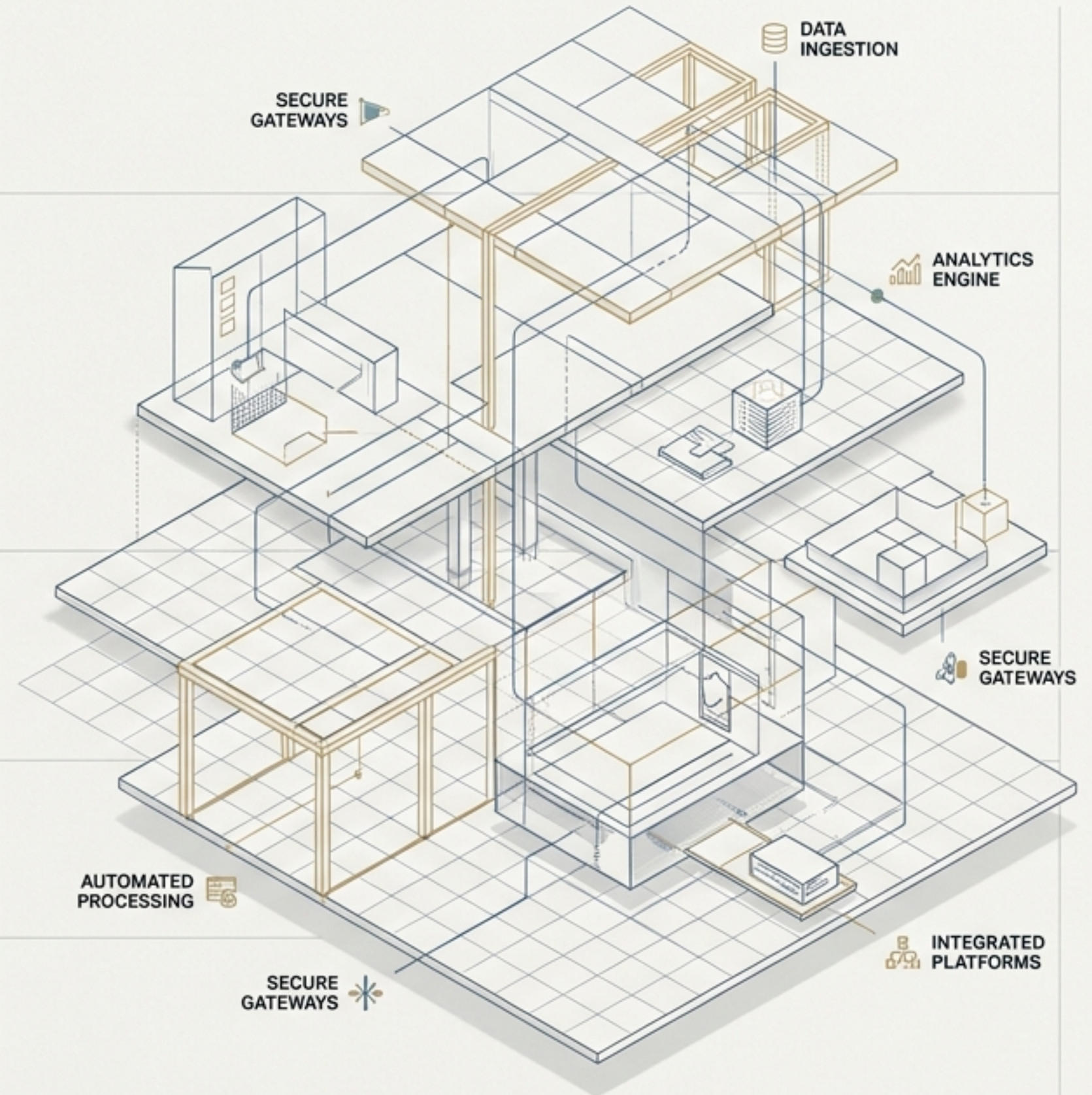


Intelligent Health Management Dashboard (UC37)

