

From FHIR to Data at Scale

A Unified Data Architecture for Living Evidence Generation

Edenlab

Edenlab's Expertise

-  Software development & IT consulting
-  Deep expertise in standardization (HL7 FHIR), terminology & data quality
-  Proven across national eHealth systems and multi-facility networks.

Trusted by: Providers Payers Health IT vendors Life sciences companies

Let's discuss
your data and AI
transformation



Why just 'FHIR → OMOP'?

- The real bottleneck is not OMOP itself, but getting high-quality, standardized, and governed data into OMOP.
- Build the right FHIR foundation so OMOP becomes a natural downstream product.

FHIR First, OMOP Ready

- 01 FHIR as the operational & integration backbone
- 02 Terminology & data quality governance
- 03 OMOP CDM as a repeatable downstream product
- 04 Analytics & ML to turn data into value and support better decisions.

Fragmented Data Sources

-  EHR
-  Claims
-  Labs
-  Imaging
-  Outpatient tools



Structured FHIR-Based Foundation

- APIs & integration
- Profiles
- Terminology
- Data quality
- Governance



OMOP-Ready Data

- Visits
- Conditions
- Cost



Analytics & Evidence Generation

- Analytics
- Research
- Living evidence

FHIR First, OMOP Ready – with the right FHIR foundation, OMOP becomes a natural extension rather than a separate silo.

Our Proven Experience

01 eHealth: National Healthcare System

- Nationwide platform supporting 36,5M+ users
- Handles ~1,000 requests per second
- 75M+ digital prescriptions issued.

02 Heals.Asia: Payer Platform

- Digital payer-provider ecosystem spanning ~3,000 clinics
- More efficient claims and eligibility workflows at scale
- OMOP-ready foundation for analytics.

03 Zoadigm: FHIR-Native Analytics Platform

- \$750K+ additional revenue (single trial)
- 9× higher patient match rate
- Time-to-data access: weeks → hours.