SIMPLIFY AND SECURE AMAZON WORKSPACES WITH IGEL

Amazon Web Services (AWS) revolutionized how server workloads and other IT services are implemented and managed. Now, Amazon WorkSpaces, along with IGEL's next-generation edge OS for cloud workspaces, is transforming end user desktop computing in the same way.

Shifting end user computing infrastructure to the cloud using Amazon WorkSpaces:

- Improves IT efficiency by eliminating the need for Windows provisioning and patching at the endpoint
- Delays or completely eliminates the need for frequent and costly PC hardware refreshes
- Avoids the cost and complexity of implementing and scaling on-premises virtual desktop infrastructure (VDI) and remote desktop session hosts
- Allows for rapid provisioning of required cloud-based applications and workloads to end users based on roles and organizational policies
- Permits user mobility with connectivity from anywhere the AWS cloud can be accessed
- Enables dynamic scaling of end user compute and storage resources – both up and down – based on organizational demands

However, successfully unlocking the business benefits of Amazon WorkSpaces requires:

- Lightweight, easy-to-manage, and secure endpoints to take the place of traditional PCs
- Endpoint configuration, deployment, and management that is simple, secure, and highly scalable
- Advanced remote display protocol support that can deliver a high-fidelity remote desktop experience to users
- Endpoints that support a broad range of attached peripheral devices (printers, scanners, smart cards, etc.) to satisfy the most user workloads and enterprise security needs

THERE'S A
REVOLUTION
AT THE EDGE...

*Apps, desktops and data
any device, anywhere, any business*

IGEL combines a lightweight, software-defined endpoint operating system with powerful, centralized management to enable secure, high-performance Amazon WorkSpaces access. IGEL helps organizations adopting Amazon WorkSpaces to fully realize the promise of simpler and more secure access to cloud workspaces with software-defined endpoints that are:

- Simple to manage and highly scalable
- Compatible with a broad range of PC and thin client hardware
- Secure by design
- Equipped with the most advanced Amazon WorkSpaces remote desktop protocol technologies
- Enabled with 17 additional remote desktop protocols, including Citrix, VMware, and Microsoft RDP, allowing frictionless cloud onboarding and seamless migration between cloud and on-premises infrastructure to address issues or changing requirements

Secure Both Managed and Unmanaged Devices

Replacing the large and porous attack surface of Windows on the endpoint with IGEL's next-gen edge operating system for cloud workspaces, IGEL OS, delivers immediate security benefits. Linux-based IGEL OS is dynamically configured by the IGEL Universal Management Suite (UMS) with only the capabilities that are necessary, and trusted execution ensures the integrity of the endpoint at all times.

IGEL OS also includes support for a wide range of multi-factor authentication and single sign-on technologies, enabling support for general security best practices and industry-specific requirements. In addition, an optional secure browser can isolate high-risk web browsing activity from a user's primary computing activities in the Amazon WorkSpaces environment.

IGEL OS also enables Amazon WorkSpaces to be delivered to unmanaged and/or highly mobile "bring your own device" (BYOD) endpoints through its unique UD Pocket deployment option. By giving users the ability to boot IGEL OS from a USB device, UD Pocket can securely deliver Amazon WorkSpaces to unmanaged devices, wherever they may be, without exposing the environment to a potentially insecure, user-managed operating system.

Whether you deploy IGEL OS on a managed or unmanaged device, all user session activity is performed remotely using compute resources and storage in the Amazon WorkSpaces infrastructure. No sensitive data is ever stored locally on the endpoint.

Simplify Endpoint Deployment and Management

IGEL OS was purpose-built for remote management and has a much smaller footprint than a traditional Windows operating system. Any required firmware updates are delivered in a fast and ultra-reliable manner using an efficient "buddy update" approach that reduces the impact of bandwidth bottlenecks. This includes on-premises devices, as well as remote devices, which are seamlessly provisioned and updated through the IGEL Cloud Gateway (ICG).

IGEL UMS makes it simple and efficient for IT to manage up to tens of thousands of endpoints from a single console. UMS works in concert with IGEL OS to give IT teams precise, centralized control over how endpoints are configured and which features and customizations are available to end users.

