



The Tech that will Unlock Cost Savings for Healthcare IT

Reduce IT costs and gain secure mobile
access to ePHI from ANY mobile device
with Virtual Mobility.

www.hypori.com

The Tech that will Unlock Cost Savings for Healthcare IT

Introduction:

Healthcare organizations have long grappled with the complex intricacies of using legacy technology. Accessing critical patient data and health records was often hindered by security concerns and data management issues. These technological challenges resulted in unfavorable experiences for patients when attempting to access health records, communicate with doctors, or use their health benefits. Coupled with these complex technical hurdles, healthcare organizations are also combating rising cyberattacks.

For healthcare providers, their current costly and desk-bound hardware forces medical professionals to rely on workarounds that compromise privacy when seeking secure, zero-trust, remote access to electronic protected health information (ePHI) and personal records.

This whitepaper presents an innovative technical solution that will transform your approach to empowering healthcare workers.

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Three Use Cases:

Enabling HIPAA-compliant,
zero-trust access to ePHI,
simplifying remote work admin,
operating on insecure networks



The Cybersecurity Threat to Mobile Data is on the Rise and so are the HIPAA Fines.

Statistics in 2023 showed:

HIPAA fines ranged from **\$15K to \$1.3M.**¹

In the last five years, there's been a **256% rise in significant hacking-related breaches.**³

3x

as many Americans had their **PHI compromised in 2023 than in 2022**⁵

375k

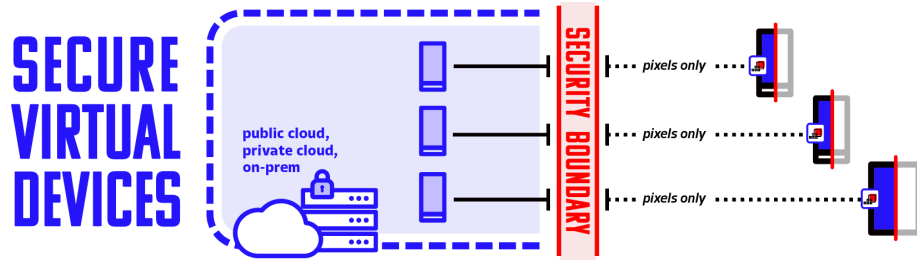
healthcare records were **breached EVERY DAY**⁴

\$11m

average **cost of a data breach** in Healthcare Industry - Most expensive reported for the 13th year in a row²

¹. compliance group - HIPAA fines ². weforum - cost of breach ³. hhs.gov - cost of breach ⁴. hipaajournal - rise in hacks ⁵. physicianpractice - PHI compromised

Understanding Virtual Mobility



- ✓ **Secure one-app access** to ePHI data
- ✓ **Use of personal devices** for HIPAA-compliant work
- ✓ **The ability to share** patient data seamlessly
- ✓ **Reduced risk of data loss**, theft, and ransomware
- ✓ **Preservation of healthcare worker's privacy** on their personal device

HIPAA-compliant access.

No data stored on the **device**.

Empowering staff with a virtual device means granting them the flexibility to confidently use their personal smartphone or tablet for work. Employees can bring their own device or “BYOD” and securely access ePHI without purchasing expensive, additional hardware that requires distribution, management, maintenance, and monitoring. By enabling healthcare professionals to provide care from their personal devices, virtual mobility supports organizational objectives to achieve new levels of excellence in healthcare.

