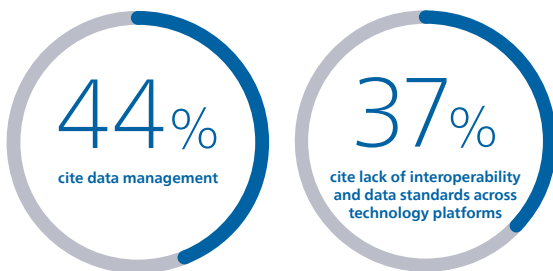


Seeding the next wave of innovation with an open patient monitoring ecosystem

Technology has long held the lure to transform healthcare into an efficient and seamless experience. But its full promise remains elusive. The abundance of proprietary interfaces and data formats – in addition to limited vendor-to-vendor interoperability – creates barriers to innovation.

At Philips we understand the complexities of our healthcare landscape cannot be tackled by one vendor alone. How can the many products and systems come together to benefit patients and caregivers?

Healthcare leaders cite the following as roadblocks to the adoption of digital health technologies



The biggest barriers to digital health technology adoption: data management and interoperability¹

As a world leader monitoring more than 500 million patients each year, Philips is positioned to help solve some of the most urgent care challenges of our day. We believe that by opening our platform to other companies, we can create a patient monitoring ecosystem that allows caregivers to fully leverage investments in digital technologies and manage devices across vendors with ease. Hospitals and health systems can then balance the need to standardize and personalize care across acuties and disease pathways to help [enhance workflows](#), care delivery and patient safety.

An open patient monitoring ecosystem could enable benefits such as:

- Providing vendor-to-vendor, bi-directional communication and control to:
 - Silence alarms from inside and outside the patient room to promote a healing environment, and
 - Help reduce clinician interactions from multiple touchpoints to a single touchpoint
- Predicting patient deterioration along with insights on how to guide interventions.

Open ecosystem benefits at scale

 <p>Workflow</p> <p>More time for direct patient care, consistency of care and reduced sentinel events through improved automation</p>	 <p>Insights</p> <p>Providing holistic, clinical insights across the patient journey, moving from abstract waves to situational awareness</p>	 <p>Standardization</p> <p>Increased clinical efficiency, streamlined training on a single interface, resource optimization</p>	 <p>Personalization</p> <p>Tailored protocols based on preference and patient need, ease of training and adoption</p>	 <p>Mobility</p> <p>Innovating mobile capabilities that enable clinicians to take action from anywhere in the healthcare facility</p>
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Philips intends to open our ecosystem to 3rd party applications and algorithms enabled through a common infrastructure that can be centrally managed, maintained, serviced and secured while supporting you with a variety of business models and consultative services to help navigate installation, analytics and optimization.

Coordination across care settings and acuties

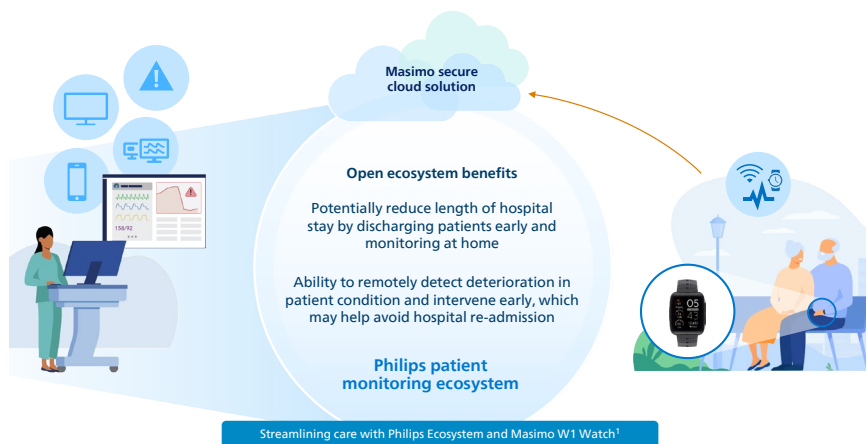
As healthcare delivery models change there is renewed pressure on clinical staff to care for patients in [more fluid environments](#). This has led to measures promoting early discharge and avoiding inappropriate hospital readmission². At the same time hospital-at-home programs have helped lower readmission rates by 2.09-7.0%^{3,4}, increased patient satisfaction by 8-40%^{3,4,5} and improved career satisfaction.³



The future of acute patient management will enable connected systems, standardization and clinical flexibility

Philips and Masimo collaborate on breakthrough solution for home health applications

In early 2023, Philips announced [expansion of its partnership](#) with Masimo to augment patient monitoring capabilities in home telehealth applications with the Masimo W1™ advanced health tracking watch*. Philips plans to integrate W1 with Philips enterprise patient monitoring ecosystem to advance the forefront of telemonitoring and telehealth.



¹Not available for clinical use at this time

Philips leading next-gen interoperability standards

Philips is deeply committed to the advancement of healthcare data and communications [standards](#) (e.g., Integrating the Healthcare Enterprise (IHE), HL7, IEEE, DICOM, Continua and SDC), as a corporate member of and contributor to several leading standard-setting organizations.

Partner with purpose to deliver results

While technology offers hope, it has not fully delivered on the promise. Let's work together to leverage the disruptive capabilities of today to transform and scale for the challenges of tomorrow.



Visit Christoph Pedain, business leader for Hospital Patient Monitoring at Philips in the HIMSS booth at 1 p.m. on Tuesday, April 18 for a forum discussion on the benefits of the open ecosystem.
#ChristophPedain



1. Future Health Index 2021: <https://www.philips.com/c-dam/corporate/newscenter/global/future-health-index/report-pages/experience-transformation/2021/philips-future-health-index-2021-report-healthcare-leaders-look-beyond-the-crisis-global.pdf>
2. Coffey A. Int J Environ Res Public Health 2019;16(14):2457
3. Caplan GA. Med J Aust 2012;197(9):512-9
4. Federman AD. JAMA Intern Med 2018;178(8):1033-1040
5. Shepperd S. Cochrane Database Syst Rev 2016, Issue 9, Art. No.: CD007491

*Masimo W1 for use in medical applications is CE marked and is pending FDA clearance