



Managing Mobile Risk in Healthcare

Mobile solutions are already here,
but mobile can be insecure and risk-prone



Mobile solutions
are pervasive in
healthcare today.

Physicians Embrace Mobile

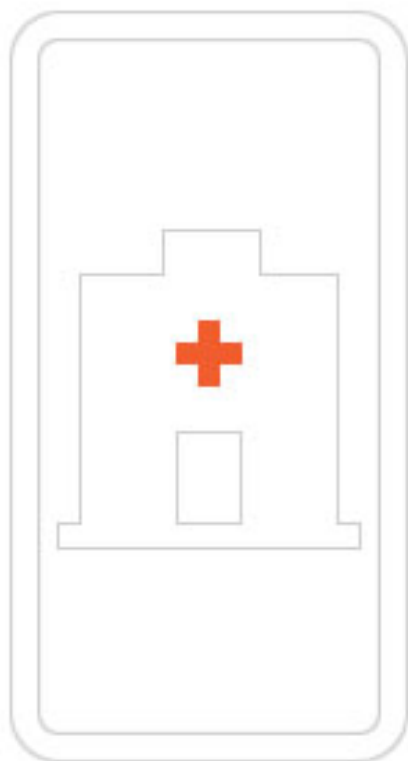
In a 2018 Mobile Health Survey of physicians, 75.9% say they **use mobile health** in their practice **on a weekly basis**.¹

