

Opening the Door to Connected Healthcare

Interoperability opportunities prevail

U.S. hospital and health system leaders say their organizations have made progress toward achieving interoperability and connected care goals, but obstacles to integrating data from multiple EHR systems and managing unstructured data remain. That's according to recent HIMSS Market Insights healthcare leadership research.*

Here's what's on the minds of surveyed healthcare leaders:

Improving interoperability and the connected care experience

Top 4 obstacles

46%

Integrating data from multiple EHR systems

45%

Managing unstructured data/content

44%

Integrating new solutions with existing software solutions or legacy systems

41%

Clinician and staff resistance to adopting or integrating new solutions into existing workflows

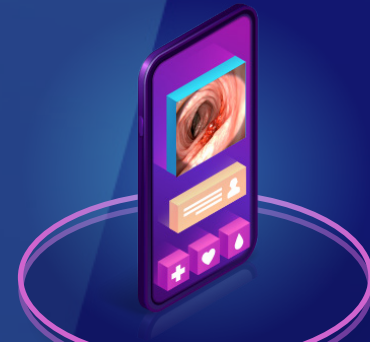
On average...



Just **37%** of organizations have unstructured documents and medical images available at point of care at least 50% of the time



Only **29%** of unstructured patient data is accessible and available for analysis outside of core healthcare information technology (HIT) applications



24% are still capturing unstructured data offline, outside of typical imaging centers — through smartphones, portable ultrasound/imaging devices and more

55% of providers still use fax and courier/postal mail to share images and clinical content up to 25% of the time

Versus the percentage using these digital sharing options up to 25% of the time...



46% Proprietary APIs (Application Program Interfaces)

37% HIE (Health Information Exchange Networks)**

37% HL7 messages

35% CDA (Clinical Document Architecture)

32% FHIR APIs (Fast Healthcare Interoperability Resources APIs)

29% XDS (Cross-Enterprise Document Sharing)

Most organizations use 1 to 2 methods to capture real-world evidence from unstructured data



51% manually curating data or scanning with optical character recognition to recognize text from a digital image



33% natural language processing



2% working with a vendor

Healthcare leaders are looking ahead to interoperability improvements

They continue to invest in solutions to address interoperability challenges

Currently using, piloting or planning

67% integrating point-of-care imaging/workflows

66% enforcing health IT interoperability standards across care settings

61% adopting an enterprise imaging strategy

59% utilizing cloud-native architecture for building new applications

58% adopting digital collaboration tools

They look to connected care to address these objectives

56% improve patient outcomes

41% meet regulatory compliance requirements

38% empower physicians and staff to make accurate decisions faster



54% optimize clinical workflows and performance

39% improve patient satisfaction

Plan to automate manual processes

51% plan to use or are investigating enterprise content management to integrate unstructured content



Consideration of low-code development platforms has grown

24% in 2021

33% in 2022

Of the **33%** of respondents considering low-code development platforms...

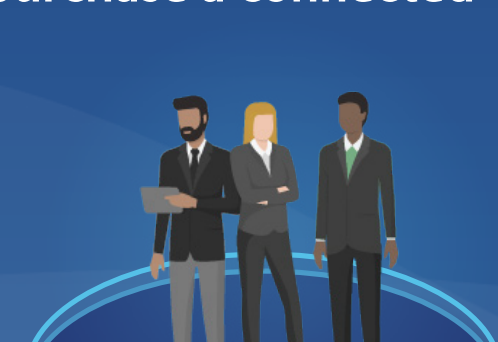


51% are considering AI/machine learning to improve interoperability

47% are business leaders not in an IT or clinical role

The big picture – understanding the value

3 in 4 respondents have decided to purchase a connected-care platform



Learn more about delivering fully connected care at [Hyland Healthcare](https://www.hylandhealthcare.com).



About Hyland

Hyland Healthcare provides connected healthcare solutions that harness unstructured content at all corners of the enterprise and link it to core clinical and business applications such as electronic medical records (EMR) and enterprise resource planning (ERP) systems. Hyland Healthcare offers a full suite of content services and enterprise imaging tools, bringing documents, medical images and other clinically rich data to the healthcare stakeholders that need it most. This comprehensive view of patient information accelerates business processes, streamlines clinical workflows and improves clinical decision making. [hylandhealthcare.com](https://www.hylandhealthcare.com)

*HIMSS Market Insights research report: 2022 State of Interoperability and Connected Care. This survey was conducted among 117 qualified respondents who work in IT, informatics, business and clinical roles at U.S. hospitals and health systems. Sixty-six percent (66%) of participating hospitals had greater than 500 beds. Thirty-four percent (34%) had 500 beds or less. Hyland was not identified as the survey sponsor.

**Based on large hospitals of 500+ beds using HIE 25% of the time on average versus smaller organizations using it 13% of the time.