.

Gijima Windows Virtual Desktop Overview

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Gijima Microsoft WVD | Managed by Gijima

Windows Virtual Desktop Service



Clients



Diagnostics



Management



Broker



Gateway



Load balancing

Management and policies



Image, app, and profile management



User density, VM sizing, and scaling policies

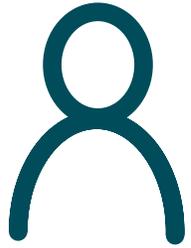


User management and identity



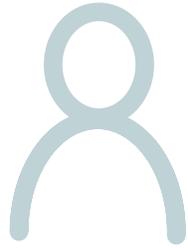
Networking policies

Gijima Microsoft WVD | Customised for different Personas



Security and regulation

Financial services
Health care
Government



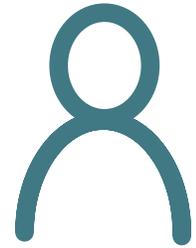
Elastic workforce

Mergers and acquisition
Short-term employees
Contractors and partners



Remote employees

BYOD and mobile
Covid-19 Lockdown
Call centers
Branch workers



Specialized workloads

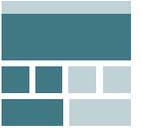
Design and engineering
Legacy apps
Software dev test

Gijima Microsoft WVD | Local Presence

Available in South Africa North and South Africa North West



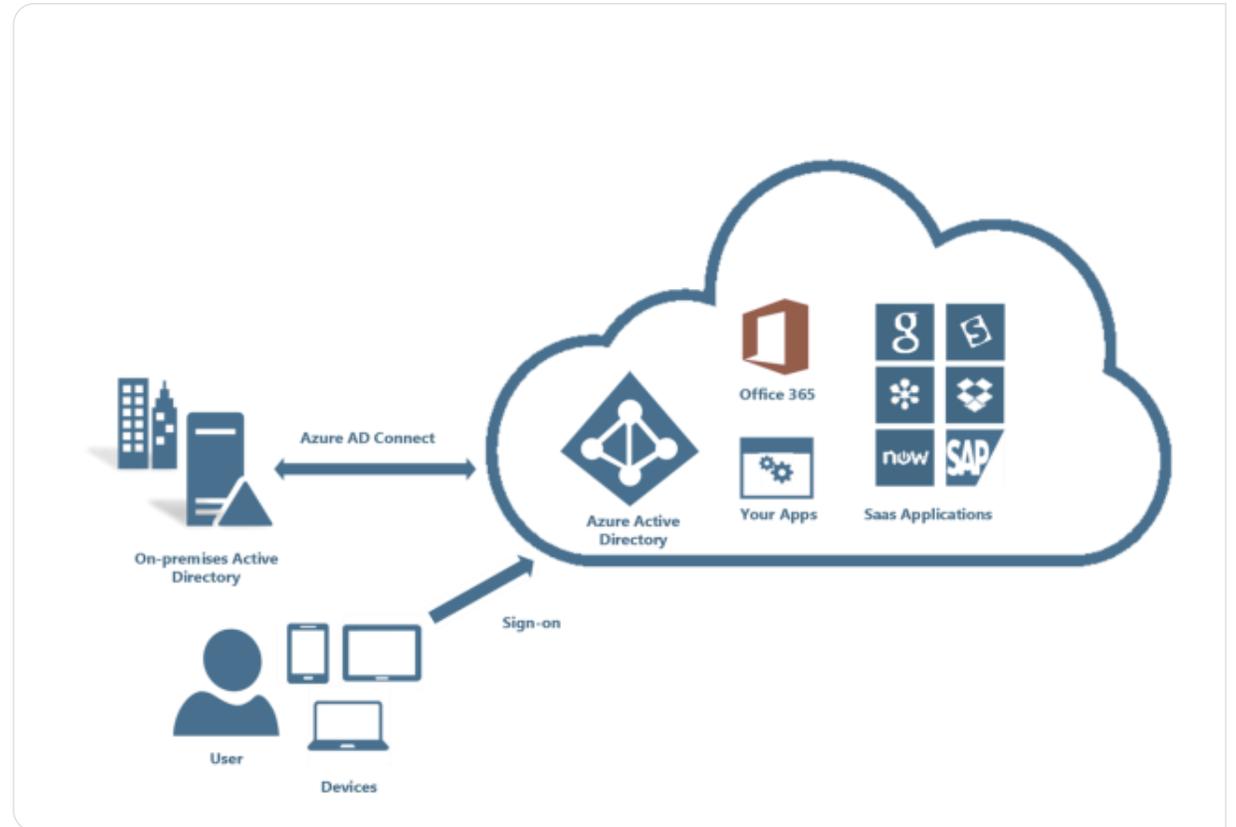
Images and Data stored local
Service Metadata stored OffShore



