Argano and Oracle Cloud Infrastructure for Healthcare
Unifying data for improved patient outcomes

Healthcare providers need fast and reliable access to a wide range of data related to patient care, physician productivity, cost drivers, capacity planning, finance, HR, facilities, regulations, and research. The challenge lies in transforming this data into actionable insights to enhance patient outcomes, improve population health, and ensure the availability of improved and safe health products.

Oracle Cloud Infrastructure (OCI) delivers the performance, scalability, security, and reliability needed to run applications efficiently. OCI for Healthcare enables providers to seamlessly connect and manage data from Electronic Health Record (EHR) systems and other business applications. Argano has developed a comprehensive suite of accelerators on Oracle Cloud Infrastructure to maximize the value of this data.

Argano OCI accelerators help healthcare providers improve:

- Acquisition, interpretation, and utilization of disparate structured and unstructured data sources

- Extraction, validation, refinement, and auto-classification of common healthcare data attributes (with full, partial, or exception-based human-in-the-loop)

- Global search across structured data, documents, utilizing relationships and data dependencies

- Refined data mapping into common health data model

Find out how we can help you leverage OCI to transform your business processes and improve patient outcomes. Contact us to get started!

Select provider use cases for Argano Accelerators on OCI:

- Patient referrals and eFax automation

- Total cost of care, provider and payer profitability analytics

- Global search across patient, encounter, and claim data

- Implants billing and revenue cycle automation

Trusted expertise from Argano:

- Industry experience and best practices

- 25+ years of Oracle partnership

- 55+ awards for excellence

Healthcare Processing Pattern in OCI

All Argano and Oracle Cloud Infrastructure solutions for healthcare follow the same data processing pattern. For example, below are processing steps for the Patient Referrals and eFax automation use case:

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1. Bring in patient referral packets (eFax, images)

- Structured data (EMR, revenue cycle, enterprise resource planning, supply chain management, human capital management) intake

- Unstructured data (eFax, scans, document images, operative reports, etc.) intake

2. Ingest referral data into cloud

- Data imported through Oracle Integration Cloud (OIC)

- Use of HL7/FHIR and EDI adapters

3. Extract data, check completeness, prepare summary

- Extraction of text and key identifiers using Document Understanding service

- Text is analyzed for completeness, case summary, identification of gaps in source data, linked to existing documents and records

- Routing of incomplete transactions and workflows for data refinement with healthcare AI models, enrichment / review / approval

4. Refine and attach patient referral as outside record

- Automated processing – complete, reviewed referral packets added to EMR as outside record through HL7-enabled integration point

- Healthcare data aggregated in Oracle Analytics

About Argano

Argano is the world's largest global digital consultancy exclusively connecting design and delivery for the transformation of high-performance business operations, extending our clients' commercial agility, profitability, customer experience, and growth.