Virtual Mobility is Proven in Action

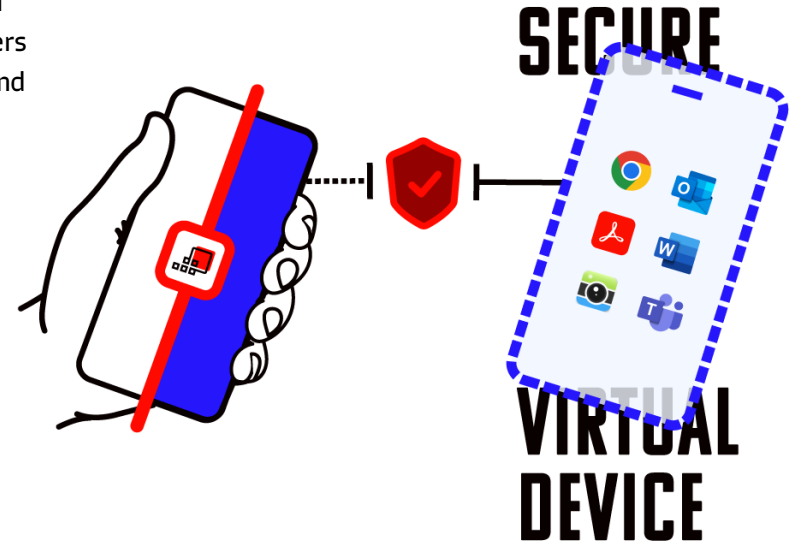
Each employee's unique virtual device is accessed via an app on their corporate-issued or personal mobile device. A virtual BYOD solution provides a simple, secure, and low-cost option that empowers the clinician, protects data from loss, theft, and leakage, preserves patient and clinician privacy, and eliminates the need to manage extra hardware.

Virtual BYOD gives businesses the confidence that their workers are not security risks.

And gives workers confidence that their company is not invading their privacy.

Virtual mobility uses a zero-trust approach to security leaving no data at rest or stored on the physical device. Ever.

No data at rest means no data at risk of being lost, stolen, leaked, or wiped.



To showcase how virtual mobility delivers ROI, we've broken down three healthcare use cases.

USE CASE

Driving Efficiency in Home Healthcare: Zero-Trust Mobile Access to ePHI

Business Need:

Frontline health providers require zero-trust, HIPAA-compliant access to patient data to deliver quality care in the convenience of the client's home.

Challenge:

The risks of PHI leakage and the associated costs and administrative complexity of managing MDM and corporate-issued devices are staggering.

SOLUTION:

During the home visit, the practitioner launches the virtual mobile device app from any smartphone or tablet for secure access to the patient's records, treatment plans, medication schedules, and medical directives. No extra device for the clinician to manage or accidentally forget to bring or leave behind and no data at risk of being lost or stored on their personal device.

Virtual device technology reduced HIPAA violation risk by reducing 1,000s of endpoint devices down to a single instance in the cloud:

- ✓ **Less IT overhead** than MDM
- ✓ **No device management** needed
- ✓ **Simple one-app** on/off boarding

USE CASE

Speedy Onboarding of Contractors and New Acquisitions

Business Need:

Simple and swift onboarding and offboarding contractors and integrating an entirely new workforce of employees.

Challenge:

This is a complex and extremely time-consuming task of understanding who has access to devices. It's costly to manage hundreds of corporate devices and it needs to be done fast.

SOLUTION:

One centralized dashboard to manage all user accounts in addition to simple 1-click on/offboarding removes the difficult task of issuing and collecting devices.

Simple 1-click on/offboarding removes the complex undertaking of issuing and collecting devices:

- ✓ **No data is stored** on the devices
- ✓ **No loss of PII** or sensitive information
- ✓ **No need for a second** phone

USE CASE

HIPAA-Compliant Access, Anywhere, Even on Unsecured Networks

Business Need:

Healthcare professionals who are traveling to different facilities or needing access to sensitive patient data on the go.

Challenge:

Increasing cyber threats associated with users accessing PHI from common unsecured networks (i.e. coffee shops, hotels, airports, and even compromised healthcare).

SOLUTION:

Instant connectivity and HIPAA-compliant collaboration by using a secure virtual environment that has access to email, data, and applications. Unlike MDM/MAM, there's no risk involved with losing patient data on lost or stolen equipment, and there's no data in transit.

