

# CLINICAL DATA INTEGRATION SURVEY

Healthcare organizations rely on health information and integration across multiple sources to make the best decisions when caring for patients, reduce costs for hospitals, and increase provider efficiency. Integration ensures vital real-time clinical data is available in patient records at the time of service.

However, data integration is often hampered by complex workflows, dispersed IT systems, and heterogeneous data sets and standards. Accenture surveyed 105 IT executives from payer and provider organizations in Europe and the United States to **better understand motivations, obstacles and trends in clinical data integration.**

## ARTIFICIAL INTELLIGENCE (AI) & MACHINE LEARNING

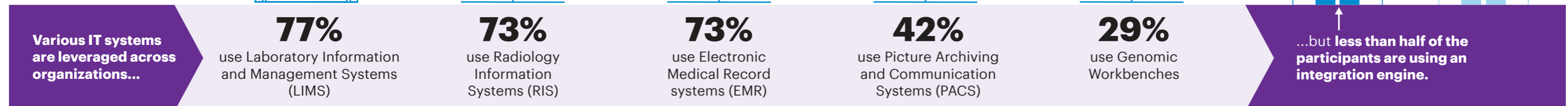
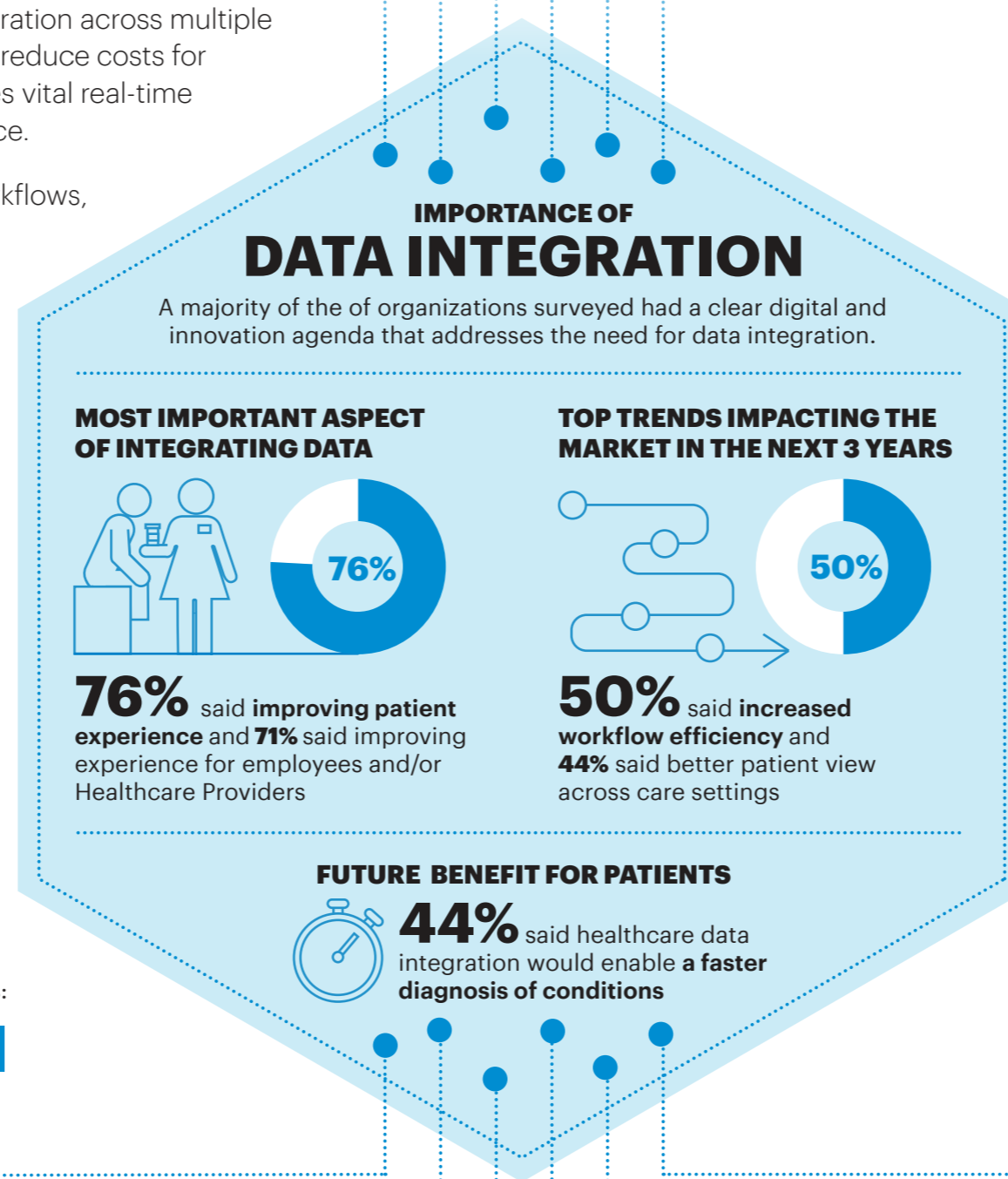
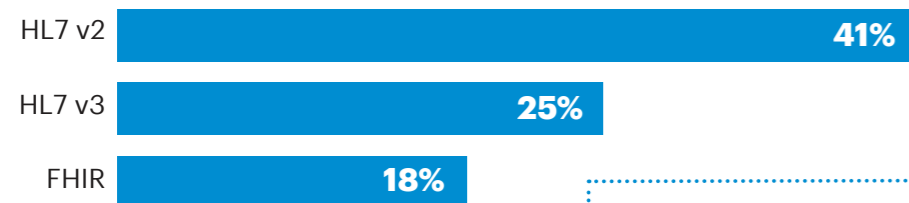


**8 of 10** healthcare data executives believe that Artificial Intelligence and Machine Learning can help realize value sooner through data integration.

**44%** say Artificial Intelligence and Machine Learning will play a main role in predicting the diagnosis of potential conditions for patients in the future.

## COMMON INTEGRATION STANDARDS AND IT SYSTEMS

Percentage of organizations using the following health data standards:



## CHALLENGES FOR CLINICAL DATA INTEGRATION

Challenges related to clinical data integration present obstacles when adopting innovative solutions, such as cloud-based applications. Top challenges include:



In addition, at least **21%** face internal resourcing challenges due to a lack of skills and **16%** due to lack of capacity

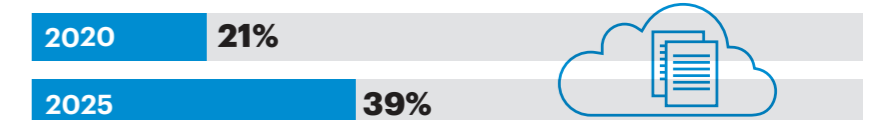
## OVERCOMING CHALLENGES



**Better security solutions (54%)** and **clear regulations and controls (47%)** help to alleviate potential concerns about sharing patient data with partners across the healthcare ecosystem.

## JOURNEY TO THE CLOUD

Respondents predicted the percentage of digital healthcare data that will reside in the cloud in coming years:



**1 of 3** of survey participants said that **cloud or technology companies** will be leading the field of data integration in 2019.