Deployment based on best
Practices



Gijima provide local migration
planning and execution



Master Image Management



The master image can be managed by already existing processes and technologies

Azure Update Management

System Center Configuration Manager



Best practices to configure a golden image for Windows Virtual Desktop



Application-masking technology to minimize the number of golden images and simplify app image management

Profile Management



Profile Container

The user profile is placed into a VHD container

This VHD is dynamically attached



Cloud Cache

- Cloud Cache absorbs reads and optimizes writes
- Adds a local cache component
- If the connection to the remote container is interrupted, the apps still work

Patch Management



Use existing tools available to the customer

Update VMs with existing Azure management solutions

System Center Configuration Manager



Gijima provide staged updates to keep systems available after logon

Gijima Deployment and Management Options



Gijima Onboarding Options

Azure Marketplace

GitHub using ARM templates



Azure Portal enables native integration



PowerShell for repeatable deployment and Azure integration

Specific to Customer requirements



Full desktop

Power users and developers who need to install their own apps or require admin privileges

Support outdated Applications



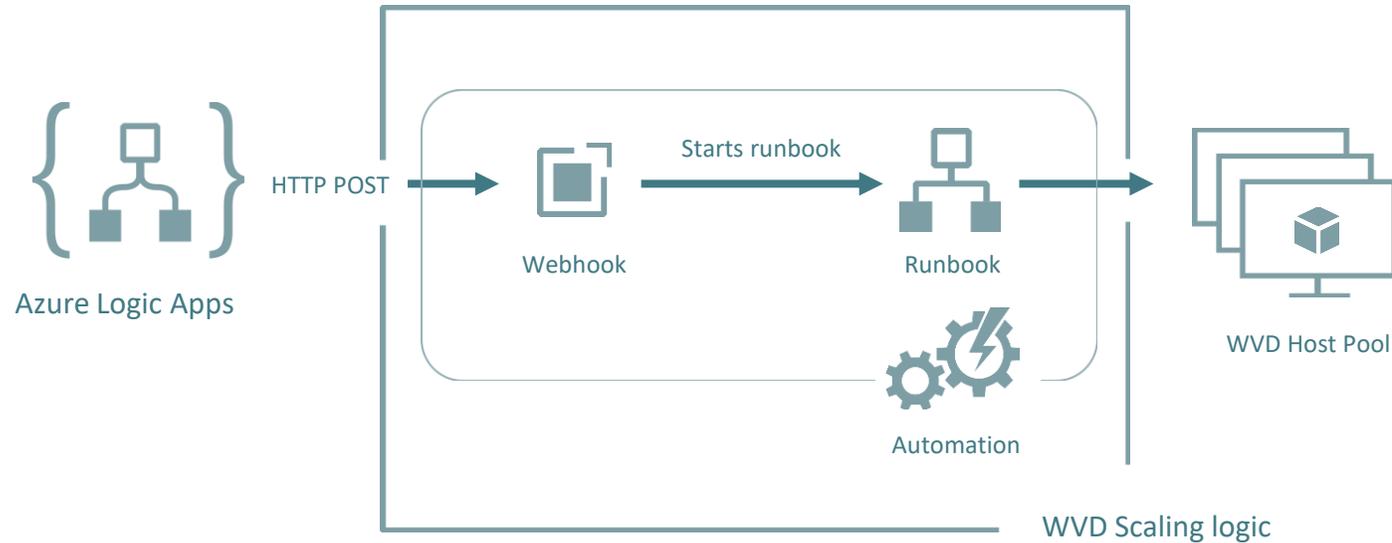
RemoteApp

Clients vary widely and application consistency is impacted

Different version of the same app

Gijima Microsoft WVD | Automation

Our Automation keeps costs low and minimizes IT administration time by using ARM templates



Gijima Microsoft WVD | Recommendations

Network Round trip network latency

- < 120 ms acceptable for continual use of VDI.
- <75 ms rich interactive multimedia and unified communications
- Depth-first user session scaling is more cost-effective
- Breadth-first user session scaling is more performant
- We recommend a mix of the two.

