# SECURE, MODERN VDI WITH IGEL AND WORKSPOT

*Easily manage, protect, and empower your end-users*

## MODERN VDI SECURES ALL USE CASES WITHOUT THE LEGACY VDI BAGGAGE

Virtual desktop infrastructure (VDI) has served as an essential end user computing (EUC) technology for organizations with distributed workforces where corporate data, intellectual property, and personal information cannot be compromised. It has therefore become a popular, commonplace solution within healthcare, financial services, government, retail, manufacturing, higher education, and other industries that often must comply with industry and government regulations like HIPAA, GDPR, and PCI to name just a few.

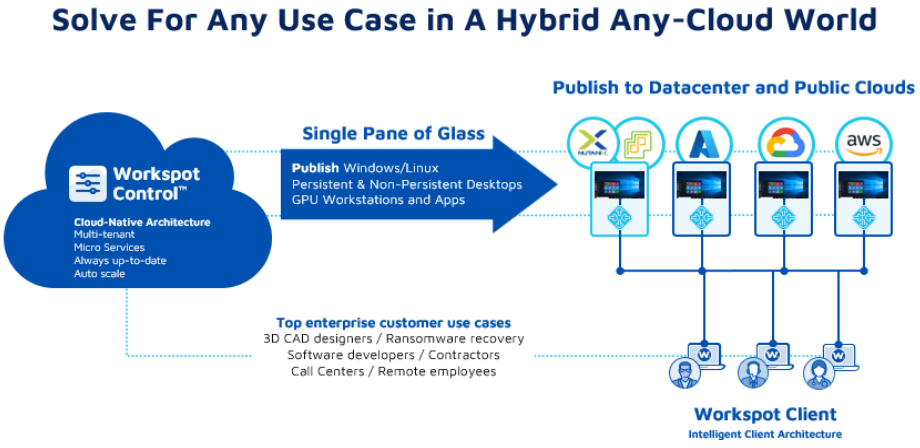
VDI solutions designed in the early 2000's have served EUC well for close to two decades, but the modern world of widely distributed workforces spanning vast distances and cloud migration initiatives have exposed some critical shortcomings that are rendering VDI from traditional providers as inadequate and in dire need of a significant upgrade. Notably, VDI was originally designed to run virtual apps and virtual desktops from a single data center for end-users residing mostly within highly centralized offices, with the percentage of "remote" users a small portion. Today, that model has been turned upside-down, with most people working from home or other remote locations while the typical office now oftentimes serves as a sparsely inhabited location for infrequent face-to-face meetings. As a result, legacy VDI struggles both logistically and financially to keep up with a rapidly changing world. Enterprise EUC teams now need to balance security, global performance, logistics, scale / burst /just-in-time, DR, and financials, which is proving very difficult with legacy VDI.

Fortunately, there is a timely, pragmatic fix to this dilemma, enabled by companies like Workspot and IGEL, where a new, lean, and efficient "VDI 2.0" is available ***now***. It's based on simplicity and lean, efficient design approaches that are free of the top-heavy baggage weighing down traditional VDI with resulting stronger security, end-user performance gains, much easier IT management and operation, and cost savings.

## MODERN VDI DESIGNED FOR TODAY'S WIDELY DISTRIBUTED WORKFORCES AND DATA CENTERS

Workspot's VDI platform is optimized to run virtual apps and desktops from VMs located in on-premises data centers and ***any cloud of choice*** – Google Cloud, AWS, Azure, or other clouds via managed service providers (MSPs). Architecturally, Workspot has eliminated the previously inescapable reliance on a highly complex and expensive mesh of back-end equipment and processes required by traditional VDI. This limits EUC teams' ability to support global performance, logistics, scale / burst /just in time, DR, and financial. Workspot replaces the massive overhead of legacy VDI with a set of lean, efficient, and multi-tenant "micro services" in the secure cloud that easily scales to serve an unlimited number of organizations and end-users anywhere in the world. Workspot has turned what has always been a cumbersome, IT labor-intensive back-end VDI approach into a quick, agile, and rapidly scalable cloud-native enabler for modern VDI that is ideal for on-prem VMs, hybrid on-prem and cloud VDI environments, or VDI services offered entirely from any cloud or multiple clouds.

With hybrid any-cloud, Workspot brings new EUC performance and reliability advantages with unmatched DR and business continuity. End-users can be located as close as possible to VMs within any cloud, region. or on-prem data center. Consistently high-performance digital experiences occur almost anywhere on the planet – all easily managed and controlled by IT from a single pane of glass console.