Operate securely and confidently on unsecured networks or insecure areas of the world:

- ✓ **Access what you need**, when you want, anywhere
- ✓ **Simply delete the app to remove all access from the device** and data remains preserved in the cloud
- ✓ **Lost or stolen devices** present no risk

IT Management Made Easy

All the convenience of centralized device management with none of the hardware headaches.

With 100% user privacy, your staff can confidently operate from their own devices while presenting no security risk to the organization.

Eliminate individual device management via a centralized, **single-admin console**

Eliminate remote wipes because physical devices are not connected to secure or government networks

Scale quickly with SaaS, app-access increasing IT productivity

Centralized Hub for Simple Administration

1-Click Installation & Removal

No Remote Wipes

Reduce Compatibility Issues

Scalability

No Hardware Cost

Simplify on- and off-boarding remotely with a single click, without impacting the device

Simultaneously upgrade and patch instances without burden of supporting multiple OSs and versions

Half the price of a second device and only carry one phone

Total Cost of Ownership - Mobile Device Programs

See how a zero-trust virtual BYOD solution compares to:

- Employer-Provided Device (EPD) programs
- BYOD with mobile device management (MDM) software

Total mobile spend per employee (\$USD annual)*

	Employer-Provided Device	BYOD with MDM	BYOD with Virtual Device
Phone	\$300		
Connectivity	\$504		
Connectivity Stipend		\$482	
Software	\$60	\$66	\$365
Management	\$458	\$345	\$40
Cost	\$1,322	\$893	\$405

*Estimated costs for connectivity stipend, software, and management based on this [Samsung article](#). BYOD with virtual device listed price is the base cost. The actual cost may change after customer requirements, discounts, enhancements, etc. have been negotiated and finalized.

**CUT YOUR MOBILE
DEVICE PROGRAM
COSTS BY 50%.
AND SEE THE
SAVINGS
IMMEDIATELY.**



Cost Analysis Summary

Regardless of how you need to empower your remote workers, half with corporate-issued devices and half with virtual, or all virtual, you'll save money and admin headaches using virtual devices to remain HIPAA-compliant.

Solution Spotlight: HYPORI HALO™

Hypori Halo, a virtual BYOD SaaS solution, excels in delivering secure access to enterprise apps and resources from any mobile device. Available in the AWS Marketplace, together, Hypori Halo and AWS are enhancing user productivity, strengthening data security, increasing scalability, and providing reliable cloud infrastructure to host and manage these resources; ultimately providing organizations with a comprehensive, future-proof solution for remote workforce empowerment and management.

Hypori is a service-disabled veteran-owned small business (SDVOSB) headquartered in Reston, VA, with a technology hub in Austin, TX.



- Qualified Software
- Public Sector



Available in
AWS Marketplace

Hypori Halo Compliance



NIAP Common Criteria
Certification



NIST
SP 800-171

Department of Defense
Impact Level 5

Department of Defense
Impact Level 4



Type I & Type II

In Conclusion:

Virtual mobilization emerges as a transformative solution in a rapidly evolving healthcare landscape where the need for secure, efficient, and mobile access to patient data is paramount. This whitepaper has underscored the critical challenges facing healthcare organizations today, from rising cyberattacks to the cumbersome nature of legacy systems. Through virtual mobilization, we've explored how healthcare providers can unlock significant cost savings while enhancing security, streamlining operations, and preserving patient and provider privacy.

In conclusion, virtual mobilization represents an innovative approach to healthcare IT, offering cost savings and enhanced security, compliance, and productivity. As healthcare organizations continue to navigate the complexities of an increasingly digital world, embracing virtual mobilization is not just a choice but a strategic imperative in delivering safe, accessible, and high-quality care to patients everywhere.



Learn More

about Hypori Halo and how healthcare organizations can benefit from virtual BYOD or contact Hypori today at info@hypori.com.