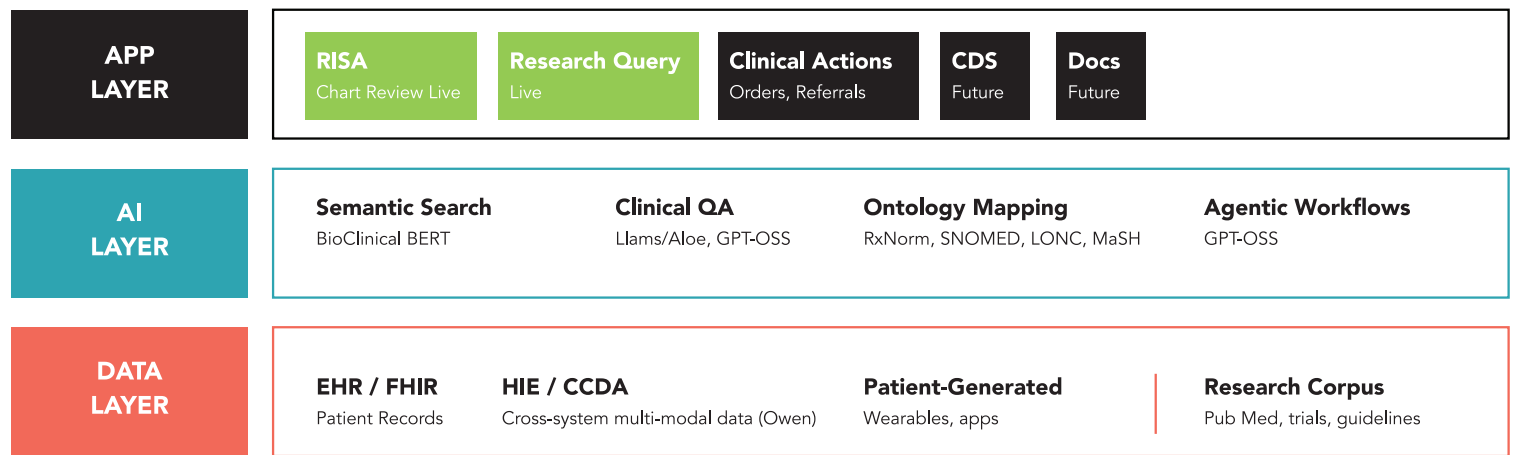


Transforming Fragmented Clinical Data into AI-Ready Intelligence — for Any Healthcare Application, Platform, or Workflow

Healthcare AI is only as good as the data beneath it. RISA is the semantic intelligence layer that sits between raw clinical data and AI applications — retrieving, investigating, synthesizing, and acting on patient information so your algorithms and workflows don't have to.

A Platform That Unifies Data and Knowledge to Power Action

ThetaRho's secure semantic intelligence layer connects patient data with medical reasearch



How RISA works

Three integrated layers: the Data Layer ingests EHR/FHIR, HIE/CCDA, patient-generated, and research corpus data; the AI Layer applies Semantic Search, Clinical QA, Ontology Mapping, and Agentic Workflows; the App Layer delivers live clinical applications and future CDS tools — all HIPAA-compliant and AICPA SOC certified.

RISA Layer	What RISA Does	Data Sources	Interface Type	Examples of Solutions You Can Build
AI Layer	Applies Semantic Search, Clinical QA, Ontology Mapping, and Agentic Workflows on top of unified data — normalizing terminology, extracting clinical signals, and delivering enriched AI-ready outputs to any downstream application or workflow.	Clinical notes & unstructured text Multi-modal longitudinal profiles RxNorm, SNOMED, LOINC, MeSH Research corpora & guidelines Wearables & app signals	Natural Language Interface Clinical QA API MCP (agentic tool calls) REST API / JSON outputs SMART on FHIR write-back	Risk stratification engines AI / ML training datasets Clinical trial matching Agentic prior auth & billing Autonomous care coordination
Data Layer	Ingests, reconciles, and deduplicates patient records from all connected EHR, HIE, and interoperability network sources — producing a unified, longitudinal patient dataset ready for AI processing.	EHR / FHIR patient records HIE / CCDA cross-system data CommonWell / Carequality Lab results & flowsheets Patient-generated data	FHIR R4 REST API HL7 v2 / v3 feeds CommonWell / TEFCA LKOpera API endpoint Webhook ingestion	Patient 360 dashboards Care gap identification Prior auth automation Data lake / warehouse feeds Real-world evidence datasets

Who We Serve

Health Systems & Hospitals	Digital Health Vendors	Data & Interoperability Partner	Research & Life Sciences
Reduce physician cognitive overload and administrative burden with AI-powered chart prep and CDS	Accelerate product development with AI-ready datasets — eliminate weeks of custom data engineering	Layer RISA's enrichment engine on top of existing data pipes to deliver higher-value data products	Build AI training datasets, clinical trial matching tools, and real-world evidence platforms at scale

Headline Needed

EHR-Native	HIPAA + SOC	750+ EHR Systems	Proven ROI	\$1.15 Raised
Live on athenahealth marketplace, FHIR-first	Privacy-first; no PHI leaves the environment	Compatible via ELLKAY interoperability network	Physicians recover hours weekly; more patient visits	Focused, capital-efficient team scaling fast

Interested in a partnership or pilot? Reach out at partnerships@thetarho.com or visit www.thetarho.com