

BYOD (Bring your own device)

Connected health and the rise of BYOD: trends, opportunities, and considerations

Today's healthcare systems are being challenged to be more preventative, reduce costs, and improve care. In response, they are turning to innovative digital solutions that put the patient at the center of a more integrated model of care delivery focused on improved access and better outcomes. These digital tools are transforming healthcare by helping to connect people and their care providers throughout the health continuum, driving increased collaboration, and offering new opportunities for improved health management.

- On the rise
- Top 5 drivers
- Opportunities for clinicians and health systems
- Key considerations



The future of BYOD

Innovative health solutions can enable better collaboration between care networks and patients across the care continuum. As more healthcare organizations develop policies and programs that support BYOD, the benefits to clinicians, systems, and patients will continue to expand, encouraging continued innovation in products and services that will yield better care and outcomes.

BYOD on the rise

The adoption of BYOD has benefited the industry, allowing providers access to data, including patient information and medical history, clinical trial data and more, whenever they need it to make informed clinical decisions. More and more healthcare professionals are integrating smart devices into their day-to-day activities.



Healthcare organizations and providers



Top 5 drivers for BYOD



Benefits of BYOD



Clinicians

- Reduced training burden
- Productivity and satisfaction
- Quick, effective decision making



Health systems

- Cost savings
- Affordable Care Act adherence
- Recruitment

Key considerations

While the advent of digital health solutions and BYOD capabilities is helping healthcare providers and systems provide quality care, these innovations also present unique challenges.



Data security



Connectivity



IT support for users



Patient privacy and HIPAA compliance

BYOD examples



App-based ultrasound

A new digital approach to ultrasound connects off-the-shelf compatible smart devices, mobile application, advanced ultrasound transducer technology, integrated IT, and support services to help healthcare providers improve care and reduce costs.

Learn more at www.philips.com/Lumify



Electronic health records

An electronic record of patient health includes demographics, progress notes, problems, medications, vital signs, medical history, immunizations, lab data, and radiology reports. When available on a mobile device, EHRs can streamline clinician workflow.



PDRs and other clinical reference tools

These mobile apps allow clinicians to access information such as current prescribing facts for thousands of drugs, the most recent biomedical research, and other point-of-care reference support.

References

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