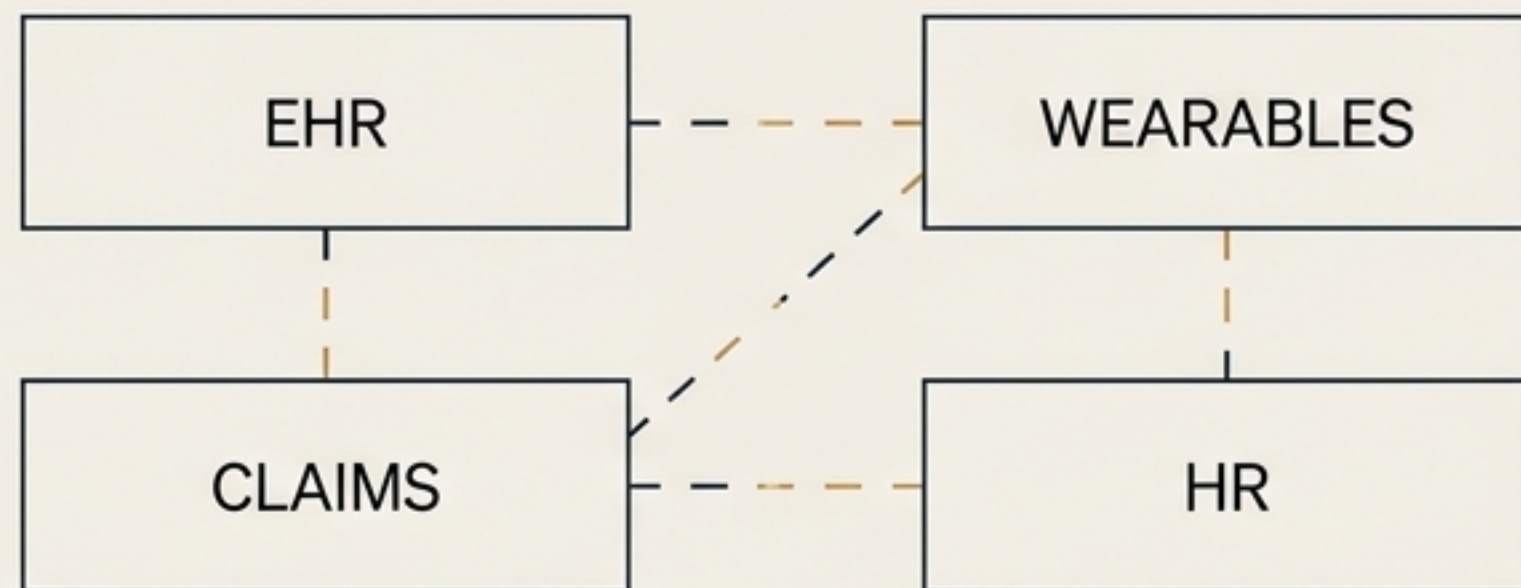
Population Health Analytics Platform

2024–2026 Strategic Implementation & Architecture

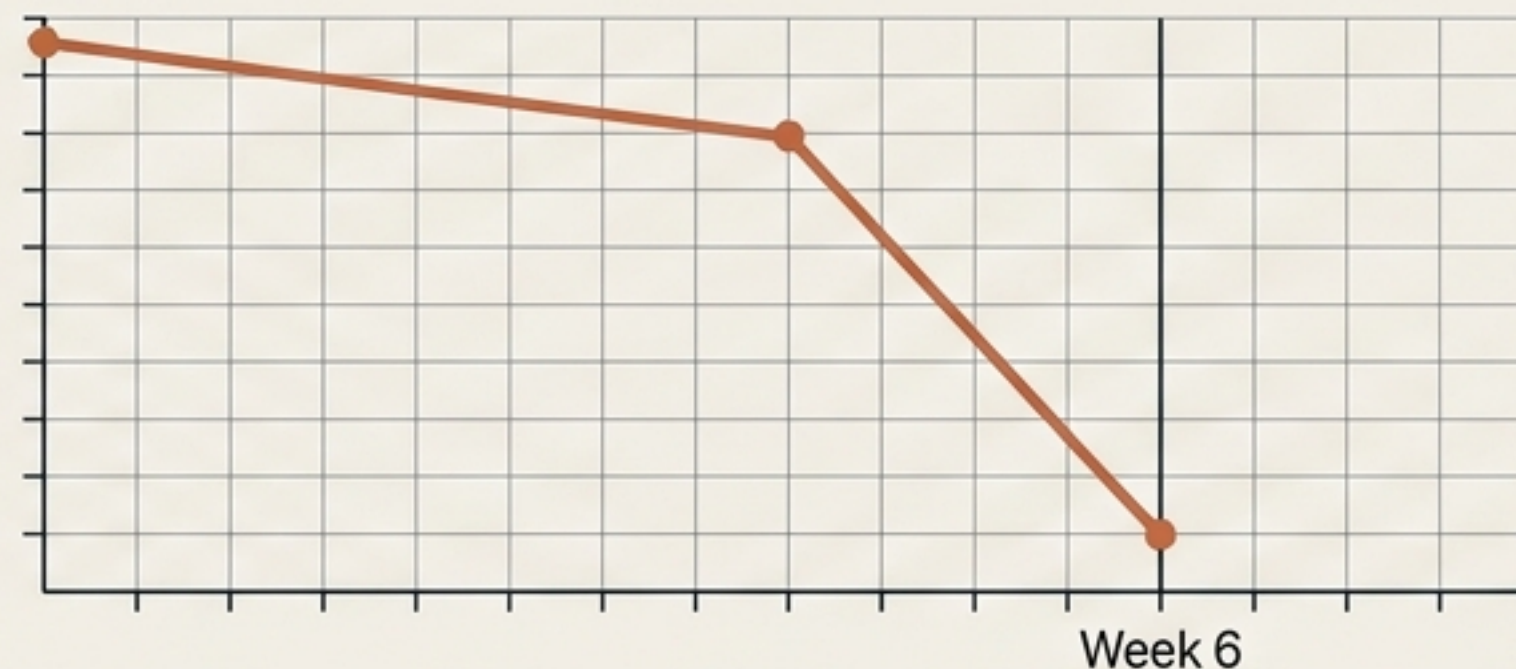


The Broken Wellness Paradigm

Scattered Silos



The Disengagement Drop-Off



60% Disengagement

Members drop out by Week 6 with no actionable data on why.

Trapped Data

Insights are locked across 6+ disconnected systems, preventing population-level visibility.

Invisible Barriers

