

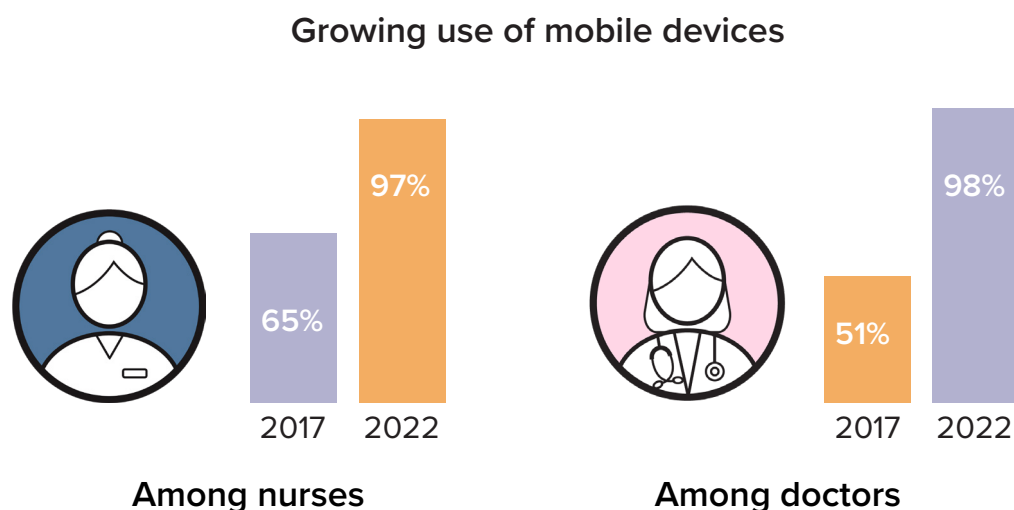
WHITEPAPER

Five reasons healthcare is adopting mobile technology



Quality of care is a top priority for care delivery organisations, and as such, organisations are looking for new ways to simplify and streamline point-of-care workflows. Recent innovations in interoperability now make it possible to enable more clinical workflows at the bedside using mobile technology. According to a survey from Zebra Technology looking at the adoption of enterprise-owned shared devices in several global markets, mobile device adoption for bedside nurses is expected to reach 97% within three years.¹

So, why are healthcare organisations turning to mobile devices to facilitate the day-to-day work of clinicians? The answer actually falls beyond just clinical workflows. Today, organisations are implementing mobility projects to address enterprise-wide initiatives. This brief outlines why mobile devices are critical assets to healthcare organisations and how Imprivata can help hospitals better leverage their investments in mobile technology by ensuring security and adoption of corporate-owned devices.



Reason 1: Improving care quality

There's a direct correlation that can be found between providing new mobile technologies to clinicians and their ability to deliver fast, quality care to patients. In a recent study about the impact of mobile devices on hospital patient satisfaction, 96% of organisations that implemented mobile devices in their environment saw increases in patient satisfaction and experience scores. According to the same study, 72% of organisations say improved quality of patient care is a direct result of clinician mobility. As care delivery organisations work to streamline clinical workflows, clinicians are able to spend more time face-to-face with patients, allowing for better quality care for more patients each day.

1. https://www.zebra.com/content/dam/zebra_new_ia/en-us/solutions-verticals/vertical-solutions/healthcare/white-paper/2022-hospital-vision-study-en-global.pdf

Reason 2: Reduce clinician burnout

Inadequate staffing levels and insufficient time spent with patients contributes to the high rate of burnout amongst clinical staff.



33%

report inadequate staffing levels

54%

report excessive workloads

96%

report fatigue at the beginning of their shift

50%

report spending insufficient time with patients

One of the ways to alleviate this burnout is to simplify and streamline workflows at the point of care. Clinicians are looking for ways to share resources more quickly, better communicate with care team members, access confidential patient information in real time while providing care, and simplify their workflows for managing alarms, administering medication, and other time-consuming tasks. Mobile devices can help improve workflows, particularly in real-time point of care.

Reason 3: Reduce spend

Mobile devices help to reduce costs of technology hardware and inventory, as well as the cost of patient care. Standardising on technologies that can more readily be shared between clinicians is a big win when it comes to budgets. It also saves time, allowing clinicians faster access to the tools and information needed at the bedside, which helps to expedite care and removes unnecessary costly steps in the delivery of care.

Mobile devices can help facilitate and optimise the expanding IoMT by streamlining many workflows at the point of care and enabling fast, secure, and real-time transfer of patient data access the connected network.

Reason 4: Improve interoperability

The Internet of Medical Things (IoMT) is key to why there is a rapidly increasing number of connected devices and applications in healthcare, ushering in increased quality and efficiency of care. Today, some large hospitals in the US already support upwards of 90,000 connected devices and the adoption of connected devices is expected to increase by about 26% in the next few years. In the Australian care market, mobile devices can help facilitate and optimise the expanding IoMT by streamlining many workflows at the point of care and enabling fast, secure, and real-time transfer of patient data access the connected network.

Reason 5: Improving security and reducing administrative burden

As the number of devices grows, ensuring that connected devices in the healthcare environment are properly secured against potential threats is a daunting task for CIOs. This issue compounds when devices become more mobile and are shared among different clinical resources. According to a recent study, 67% of healthcare organisations are concerned with data privacy when it comes to the use of mobile devices in their environment.

This makes sense given that the Privacy Act 1988 was updated in 2022 to increase data breach fines to AU\$50 million, or penalties based on data monetisation and 30% of adjusted quarterly turnover. Keeping accurate audit trails of inventory and security components for mobile devices can become particularly difficult as organisations are often unable to track which users had access to which devices at what point and for what purpose.

Imprivata offers a comprehensive, end-to-end mobility solution that helps organisations optimise their mobile strategies. Imprivata delivers automated device provisioning, secure device checkout, and fast, secure access for users, helping organisations unlock the full potential of shared mobile devices by ensuring a fast, efficient workflow while improving security and auditability.



Imprivata, the digital identity company for healthcare, provides identity, authentication, and access management solutions that are purpose-built to solve healthcare's unique workflow, security, and compliance challenges.

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