During logon storms (9 AM), have breadth-first as the scaling algorithm and flip to depth-first algorithm when the peak hours have passed.

A black and white photograph of a woman with a large afro hairstyle, smiling and holding a tablet. She is wearing a plaid shirt and light-colored pants. The background is a modern office with desks, computers, and bright lighting. A teal horizontal bar is overlaid across the middle of the image.

High Level Design

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Gijima Microsoft WVD | Recommended for Hybrid

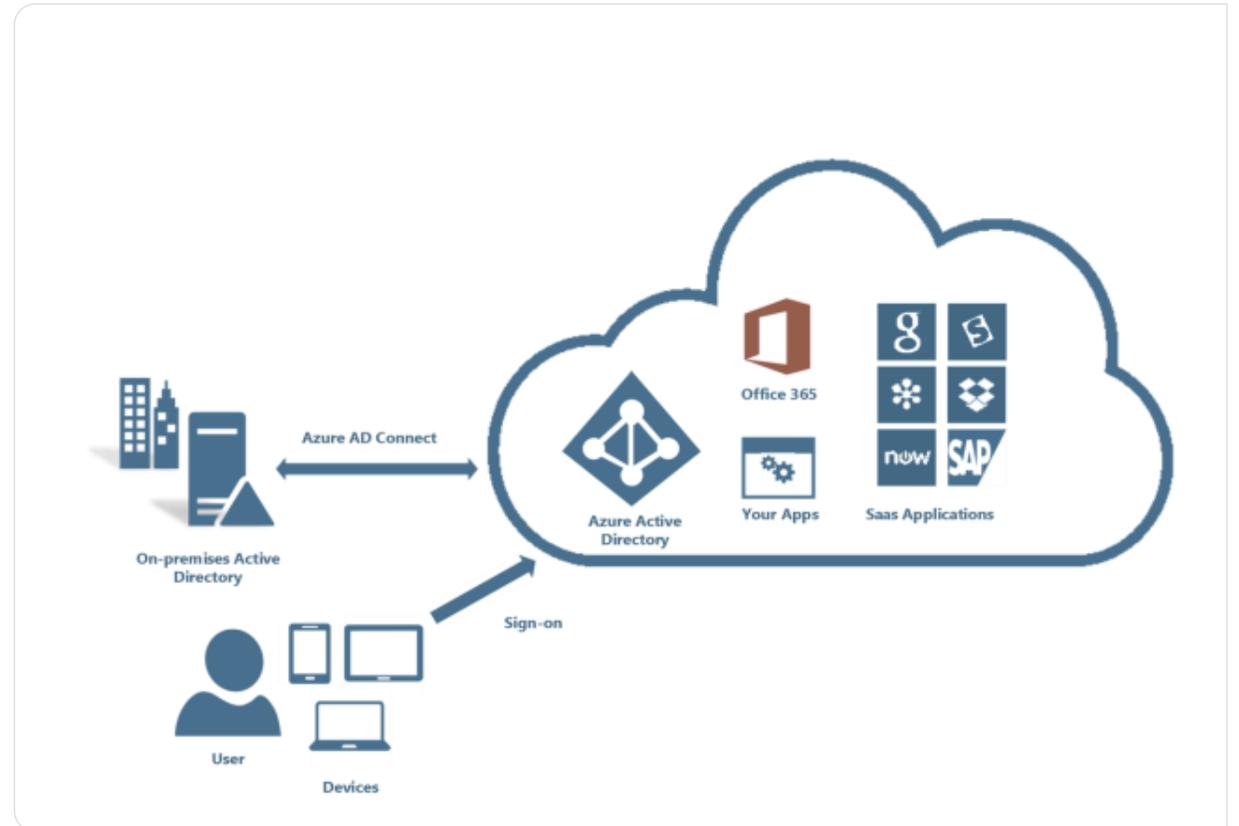


Azure AD



Windows Server AD on-premises,
connected to Azure

- ExpressRoute or site-to-site Virtual Private Network (VPN) to Azure
- Azure AD Connect synchronizes identities



Gijima Microsoft WVD | Recommended for cloud-based

Everything that happens in Azure AD is automatically replicated to the domain controller that's being run for you as a managed service.

If a user changes their password, it automatically takes effect across all connected Azure services.