Social Determinants of Health (SDOH) remain unaddressed, perpetuating disparities.

Zero ROI Proof

Millions invested with only lagging indicators and no proof of financial return.

Executive Vision: The UC37 Platform

A 10-tab, AI-powered population health engine that integrates longitudinal data, predicts risk, personalizes interventions, and proves financial ROI.

Population Reach

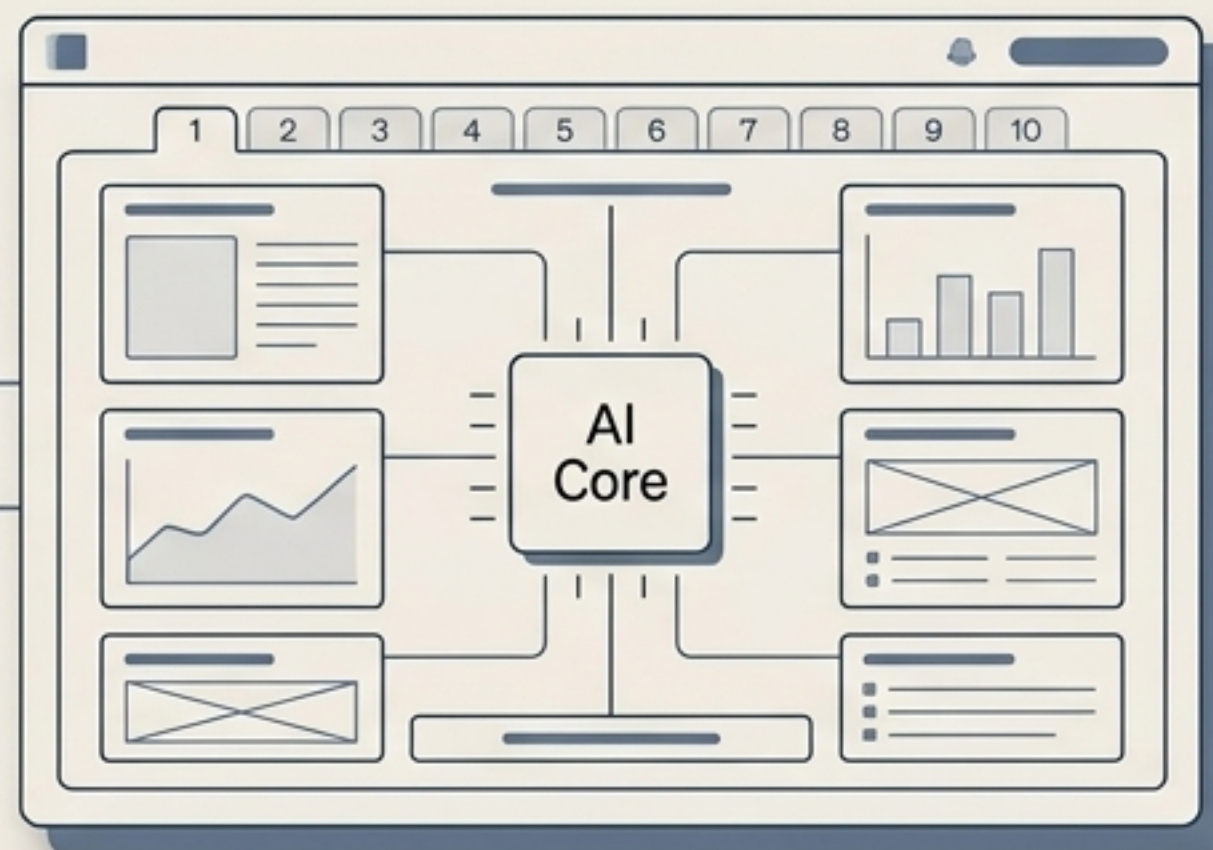
+86%

Scaling from 4,200 to 7,800 enrolled.

