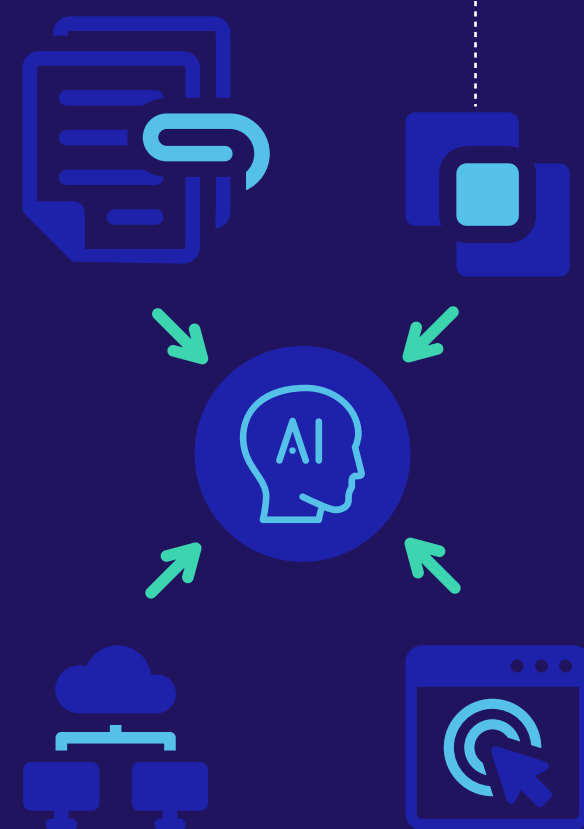


# From Interoperability to AI Readiness

Interoperability must now support analytics, AI, and real-time action

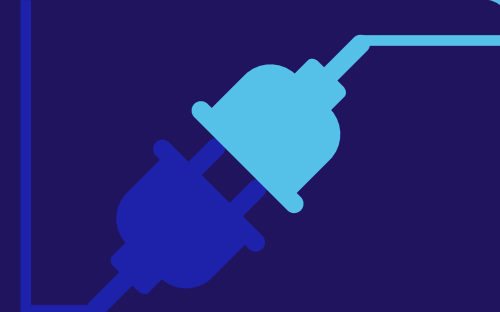
Healthcare organizations have made major strides connecting systems, but connectivity alone is no longer enough. Recent HIMSS Market Insights research shows leaders are now prioritizing trusted, standardized, AI-ready data that can be used across analytics, governance, cloud, and real-time workflows.



## HERE'S WHAT SURVEYED HEALTHCARE LEADERS REVEAL:

### 1 The majority of leaders agree that interoperability and data preparation and readiness are interconnected

But interoperability must expand to include data readiness



**86%** agree that interoperability and data preparation and readiness enable greater value from analytics and AI initiatives

**67%** say the problem today is data readiness—not the connection

**The cloud helps with data preparation challenges...**  
**64%** of healthcare leaders agree that cloud platforms enable better automation for data readiness  
**...but it is not enough to solve those challenges alone**  
 Nearly **75%** of healthcare leaders agree that data preparation challenges persist after moving data to the cloud

### 2 Most leaders believe interoperability solutions should handle these functions

**Data normalization and mapping to ensure data from different systems is consistent and comparable**

**Terminology and code standardization to align definitions and coding across systems**

**Analytics or AI-ready data delivery that can be immediately used for analytics, reporting, and AI models**

**Data quality checks and remediation to improve accuracy**

**Data transport to ensure data arrives intact**

**Data enrichment that includes additional context**

**Organizations report a data readiness gap for analytics and AI**

**2 in 3** healthcare leaders are satisfied with data readiness for analytics **vs.** Just **47%** are satisfied with their data readiness for AI/ML applications

**Buyers want interoperability to do more**  
**77%** of leaders say real-time or near real-time data flows are essential to the next phase of analytics and AI

### 3 Leaders see high value in data readiness and interoperability capabilities

Respondents' top expectations for interoperability solutions:

**80%** value reduced manual data engineering

**79%** value AI/analytics-ready data outputs

**78%** value automated data standardization

**77%** value automated data cleaning

## Opportunities prevail

Healthcare organizations have an opportunity to advance AI readiness by moving interoperability beyond data exchange. AI depends on reliable, repeatable ways of preparing data, while modernization works best when interoperability, cloud, and governance work together to deliver trusted, usable data. Less manual data work is needed to improve speed and consistency.



Learn how InterSystems helps healthcare organizations turn fragmented data into trusted, standardized analytics and AI-ready assets. Visit [InterSystems.com](https://www.intersystems.com).



#### About InterSystems

InterSystems, a creative data technology provider, delivers a unified foundation for next-generation applications. Our expertise in health data interoperability, identity management, and clinical workflow integration gives us a deep understanding of what it takes to connect diverse organizations and foster collaboration. For 48+ years, InterSystems has delivered the healthcare data platform for the world's most proven electronic medical record systems used by health systems and governments.

\*HIMSS Market Insights. February 2026. *Data Integration in Healthcare* [research report]. This research was conducted among 100 executives, IT/technology leaders, data analytics and reporting leaders (managers and above) in healthcare in the United States. InterSystems was not identified as the research sponsor.