



SOLUTION BRIEF

ACHIEVE UNPRECEDENTED PERFORMANCE, SECURITY, AND USER EXPERIENCE WITH YOUR CLOUD DIGITAL WORKSPACES

The Future of Windows is in the Cloud

A growing number of enterprises are discovering that shifting the Windows workspace experience from within self-contained endpoints to the cloud delivers substantial benefits to both IT teams and end-users. Cloud-delivered digital workspaces create limitless potential for automation and IT efficiency, along with the flexibility to scale compute resources up or down quickly based on need with very predictable costs. Meanwhile, cloud workspace users enjoy a highly responsive desktop experience that is accessible from anywhere and rarely constrained by hardware limitations.

IT teams and users alike also benefit from the more secure approach to computing that comes from centralized virtual desktops, simplified device patching, and a much smaller endpoint attack surface.

However, transforming an organization's end-user computing model isn't a trivial endeavor. It's essential to make the transition as efficient and seamless as possible. And the right partners can make all the difference.

Azure Virtual Desktop (AVD) has emerged as the de facto standard for companies seeking an enterprise-class Windows experience in the cloud, and IGEL and Citrix give organizations the enabling technologies they need to deploy cloud workspaces quickly and successfully, at scale.

IGEL Simplifies and Accelerates the Journey

Shifting Windows from endpoints to the cloud doesn't eliminate the need for a reliable endpoint operating system. The key is to keep the endpoint operating system and firmware footprint as lightweight, secure, and reliable as possible. This is where IGEL comes in.

IGEL OS is the next-gen edge OS for cloud workspaces. It's purpose-built for organizations that are shifting from traditional Windows endpoints to cloud workspaces. Built on a secure Linux kernel, IGEL OS can run on any compatible x86-64 device. This gives organizations the ability to extend the life of existing PC hardware investments as they move to AVD.



IGEL OS endpoints can be managed and updated in a scalable, centralized manner using the IGEL Universal Management Suite. Policy-based configuration and a fast and ultra-reliable update process ensures that the endpoint devices used to access AVD workspaces are always up-to-date and available.

Citrix or Azure Virtual Desktop? The Answer is Both.

For decades, Citrix has been the partner of choice for organizations seeking to get the most out of their Microsoft infrastructure. Many forward-thinking organizations already use Citrix to deliver optimized remote desktop experiences from data center environments, and now organizations can extend their Citrix capabilities to AVD as well. From managing hybrid environments with a combination of on-premises and cloud desktops to optimizing the user experience, Citrix offers a wide range of capabilities to make AVD deployments successful for both IT teams and users.

Deliver a Secure and Optimized AVD Experience with IGEL and Citrix

Together, IGEL and Citrix give you everything you need to deliver an outstanding AVD experience, efficiently and securely.

		
<p>Fast and Simple Deployment</p>	<ul style="list-style-type: none"> • Flexible device conversion and USB boot capabilities • Efficient endpoint deployment and configuration with IGEL UMS • Anywhere device access via the IGEL Cloud Gateway 	<ul style="list-style-type: none"> • Simple and efficient workspace deployment and lifecycle management • Flexibility to deploy workspaces and applications in the data center or AVD through one approach.
<p>Responsive, High-Performance User Experience</p>	<ul style="list-style-type: none"> • Lightweight, ultra-reliable OS that is highly responsive on a wide range of hardware • Optimization of key multimedia and video collaboration applications in coordination with Citrix • Extensive peripheral support, improving user experience and productivity 	<ul style="list-style-type: none"> • High-definition application and desktop experience, even under imperfect network conditions, using Citrix HDX technology • Optimized logon times and resource utilization with Workspace Environment Management • Performance issue identification and remediation guidance with Citrix Analytics for Performance

<p>Efficient Endpoint and Workspace Management</p>	<ul style="list-style-type: none"> • Self-service device provisioning, including from remote, Internet-connected locations • Intuitive policy-based device configuration of up to 300,000 devices from a single console • Fast and ultra-reliable software updates 	<ul style="list-style-type: none"> • Easy provisioning of hundreds or thousands of machines from a golden image, including update and rollback, with Citrix's Machine Creation Services (MCS) • Application and user layering enable extensive workspace customization without complicating the golden image.
<p>Lower Hardware and Infrastructure Costs</p>	<ul style="list-style-type: none"> • PC repurposing that allows new hardware purchases to be deferred as long as possible • Lightweight OS architecture with broad hardware compatibility extends the useful life of hardware 	<ul style="list-style-type: none"> • Simpler and more cost-effective Azure usage with Citrix Autoscale • Optimized site-to-cloud connectivity with Citrix SD-WAN
<p>Security from the Endpoint to the Cloud</p>	<ul style="list-style-type: none"> • Modular, read-only OS based on Linux presents a much smaller attack surface • Innovative chain of trust architecture validates every step of endpoint execution - from boot to workspace execution - cryptographically. 	<ul style="list-style-type: none"> • More efficient and timely Windows image management by shifting from endpoint deployment to Citrix and AVD • Behavior-based risk scores and actionable guidance using Citrix Analytics for Security

Begin Your Journey to an Optimized, Secure AVD Experience Today

The world of end-user digital workspace experiences is moving to the cloud. IGEL, Citrix, and Microsoft AVD are forerunners in making the cloud an integral component of any organization's IT and end user computing strategy. Discover how easy it can be to convert your existing Windows PCs into simple, smart, and secure AVD endpoints.

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