# SMART on FHIR Based Data & AI Accelerator
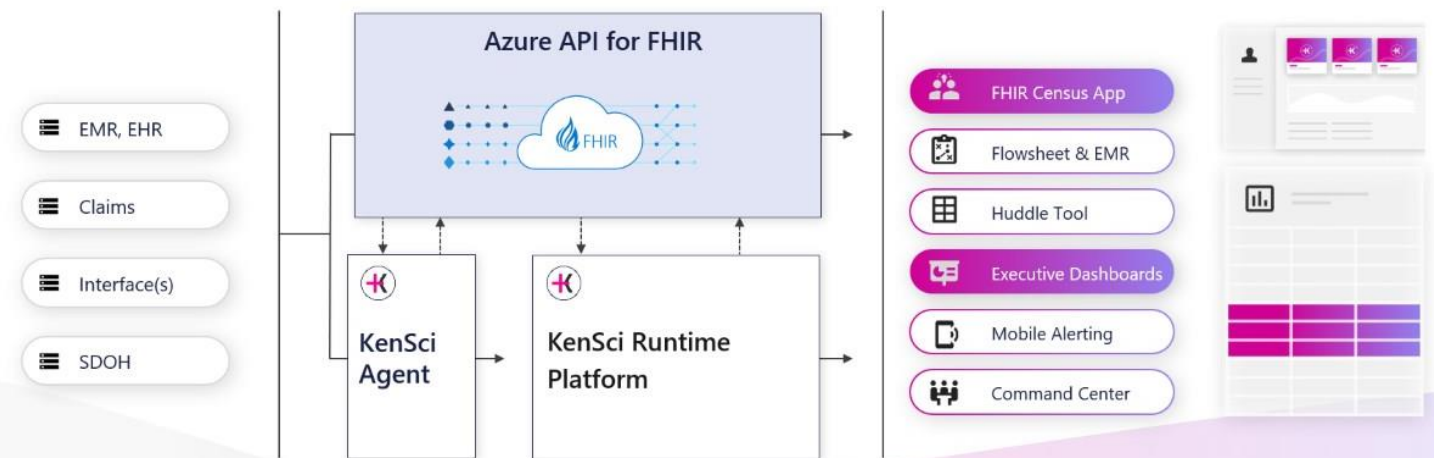
**Accelerate movement of EMR and Claims data onto Azure and in FHIR format for AI workloads**

One of the key challenges that healthcare providers and payers face in launching AI initiatives is having to rapidly prepare and ingest data from hundreds of data sources. Ensuring the datasets can be used in feature engineering for ML models requires complex transformations that are time consuming to create.

Successful health organizations know the importance bringing together different skills to solve problems. Partnering for deep AI expertise in healthcare data management allows health organizations to move faster and deliver new health solutions at scale.

Leverage KenSci's new managed service offering to simplify and accelerate movement of your data onto Azure in FHIR format, and provision system-wide analytics that delivers a comprehensive view of your health system.

- Set up standardized infrastructure architecture for data and AI workloads within your Azure Infrastructure.
- Simplify first mile challenges of on-boarding health care data to Azure using FHIR
- Open-up locked-in data through FHIR, for AI and analytics
- Surface system-wide executive views covering key organizational KPIs



The SMART on FHIR Based Data & AI Accelerator offer includes 5 key stages to accelerate your FHIR based Data infrastructure and provision an on-going data stream for AI:

| REFERENCE ARCHITECTURE | DATA ONBOARDED ON AZURE | REAL-TIME SYSTEM-WIDE COMMAND CENTER | SMART ON FHIR APP | FHIR DEV WORKSHOP |
|---|---|---|---|---|
| Standardized infrastructure for enterprise Data and Cloud workloads with FHIR service | Seamless data onboarding and ingestion pipeline from HLS data sources like EMR, Claims, HL7 and IOMT to FHIR service | Unique systemwide KPI views for identifying variations and outliers to assist in planning | First vision demonstration for real time app, based on FHIR data | Hands-on workshops to onboard developers and analysts to enable your team to build dashboards and models |
| **1** | **2** | **3** | **4** | **5** |

**Get started:** Getting started with the Service is easy and is done through the **Azure Marketplace**