datuum

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case study

Interoperability Simplified: How to Map Your Data to FHIR at a Fraction of the Cost

FHIR (Fast Healthcare Interoperability Resources) offers a powerful solution for achieving data interoperability and standardized exchange in healthcare. By embracing FHIR, healthcare professionals gain unparalleled access to comprehensive patient medical histories across multiple clinics and hospitals, empowering them to make well-informed decisions. Additionally, FHIR simplifies the integration of medical devices from various manufacturers, streamlining data exchange for improved efficiency and cost savings.

While FHIR presents exciting opportunities, it's important to acknowledge the challenges associated with its adoption. Integrating existing data exchange interfaces with FHIR can be a complex task. However, our expertise and experience can help navigate these challenges, ensuring a smooth transition to FHIR.

Bridging the Gap: Converting EHR Extracts to FHIR

As healthcare providers continue to grapple with outdated batch data exchange methods reliant on flat files, the need for efficient and real-time integrations becomes evident. While some interfaces offer support for FHIR messages, the burden often falls on IT/Data Integration teams to construct data pipelines and convert EHR data extracts into FHIR resources. This manual and time-consuming process not only proves difficult to maintain but also incurs significant costs.

up to

90%

less time on data integration

→ Picking the Right Solution

Their quest involved seeking a solution that could save them time and money while remaining non-disruptive to their existing infrastructure. It also had to be flexible enough to support multiple data ontologies.

That's when they discovered Datuum.ai, the ultimate sidekick for this job. Datuum's AI engine analyzes all inbound data, automatically creates a mapping between the source data and FHIR ontology, and generates FHIR resources.

Moreover, the entire process is conducted through a no-code interface, eliminating the need for developers to spend time on data mapping and integration tasks. Positioned at the beginning of the data journey, Datuum seamlessly integrates into existing data infrastructure. Notably, one of the key benefits of Datuum is its transparency, enabling data analysts to understand the transformation process and troubleshoot any issues that may arise.

Unlocking the Potential of Interoperability

By harnessing the power of Datuum's no-code tool, the company successfully overcame the challenges associated with adopting FHIR. This not only enabled them to establish smooth data exchange capabilities but also expedited the onboarding process for their customers. As a result, the company experienced significant time and cost savings while demonstrating its commitment to ensuring customer satisfaction.

up to

80%

less average monthly cost