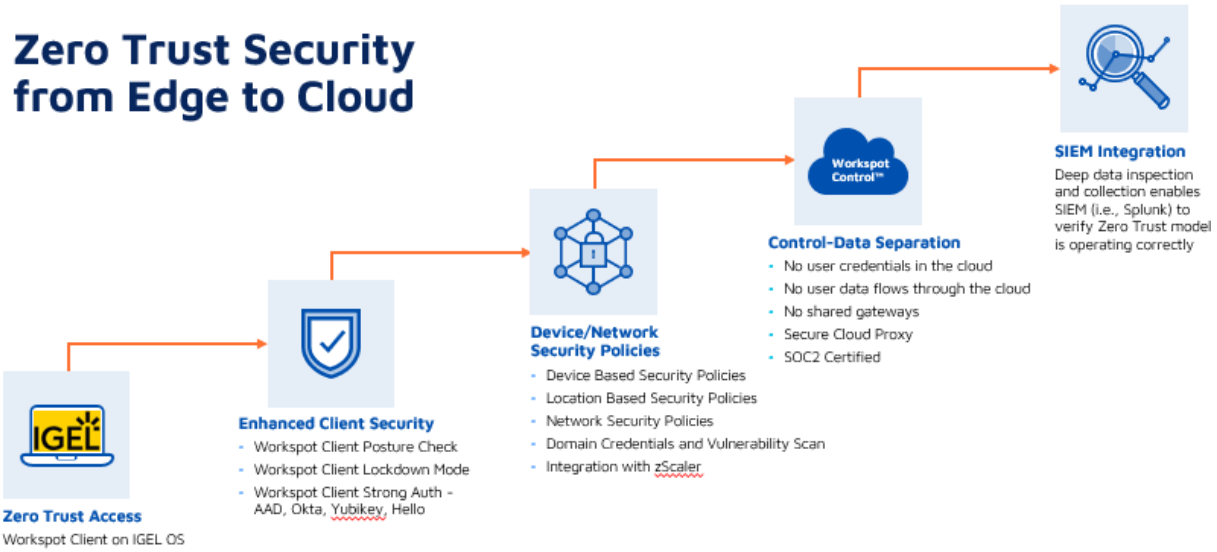


## IGEL OS – THE SECURE ENDPOINT OS FOR THE MODERN ERA

Accessing any form of digital workspace, including VDI, can be heavily impacted by the operating system running on the endpoint device. Many of today's VDI environments include endpoints running Windows 10 or 11. Since almost all virtual desktops are using Windows, a very strong argument can be made that it does not make sense to access Windows using Windows on the endpoint, especially if one of the IT goals is to ease endpoint device management. Managing hundreds or many thousands of physical Windows endpoints is an extremely time consuming, laborious process for IT teams who spend way too much time and effort updating Windows, anti-virus signatures, software agents, and patches. As an extremely secure, lightweight, efficient, and easy to manage OS designed for digital workspace access with VDI being the dominant use case, IGEL OS is super-easy to manage from a single console, from just a few to tens of thousands of endpoints. It is not unusual for IT to reduce the time and effort to manage VDI endpoints by 80% or more after moving to IGEL OS. In addition, given its lack of overhead, IGEL OS-powered endpoints offer excellent performance to complement the high-performance VDI user experience delivered by Workspot.

The other key advantage of using IGEL OS for accessing VDI is in **security**. Based on Linux and then optimized for VDI and the cloud, IGEL OS consumes a tiny "footprint" compared to Windows, with a minimal attack surface that is essentially unappealing to would-be hackers. Since all data and apps with Workspot are safely kept in the secure data center or cloud, IGEL OS-powered devices offer zero reward if ever hacked. And if an IGEL OS device ever does get hacked, you can simply restart the device to bring it back to its original secure, pristine state.

The EUC combination of Workspot with IGEL OS contributes to an extremely strong zero trust security posture, as Workspot helps secure every VDI session, and IGEL helps secure every endpoint device. In addition to other security measures taken in the data center or cloud, combining Workspot and IGEL OS is a great way to "lock down" your enterprise-wide VDI estate from the data center or cloud all the way to your end-users.



## DEEP OBSERVABILITY FOR OUTSTANDING DIGITAL EXPERIENCES (DEX)

Workspot's observability tools, namely *Workspot Watch* and *Workspot Trends*, are integrated into the product at no extra cost and offer IT teams with unmatched levels of deep observability and insight of all VDI sessions across the enterprise in real-time (Watch), and historically (Trends). With Watch, IT can stay on top of the relative health of all active VDI sessions and respond quickly should any end-user problems arise, and in some cases impending issues can be remedied before they ever surface to end-users. With Trends, IT teams can view historical quality of end-user experiences over time, notice which factors and network elements may be impacting DEX, and invoke remedies (e.g., updating a load balancer, assigning more CPU or RAM resources to a VM, etc.) in response to symptoms and indicators of likely upcoming issues. With Workspot Watch and Trends, end-users can enjoy the highest levels of productivity and satisfaction from anywhere.


## SECURITY, PERFORMANCE, AND SIMPLICITY SPANNING FROM YOUR CLOUD TO YOUR END-USERS

With a best-in-class combined EUC solution comprised of Workspot's modern enterprise VDI platform and IGEL's secure endpoint OS designed for optimal access to digital workspaces, organizations can protect their apps and data while making life much easier for both their IT teams and their end-users. Firms are also looking to migrate key workloads to the cloud but only at the ideal pace for their business. IGEL and Workspot can help with that eventual transition given their combined ease of management and operation. The additional advantage of the deep end-to-end observability brought by Workspot means IT teams can deploy Workspot and IGEL OS to stay on top of the overall health of their enterprise-wide VDI environment to keep end-users protected and productive from anywhere.

Want to learn more?

**Schedule a live demo now!**