IGEL and Omnissa solution for healthcare

Deliver simplified workflows, enhanced data security, and better user experience with the IGEL and Omnissa solution

Equip your healthcare workforce with a better end-user experience

Healthcare providers navigate a challenging environment: an increasing volume of patient data, complex regulatory requirements, and the need to improve the quality and efficiency of care delivery.

From registration desks to patient rooms, nurse stations to workstations on wheels, office desktops to mobile and remote workers, healthcare organizations are deploying modern IT solutions that simplify workflows, enhance data security, and ultimately improve the patient and provider experience.

Working together, we streamline operations, allowing healthcare providers to focus on delivering better care.

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Simplified workflows, enhanced data security and better user experience

Combined Omnissa Horizon® and IGEL OS secure endpoint solution gives healthcare providers fast and secure access to patient data and clinical applications from virtual desktops, laptops, and thin clients. Through the IGEL Agent for Imprivata, the solution integrates with Imprivata Enterprise Access Management technology to enable roaming clinical desktops or applications (e.g. roam a user session to a desktop with a dictation device) and Fast User Switching with leading EHR systems for both in-patient and ambulatory environments. Horizon® Blast protocol ensures high-quality user experience under varying network conditions, optimizing delivery of virtual desktops and apps from any device. The solution also supports in-application workflows such as secondary authentication for EPCS and attestation.

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Reduce risk of healthcare data breaches

IGEL Preventive Security Model™, with no data stored on the endpoint and OS isolation, reduces the risk of healthcare data breaches from ransomware, or lost or stolen devices, and expensive breach investigations. Omnissa Horizon centralizes user profile management and policy controls, allowing users to access only what they need; built-in forensics improves the security of virtual desktops and sessions.

Rapid and secure onboarding

The IGEL Onboarding Service is a secure and cost-effective way to deploy IGEL OS on clinical workstations, laptops, and thin clients. Devices are registered by users who authenticate through Omnissa or other identity services, and once authenticated devices are subsequently configured, updated with apps installed without intervention.

Ensuring business continuity

In the event of a system outage or disruptive event that interferes with access to virtual desktops and applications, IGEL OS reconfigures to connect to backup or failover systems in minutes with IGEL for Business Continuity . IGEL OS also enables users to connect to online services such as Office 365, Teams and Zoom. Once issues are resolved, endpoint devices redirect to primary production systems.

UD Pocket with IGEL OS

The UD Pocket supports bring-your-own-device initiatives where users boot a secure IGEL OS from any device, authenticate, connect to Omnissa Horizon and gain authorized access to company resources. This combined solution enables remote employees and contract workers to be up and running and productive in minutes.

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Real-world use cases

- Check-in / Kiosk
- Patient room
- Nurse station
- Exam room

- Shared workstation
- Digital signage
- Patient monitoring
- Tracking boards

- Operating room
- Dictation station
- Pharmacy
- Clinical imaging

- Workstation on wheels
- Mobile / Ambulance
- Hybrid / Remote work
- Business continuity

Detailed use cases

Patient rooms

- Shared workstations (physically mounted in patient rooms)
- IGEL OS configured for
    - Badge tap logon
    - Fast user switching
    - Barcode scanners
- User desktops and EHR applications delivered by Omnissa Horizon and Apps on Demand

Check-in / Kiosks

- Kiosk tablet or laptop
- Registration app delivered by Omnissa Horizon and Apps on Demand
- Peripherals required:
    - Printer
    - ID Scanner
    - Signature pad
    - Badge tap access
- Digital signage

Workstation on wheels

- Shared workstations (wireless laptop or thin client) on a roaming cart
- IGEL OS configured for
    - Badge tap logon
    - Fast user switching
    - Barcode scanners
- User desktops and EHR applications delivered by Omnissa Horizon and Apps on Demand

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Conclusion

Combined Omnissa Horizon and IGEL OS secure endpoint solution offers fast, secure access to patient data across devices, with integrated Imprivata SSO and MFA for seamless clinical desktops and applications roaming and Fast User Switching. It enhances security with IGEL's Preventive Security Model™, reducing the risk of data breaches and ensuring OS isolation. Our collaboration helps transform healthcare environments into more efficient and secure spaces and ultimately improve the patient and provider experience.

LEARN MORE

Learn more about how Omnissa and IGEL offer a seamless user experience:

- IGEL webpage
- Omnissa webpage