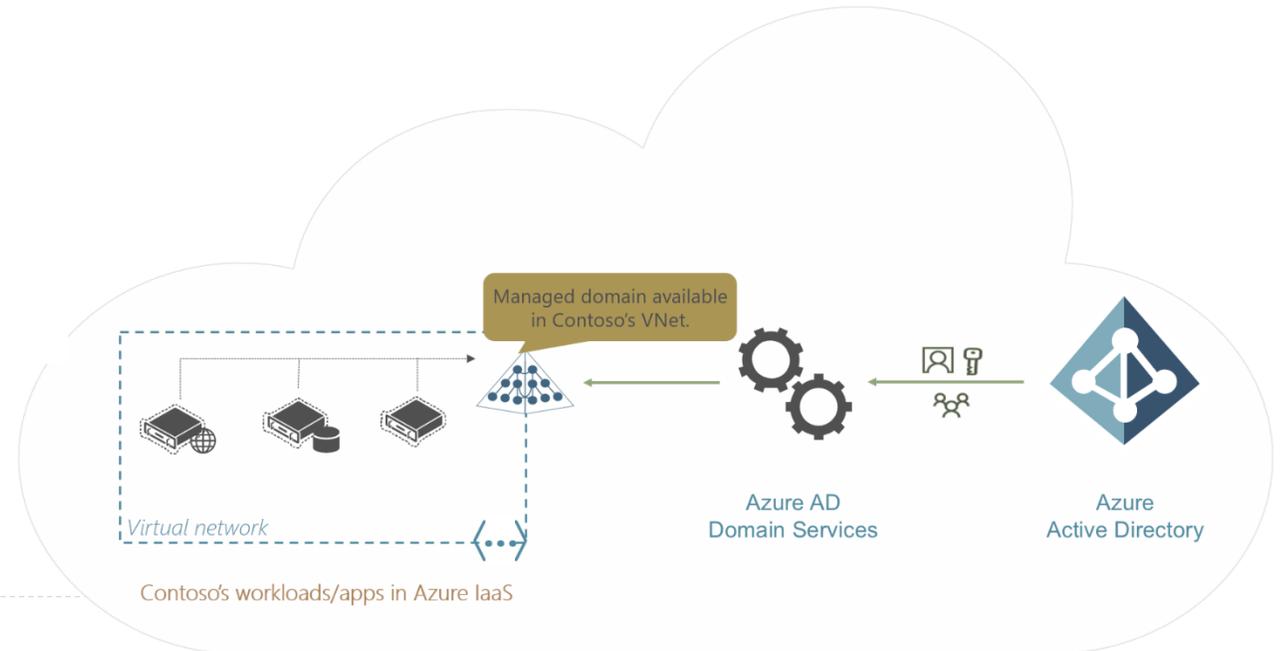


Azure AD



Azure AD Domain Services

- Windows Server AD run as a service by Azure
- Allows VMs to be domain-joined
- Users recognized both in Azure AD and Windows Server AD



Gijima Microsoft WVD | Security across ecosystem

Microsoft 365

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



Azure

>90 compliance offerings
>3,500 global cybersecurity experts
6.5 trillion global signals daily
\$1 billion annual cybersecurity investment

Windows Virtual Desktop

Reverse Connect
Azure AD authentication
AD-joined virtual machines



Financials

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Gijima Microsoft WVD | Licensing



Client

Users with one of the following software licenses can use Windows 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 Windows 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 Windows Virtual Desktop if they have one of the following user or device licenses:

- RDS CAL license with active Software Assurance (SA)

Gijima Microsoft WVD | Pricing

Calculating your costs

An Azure user account and subscription are required to deploy and manage a virtual machine. Pricing factors include:

- Virtual machines and operating system (OS) storage
- Data disk (personal desktop only)
- User profile storage
- Networking

Making it work for you

- We offer pricing options such as [one-year or three-year Azure Reserved Virtual Machine Instances](#), for savings of up to 72 percent versus the pay-as-you-go plan
- [Monthly payment plan is now available upon request](#)
- Reserved virtual machines can be exchanged or returned

Only infrastructure cost with BYOL

Windows Virtual Desktop session host virtual machines (including Citrix Cloud and VMWare Horizon Cloud on Azure deployments) are charged at Linux compute rates for Windows 10 single, Windows 10 multi-session, and Windows Server.

Customer only needs to bring appropriate Windows license



Pay only for the virtual machines (VMs), storage, and networking consumed when the service is in use.

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