SOLUTION BRIEF

UNLEASH THE FULL POWER OF AVD WITH NERDIO AND IGEL

The Azure Virtual Desktop (AVD) service emerged in 2019, at that time Windows Virtual Desktop (WVD), with the promise of ubiquitous delivery of enterprise-class virtual apps, desktops, and cloud workspaces to organizations around the world. It signalled Microsoft's full, strategic embracement of the cloud as a viable and powerful source for organizations of any size to literally run some or all their business from the Azure cloud.

Shortly after its arrival, it became clear that using AVD is not a trivial matter. Many organizations have struggled to get up and running with the service, partly since AVD is still in its "early days" (became generally available in September of 2019), and partly because the service itself, to be fully utilized, can be complex and tedious for many IT organizations. This is where Nerdio has stepped in, to enable organizations of any size to migrate to AVD quickly and easily, and once using the service, to take full advantage of its potential.

IGEL OS is the premier hardware platform-independent endpoint OS for VDI and DaaS. Highly secure, easy to manage at scale, and enabling a consistently excellent end-user experience, IGEL OS allows organizations' endpoint devices to access AVD and other forms of VDI and DaaS in a secure, cost-effective, and user-friendly way for both end-users and IT staff.

For firms looking to start taking advantage of AVD in the most timely and effective manner, combining the technologies from Nerdio and IGEL can make the journey to AVD fast and easy.

Let's look at some of the most compelling reasons to consider Nerdio and IGEL as key "table stakes" elements you must have in place if you plan to use AVD.

AVD MADE FAST AND EASY

Nerdio and IGEL offer the fastest way to AVD success. With Nerdio Manager for Enterprise or MSP, you can fully automate and provision AVD desktops faster. Reduce weeks of IT team effort to days. Since IGEL OS is designed for accessing digital workspaces from the cloud, you can easily make your end-users' endpoints "AVD ready" before you provision your first AVD desktop!

SECURE

Nerdio and IGEL improve your security posture by reducing your attack surface – from the endpoint to the Azure cloud. Moving your Windows desktops to the cloud makes your entire enterprise edge more secure. Instead of residing on end-user PCs and laptops, Windows runs in the secure Azure cloud, designed with security as the most important factor. Use Nerdio to provision secure AVD Desktops in the cloud. IGEL OS makes user endpoint devices more secure by virtue of its small firmware footprint, its tamper-proof read-only file system, and its modular structure, where only features designated by policy are available on user endpoints. IGEL OS also includes the "chain of trust", a cryptographic signature verification process on every restart/reboot from the device UEFI all the way to the Azure cloud.

Simply stated, the combined Nerdio/IGEL solution with AVD helps ensure that your data stays where it is supposed to be!

PRODUCTIVE UNIFIED COMMUNICATIONS

Nerdio and IGEL with Zoom or Microsoft Teams offer the best collaborative experience for your people. Enabling these unified communications solutions on end-users' digital workspaces accessing AVD, especially across a large enterprise, can be a multi-step, time-consuming process that can be fraught with "IT admin error". Use Nerdio to automatically install and configure Zoom or Teams into your AVD Images, faster and with greater reliability. As one of IGEL's 130+ technology partners, Zoom and Teams are fully integrated into IGEL OS with continuous, rapid support for the latest client integrations. IGEL OS can assist in offering end-users with

a highly productive, collaborative Zoom or Teams experience by offloading video processing onto the local endpoint device.

RICH MULTIMEDIA USER EXPERIENCE

Nerdio and IGEL improve your end-users' experience for demanding, graphics-rich workloads. These applications, including CAD/CAM, video editing, simulation and modelling, 4K HD medical imaging and video, and streaming multi-monitor financials (just to name a few), are often assisted by graphics processing units (GPUs) within Azure cloud data centers. With Nerdio, you can easily provision, scale and manage GPU-enabled desktops. IGEL OS, in addition to helping multimedia workload performance via virtual channels and other techniques, is a high-performance device OS given its small firmware footprint and resulting low processing overhead. Use the IGEL OS and Nerdio combination to offer a supreme GPU-driven digital workspace experience.

SAVE MONEY

Nerdio and IGEL offer the most cost-effective way to deploy AVD. With Nerdio Manager, you can "spin up" and "spin down" AVD resources with Nerdio Autoscaling. This kind of resilient orchestration of AVD helps organizations use the service with great efficiency that reduces costs. IGEL OS runs on any compatible x86-64 device and only requires a base configuration of 1GHz processor and 2GB RAM. Given its high efficiency, IGEL OS can prolong the useful life of existing user endpoints, oftentimes by three to five years. This delays the typical "hardware refresh" cycle by years, which can save larger enterprises millions of dollars.

Nerdio and IGEL also help to greatly reduce ongoing operating expenses via streamlined, simplified AVD workspace and endpoint device management. Arduous, multi-step tasks are mitigated via Nerdio Manager automation and IGEL Universal Management Suite (UMS) simple drag-and-drop procedures from a single console. This vast simplification directly maps to reduced IT time and effort, and big money saved.

WORK FROM ANYWHERE

Nerdio and IGEL with AVD enable the new way of work – from anywhere. With both Nerdio Manager and IGEL OS, all your end-users need is an Internet connection to access AVD with full corporate management and control from the office, from home, while traveling – anywhere an Internet connection is available. Nerdio Manager enables fast and easy workspace provisioning and access to AVD for end-users regardless of their location, whether in the office or at home. IGEL OS-powered endpoints located anywhere off the corporate LAN can be fully managed and controlled by IT as long as there is Internet connectivity.

In addition to supporting the new fluid work-from-anywhere model for their people, Nerdio and IGEL help organizations to become more efficient by using AVD desktops from the Azure cloud to reduce data center footprint. Other energy saving benefits include reduced endpoint device HW needs, minimized commute times, and overall lowering of corporate carbon footprints (office space, endpoint power consumption, HVAC, etc.)

CONCLUSION

AVD continues its steady growth as more organizations realize the multiple security, cost saving, efficiency, and business continuity benefits of running their business, or at least parts of it, from the global Azure cloud. In fact, as AVD continues its global growth, it's clear that time-to-benefit from the service has become a crucial hurdle for organizations' IT implementation, logistics, and planning purposes.

Nerdio Manager for Enterprise or MSP empowers IT professionals to deploy, manage, and optimize Azure Virtual Desktop. IGEL OS makes user endpoint devices more secure, extends the life of existing endpoint assets, and makes it easy for IT teams to manage use endpoints across the enterprise.

There are plenty of good reasons to move to AVD. Nerdio and IGEL can make that move fast and easy, and once you're there, we can help you and your end-users enjoy all the benefits of AVD with minimal effort from your IT team.

IGEL AVD CLIENT ACCESS

Find out how to get started with Azure Virtual Desktop (AVD) using IGEL OS and get an evaluation license for AVD: **IGEL.COM/AVD**

TO LEARN MORE ABOUT NERDIO AND IGEL READY: IGEL.COM/READY
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