IGEL OS, the next-gen edge OS for cloud workspaces, is a great companion to Windows Virtual Desktop

IGEL Technology offers IGEL OS, the next-gen edge OS for cloud workspaces. Based on Linux and lightweight with a small “footprint”, IGEL OS requires a 1 GHz processor and 2 GB of RAM to give users the ability to enjoy a rich, secure Windows Virtual Desktop experience using a compatible x86-64 device. Coupled with the IGEL Universal Management Suite (UMS) software, IGEL OS improves ease of use for users to access Windows Virtual Desktop from almost any device, while enterprise IT retains all required management and control.

Windows Virtual Desktop is changing the way virtual desktops are provided by delivering multi-session Windows 10 directly from Azure. Additionally, Windows Virtual Desktop enables you to provide Windows 7 virtual desktop to users as well as the option for existing Remote Desktop Services and Windows Server desktops and applications—all managed from a unified experience on Azure.

Known for its ease of use and now scaling to 100,000 endpoints and beyond, IGEL’s UMS software provides improved access and control while unifying related enterprise endpoints onto a single management platform. Especially helpful where organizations have a wide variety of devices, or during merger and acquisition transactions, UMS improves ease in managing and controlling enterprise endpoints accessing Windows Virtual Desktop services.

With support for Windows 7 winding down over the next three years, and approximately 200 million endpoints continuing to run Win7, an opportunity arises for organizations to ease their migration to Windows 10. Windows Virtual Desktop offers a cloud-based migration to Windows 10 that reduces the costly and time-consuming tedium of updating large numbers of endpoint devices. IGEL OS is a local alternative to traditional Windows for users looking to enjoy the same Windows user experience they are used to, but with Windows Virtual Desktop.

how it works
By moving Windows from user endpoint devices into the Azure cloud and delivered via Windows Virtual Desktop, enterprises can enjoy increased security and reduced endpoint updates, swap-outs, and upgrades. Where endpoint devices may be running different operating systems and/or sourced from different vendors, IGEL OS enables organizations to unify their compatible x86-64 devices onto a single management and control platform.
IGEL provides the next-gen edge OS for cloud workspaces. The company’s world-leading software products include IGEL OS™, IGEL UD Pocket™ (UDP) and IGEL Universal Management Suite™ (UMS). These solutions comprise a more secure, manageable and cost-effective endpoint management and control platform across nearly any x86-64 device. Easily acquired via just two feature-rich software offerings, — Workspace Edition and Enterprise Management Pack — IGEL software presents outstanding value per investment. Additionally, IGEL’s German engineered endpoint solutions deliver the industry’s best hardware warranty (5 years), software maintenance (3 years after end of life) and management functionality. IGEL enables enterprises to save money by extending the useful life of their existing endpoint devices while precisely controlling all devices running IGEL OS from a single dashboard interface. IGEL has offices worldwide and is represented by partners in over 50 countries. For more information on IGEL, visit www.igel.com.

The benefits of using IGEL OS for Windows Virtual Desktop

**Simplicity**
IGEL OS is the first Linux-based device OS verified by Microsoft for Windows Virtual Desktop. The UMS management software and control platform can be a simpler alternative to other similar OS. Compatible x86-64 devices can be converted to IGEL OS from the UMS console, and unified ongoing management from the UMS can be more easily managed whether for 80 devices or 80,000.

**Cost savings**
Since the IGEL OS can run on compatible PCs, laptops, thin-clients, or tablets with just a 1 GHz processor and 2 GB RAM, organizations can get extended productive life out of existing devices to delay the costly and disruptive "hardware refresh." IGEL OS can extend the life of existing endpoint devices.

**Mobility and business continuity**
Windows Virtual Desktop and IGEL OS are intended for businesses that offer “work at home” and remote productivity to employees. Since Windows Virtual Desktop is an Azure cloud-based service, users can access their apps and desktops wherever network connectivity exists. The IGEL UD pocket can temporarily turn compatible x86-64 devices into an IGEL OS endpoint, and the IGEL UMS can fully manage "off network" devices and even enable shadowing of devices from the UMS console for support and maintenance purposes.

**User experience**
IGEL OS is "light weight" to free up device processor cycles for optimal performance. It supports the very latest cloud and VDI client software from Citrix, Microsoft, and VMware, including over 90 partner technologies (clients, drivers, codecs, interfaces, protocols, peripherals). These are integrated with IGEL OS to help ensure integration across a vast range of computing/IT environments.

**Security**
IGEL OS is minimal in size, read-only, and modular so only those functions needed on a specific endpoint are locally loaded. It also support’s IGEL’s complete “chain of trust” to help companies access Windows Virtual Desktop with full confidence in their endpoints.

With Windows Virtual Desktop services from the Azure cloud poised to change how people access applications and desktops, the future of work is fast becoming the present-day reality. Windows Virtual Desktop is a secure, reliable, and readily available desktop-as-a-service from the cloud, and it demands easy, secure, and highly scalable endpoint access that serves to integrate and unite all user endpoints, regardless of vendor or native OS, to enable simple and secure user transition and onboarding. IGEL OS enables just that, as an integrated, multi-platform endpoint OS complement to Windows Virtual Desktop.

About IGEL
IGEL OS and compatible AMD hardware create a complete “chain of trust” from device boot to cloud workspace execution.

Simple, smart, secure access to cloud workspaces for Windows Virtual Desktop from IGEL