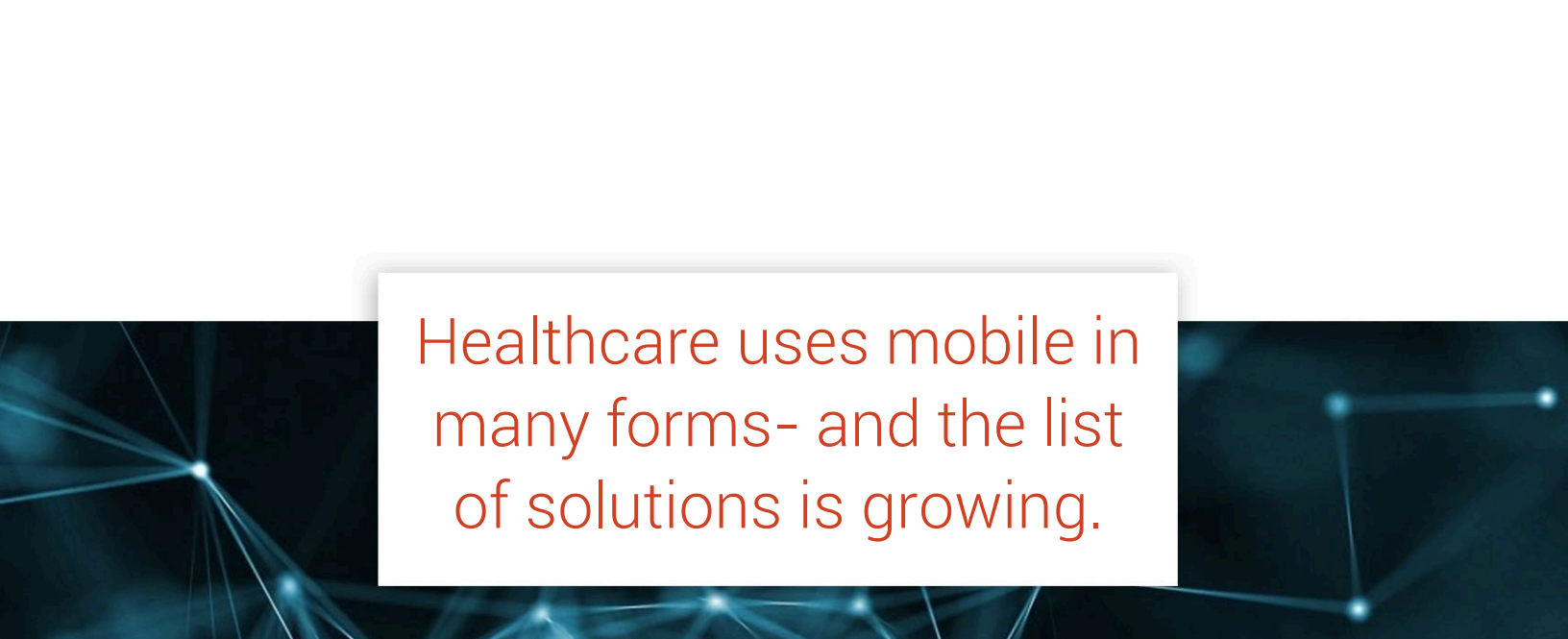
Healthcare CIOs Embrace Mobile

65% of healthcare CIOs say they are currently working to **bring mobile elements** into a unified strategy to support clinical workflows.²

Healthcare CISOs Embrace Mobile

Almost half of healthcare chief information security officers (CISOs) already use mobile applications to store, view, and communicate patient health records.³





Healthcare uses mobile in many forms- and the list of solutions is growing.

How Healthcare CIOs Plan to Use Mobile

71%

clinical documentation

70%

medication administration

65%

critical diagnostics result alerts

61%

clinical decision support alerts

61%

care team assignments

How Physicians Use Mobile

70%

Secure communication between staff members

51%

Mobile EHR applications

50%

Secure provider communications

47%

Education on clinical issues

Healthcare is targeted
disproportionately for
cyber attacks



Healthcare Faces More Security Breaches

A 2017 Breach Level Index report on breached records found that across all industries, Healthcare, at 25% of the total, had the largest number of breaches. Financial services was second at 14%.⁴



Mobile is one of the Biggest Threats

The Ponemon Institute found that **48%** of healthcare IT and IT security practitioners reported a breach involving loss or exposure of patient information in the past year. They also reported one of the **biggest threats** to be unsecured **mobile devices**.⁵



HIPAA regulations apply to mobile devices in non-intuitive and unforeseen ways.

An Endpoint is an Endpoint

For HIPAA compliance, **mobile devices should be considered endpoints** in the same way that personal computers are.

In fact, the National Cybersecurity Center of Excellence noted that *"patient information collected, stored, processed, and transmitted on mobile devices is especially vulnerable to attack."*⁶



Compliance and Security Overlap

In the acute-care sector, one survey found that many healthcare CIOs "viewed **mobile strategies as primarily a security project concerning HIPAA compliance.**"⁷

Zimperium Delivers Mobile Security for Healthcare

Incorporating Zimperium zIPS into your healthcare organization's mobile experience will enhance the security and privacy of the mobile solutions within your organization.

zIPS also decreases the likelihood of mobile device-based compromises. zIPS positions your organization to more readily and securely adopt mobile solutions, which will increase patient satisfaction and provide a significant differentiator for those choosing healthcare providers.

Zimperium
has detected
100%
of mobile
exploits without
requiring an
update



zIPS Protection for Mobile Devices

zIPS is the world's first mobile intrusion prevention system app that provides comprehensive protection for iOS and Android devices against mobile network, device and application cyberattacks.

zIPS can protect the mobile devices of healthcare providers and other staff against device, network and application (DNA) threats.



zIAP In-App Protection

Embed Zimperium technology in your organization's apps and mobile learning solutions. zIAP ensures that the mobile applications you provide to physicians, clinicians, and other healthcare providers and staff remain safe from cyberattacks by providing immediate device risk assessments and threat alerts.

-
- 1 - The State of Mobile Health in Today's Practice
 - 2 - What Will be Hospital CIOs' Priorities in 2018?
 - 3 - How enterprise mobility will influence healthcare in 2018
 - 4 - 2017 - Poor Internal Security Practices Take a Toll
 - 5 - The Cure for Common Smartphone Ailments in Healthcare
 - 6 - Securing Electronic Health Records on Mobile Devices
 - 7 - Mobile device strategies catch on among hospitals