IGEL's efficient and reliable endpoint management approach, when combined with Amazon WorkSpaces' cloud-based desktop delivery model, eliminates the cost and inefficiency of traditional Windows PCs.

Minimize Endpoint Hardware Costs

In addition to making IT teams more efficient, the combined capabilities of IGEL and Amazon WorkSpaces also dramatically reduce hardware costs. IGEL OS is compatible with any 64-bit x86 device with 2 Gigabytes of RAM or greater, enabling IT to repurpose existing hardware extensively.

The result is significantly reduced endpoint hardware acquisition and refresh costs, while giving IT teams all of the benefits of a unified management approach.

Deliver a High-Fidelity Desktop Experience to Users

Organizations adopting Amazon WorkSpaces will only be successful if they can deliver a user experience that is equivalent to or better than a traditional PC experience. Through a first-of-its-kind partnership with Teradici, IGEL OS features fully integrated support for Amazon WorkSpaces delivery over the PC over IP (PCoIP) protocol. This enables a high-performance desktop experience while making efficient use of network bandwidth.

This integration, combined with IGEL OS's extensive peripheral support, multimedia capabilities, and integration with leading third-party desktop performance monitoring optimization tools, gives IT teams everything they need to deliver a highly optimized Amazon WorkSpaces experience to their users.

ANY CLOUD, ANY HARDWARE, ANYWHERE
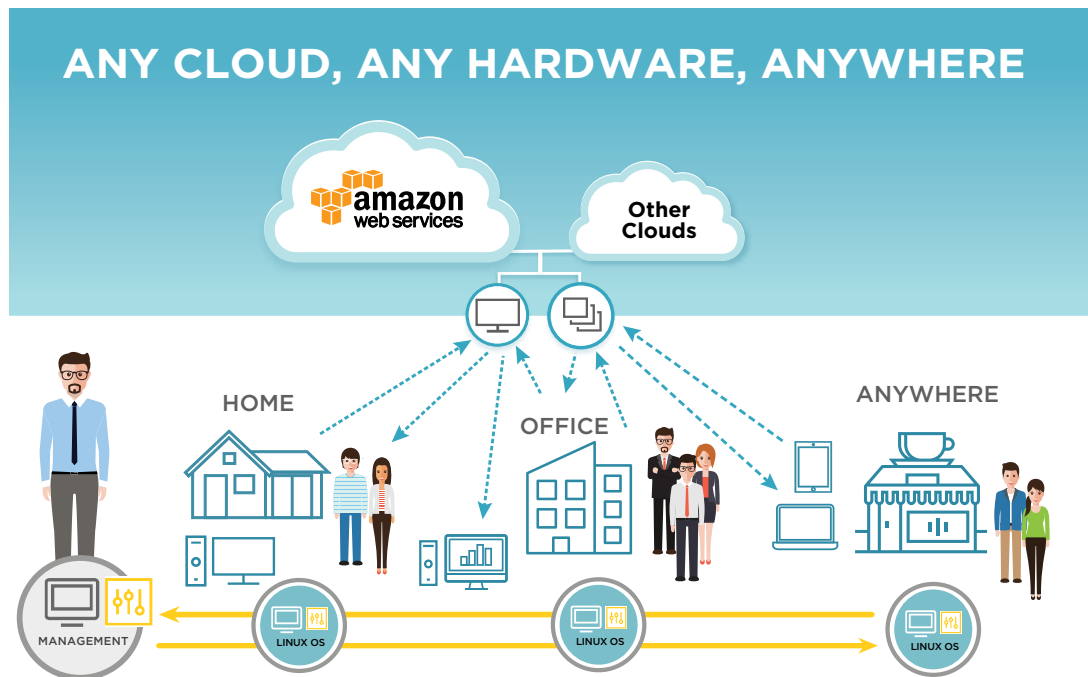
Download IGEL Workspace Edition to Get Started Today

Are you ready to get started with Amazon WorkSpaces? **Download IGEL Workspace Edition for free** to experience the simplest, most cost effective, and most secure way to deliver Amazon WorkSpaces to your users.

Your IGEL Workspace Edition download will include 3 IGEL OS licenses and complete access to IGEL UMS for management, all of which are free to use for up to 90 days.

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Revolutionary in its
Simplicity