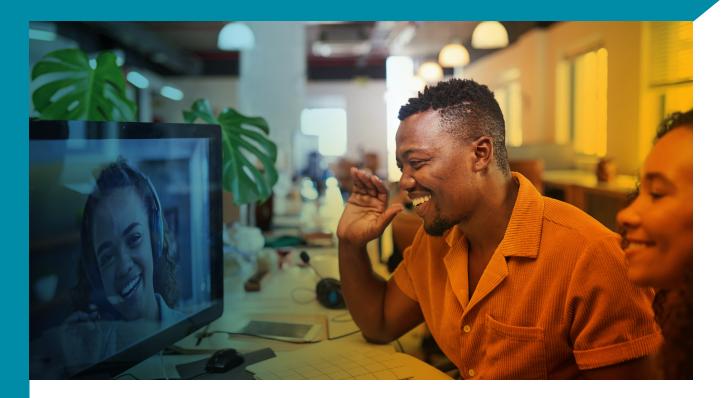# TOP REASONS WHY IGEL IS PERFECT FOR ENTERPRISES OFFERING HYBRID WORK
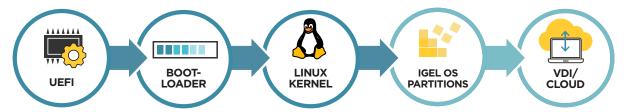

Hybrid work is often called the work model of the future. But that's not necessarily true, as hybrid working has already become norm within many companies. Accelerated by working exclusively in the home office as a result of the Coronavirus pandemic, employees no longer want to relinquish their "new" flexibility. However, this situation brings new challenges for many companies when some employees work in an office while others work from home or almost anywhere else.

IGEL offers IGEL OS, the managed endpoint OS for secure access to any digital workspace, and the IGEL Universal Management Suite (UMS) for full management and control of all IGEL OS-powered user endpoints. For companies looking to offer their people greater flexibility and a great user experience, IGEL can play a key role in ensuring secure, productive, and highly efficient digital workspaces.

Let's consider some of the top reasons that IGEL is the best endpoint OS for accessing virtual apps, desktops, and cloud-delivered digital workspaces within the current hybrid world of work:

Security – Always top of mind

1. Based on Linux and structured as a modular, read-only firmware base, IGEL OS has an extremely small attack surface and a broad array of security-focused features designed to minimize exposure and prevent attackers from infecting your endpoint devices.

2. IGEL offers a broad range of security features like USB port control, multi-factor authentication, and encrypted transport layer security (TLS) tunnels to ensure secured connections and file transfers from the UMS management console to IGEL OS-powered endpoint devices.

3. IGEL's verification process (IGEL Chain of Trust) is initiated at boot-up to ensure end-to-end system integrity. A sequence of cryptographic signature verifications starts on the device/UEFI to unlock each step of the boot-up process, from the endpoint device up to the digital workspace VDI host or cloud.

UEFI → BOOT-LOADER → LINUX KERNEL → IGEL OS PARTITIONS → VDI/CLOUD

Management and control at scale

1. IGEL's enterprise-class management solution, the IGEL Universal Management Suite (UMS), is legendarily known for its ease of use. It enables a single IT endpoint administrator to fully manage and control up to 300,000 endpoints and includes easy, profile-based "drag and drop" endpoint configuration and management.

2. The UMS Web App provides IT administrators with a rich, graphical, and user-friendly, browser-based interface for IGEL UMS access for monitoring IGEL OS endpoints, and managing profiles, user groups, and permissions.

3. The IGEL Cloud Gateway supports managing, controlling, onboarding, and troubleshooting widely distributed endpoint devices sitting outside the corporate LAN (e.g., home offices), where the UMS and those devices are not in the same network. A separate VPN connection is not required.

Employee experience - Your people will thrive from anywhere

1. IGEL OS delivers a great user experience for unified communications. It enables high-fidelity unified communications, optimized for Microsoft Teams, Zoom, Cisco WebEx Teams & Meetings, JVDI, and Avaya, with corresponding headsets from EPOS, Jabra, and Poly.

2. IGEL OS supports HDX, PCoIP, and other technologies with offloading of multimedia processing to the local operating system while running critical real-time communications components on the device. Graphics processing unit (GPU) environments and hardware acceleration for H.265 (HEVC), with twice the compression of audio and video with the same quality are readily supported.

3. IGEL's Shared Workplace functionality, an optional feature for the IGEL Universal Management Suite, allows individual work preference settings per user, e.g., keyboard language, mouse-button configuration for right/left-handed operation, session types, etc. at shared workplaces like call centers and university labs where multiple people may use the same device.

Onboarding – Fast and easy

1. Any compatible device can be set up as an IGEL-powered endpoint within minutes. IGEL's UD Pocket, a highly portable micro-USB stick solution, enables people to simply plug it into an available USB port on their personal device of choice and they are up and running in their company workspace!

2. The IGEL Cloud Gateway software enables zero-touch onboarding of IGEL OS-powered endpoints via the Internet, with frictionless ongoing remote access for users and secure shadowing from IT administrators and support staff whenever required.

Today, the "new normal" is for people to have the freedom and flexibility to work from anywhere, which includes home, office, and any other suitable location. Other factors such as the economy, fuel crisis, inflation, and sustainability are all contributing to where we work. Companies must face up to this reality, otherwise, they run the risk of losing their best recruits and existing staff.

For the above reasons, IGEL OS is the ideal endpoint operating system for cloud workspaces, and the IGEL UMS is the perfect complementary platform for managing and controlling your endpoints regardless of their location – on or off the corporate network.

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IGEL
next-gen EDGE OS
for cloud workspaces