

The Countdown is on for Windows 10 EOS...

Close the Security Gap with IGEL OS on Existing Hardware and Access Windows in the Cloud.

With the announced end-of-support for Windows 10 later this year, organizations need a solid Windows 11 migration strategy that keeps workers productive on existing endpoint devices. At the beginning of 2024, analysts¹ indicated the success of cloud-first initiatives by those organizations moving application workloads away from the local endpoint into VDI, DaaS, SaaS, and environments accessed by secure browsers. This impending migration is an opportunity to take a fresh look at the endpoint, optimize with a modern strategy, and achieve the full potential of digital workspaces.

Accelerate Migration to Windows 11

IGEL and Microsoft collaborate to provide a seamless and powerful user experience with Azure Virtual Desktop and Windows 365 Cloud PC by optimizing existing devices with IGEL OS. IGEL OS is the secure endpoint OS designed for DaaS, SaaS, VDI, and secure browser workflows. Bolster endpoint security with the built-in Preventative Security Model™, simplify management, and reduce costs. IGEL's endpoint strategy accelerates the migration to Windows 11 in the Cloud by enabling IT to rapidly onboard and deliver secure, fluid performance on AVD and Windows 365 Cloud PC using existing endpoint devices that do not meet the minimum hardware requirements of running Windows 11 locally.



A fast and fluid workspace with IGEL supporting:

- Imprivata tap and go access to AVD
- Automatic launch to AVD in 33 seconds
- Authenticate with Entra ID
- Customize user interface
- Windows 365 Frontline
- AVD with Azure Stack HCI

IGEL App Portal:

- Microsoft Intune Conditional Access app
- Microsoft Teams Progress Web app
- Microsoft Edge Browser app
- Azure Virtual Desktop app

IGEL OS reduces:

- Endpoint attack surface by up to 95%
- Endpoint spend up to 75%
- Carbon footprint by up to 60%



Reduce your endpoint attack surface by up to 95%

- Mitigate risk of ransomware on the endpoint with the IGEL Preventative Security Model™
- Read-only OS, no data stored on the device eliminates data breach in the event of loss or theft
- Trusted application platform (TPM) issues a secure chain of trust from boot to desktop access
- IGEL Business Continuity enables rapid Windows endpoint recovery in the event of an outage

Reduce endpoint Total Cost of Ownership (TCO) up to 75%³

- Optimize existing hardware to extend the lifespan and save on capital expenditure
- Simplify endpoint management with one console, fewer patches, and solution integration compatibility
- IGEL endpoints do not require additional software security and management add-ons such as Endpoint Protection (EPP), anti-virus (AV), or Data Loss Prevention (DLP).

Reduce carbon footprint by up to 60%⁴

- Using optimized hardware for longer postpones the PC refresh and avoids e-waste
- Reduce energy use with efficient PCs, laptops, and thin clients from HP, Lenovo, LG, and other vendors.

Windows 11 v IGEL OS Hardware Requirements

Requirement	Windows 11 & 11 IoT	IGEL OS 12
Processor	1 GHz or faster with 2+ cores on a compatible 64-bit processor or system on a chip. (8th Gen.: c. 2018 onwards) Win 11 supported AMD, Intel , IoT CPUs	1.5 GHz – or faster – 64-bit with 2+ cores
Memory	4+ GB	Restricted feature set: 2 GB Recommended: 4+ GB
Graphics card	Compatible with DirectX 12 or later, with WDDM 2.0 driver. (Like Win 10)	Graphics chip: Intel, ATI/AMD, or Nvidia
Storage	64+ GB hard disk. There might be more storage requirements over time for updates, and to enable specific features, see Win 11 spec.	8+ GB hard disk, flash, SSD, eMMC or NVME. This includes space to handle updates
System firmware	UEFI, Secure Boot capable	UEFI, Secure Boot capable
TPM	Trusted Platform Module (TPM) version 2.0 - motherboard requirement (c. 2016 onwards)	TPM is not required
Sign-in	Microsoft account	No external account required

Sources:

[IGEL Support for Legacy Devices Sources](#)

[How to Find if Your System is Eligible for Windows 11](#)

[Find Windows 11 specs, features, and computer requirements](#)

[1GHz: The whole story](#)

IGEL OS supports a fast and fluid user experience with Windows 11 in the Cloud

- **IGEL Azure Virtual Desktop App** extends the security and management benefits of Microsoft AVD to the IGEL OS endpoint. Rapid onboarding with automatic launch to an AVD session from IGEL OS authenticated with Entra ID single sign-on. Customize the desktop user interface to your company brand or preference.
[Watch the video on rapid onboarding with IGEL and AVD.](#)
- Instant and secure access to **Windows 365**, your PC in the cloud on any device with IGEL.
[Watch the video direct boot to Microsoft AVD with IGEL in 33 seconds](#)
- Support for **Windows 365 Frontline** on IGEL devices enables multiple users e.g., shift workers work on up to 3 cloud PCs with one concurrent session. This flexibility helps organizations save costs while ensuring flexible and secure roaming across workspaces
- IGEL supports **AVD with Azure Stack HCI** to extend the benefits of cloud VDI to on-premises infrastructure. This helps improve the performance for AVD access and productivity even in areas of limited connectivity
- Support **Microsoft Teams** for seamless audio and video calls between users. IGEL supports multimedia offloading to the endpoint device
- **Secure tap-and-go access to AVD** with an industry first integration led by IGEL with Imprivata to expand secure tap-and-go access to clinicians using Microsoft Azure Virtual Desktop and Windows 365 Cloud PC environments. For clinicians working in mobile environments, this accelerates access to patient records while assuring compliance with patient confidentiality mandates.

Take a fresh look at the endpoint and optimize with a modern strategy

Leverage the full potential of digital workspaces with IGEL OS on the endpoint and Windows 11 in the cloud. As outlined in this brief, IGEL and Microsoft collaborate on integrations that help our joint customers benefit through synergies in technology. Microsoft Azure Virtual Desktop, Windows 365 Cloud PC and IGEL provide a secure and robust solution to securely onboard, access, and manage endpoints with flexibility and scalability. This innovative approach to endpoint management helps solve many of the challenges that burden enterprise IT as they evolve with user demands, security, compliance, and IT budget priorities. At the same time, lean and efficient IGEL OS benefits end-users with a satisfying, high-performance user experience on their existing laptop, PC, or thin client.

Sources

¹<https://www.forrester.com/blogs/predictions-2024-enterprise-software-75%of-enterprise-software-sales-will-be-SaaS>

³IGEL TCO Calculator

⁴2021 J. Sutton-Parker (The Author). Px3 Ltd, Innovation Centre, University of Warwick Science Park, Warwick Technology Park, Gallows Hill, Warwick, CV34 6UW, United Kingdom End User Computing GHG Emissions, A Px3 Research Paper for IGEL



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