Clinical Impact

-25%

High-Risk Population Reduction.



Financial Impact

>320%

Program ROI
4-month payback period.

Engagement

>75%

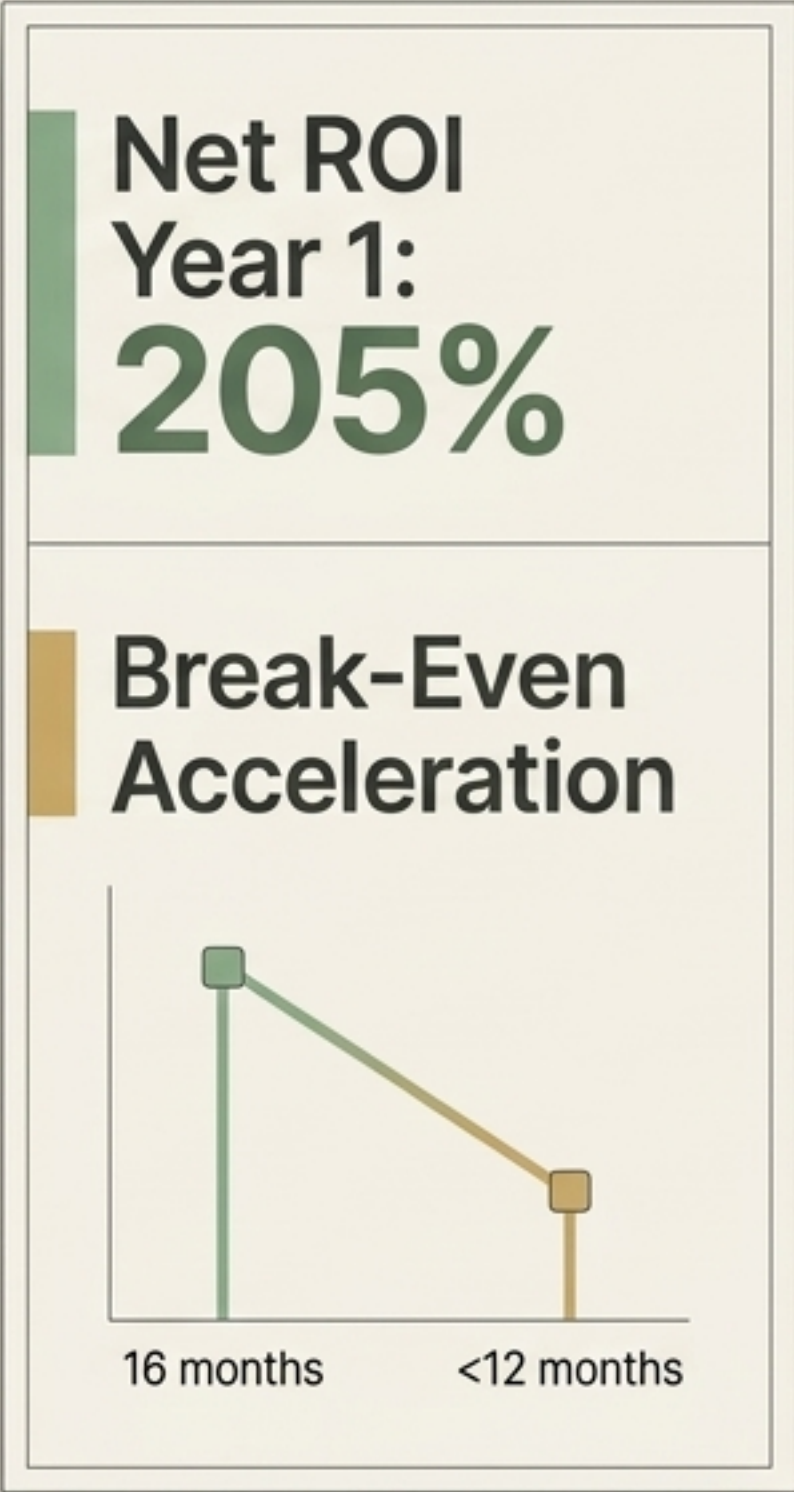
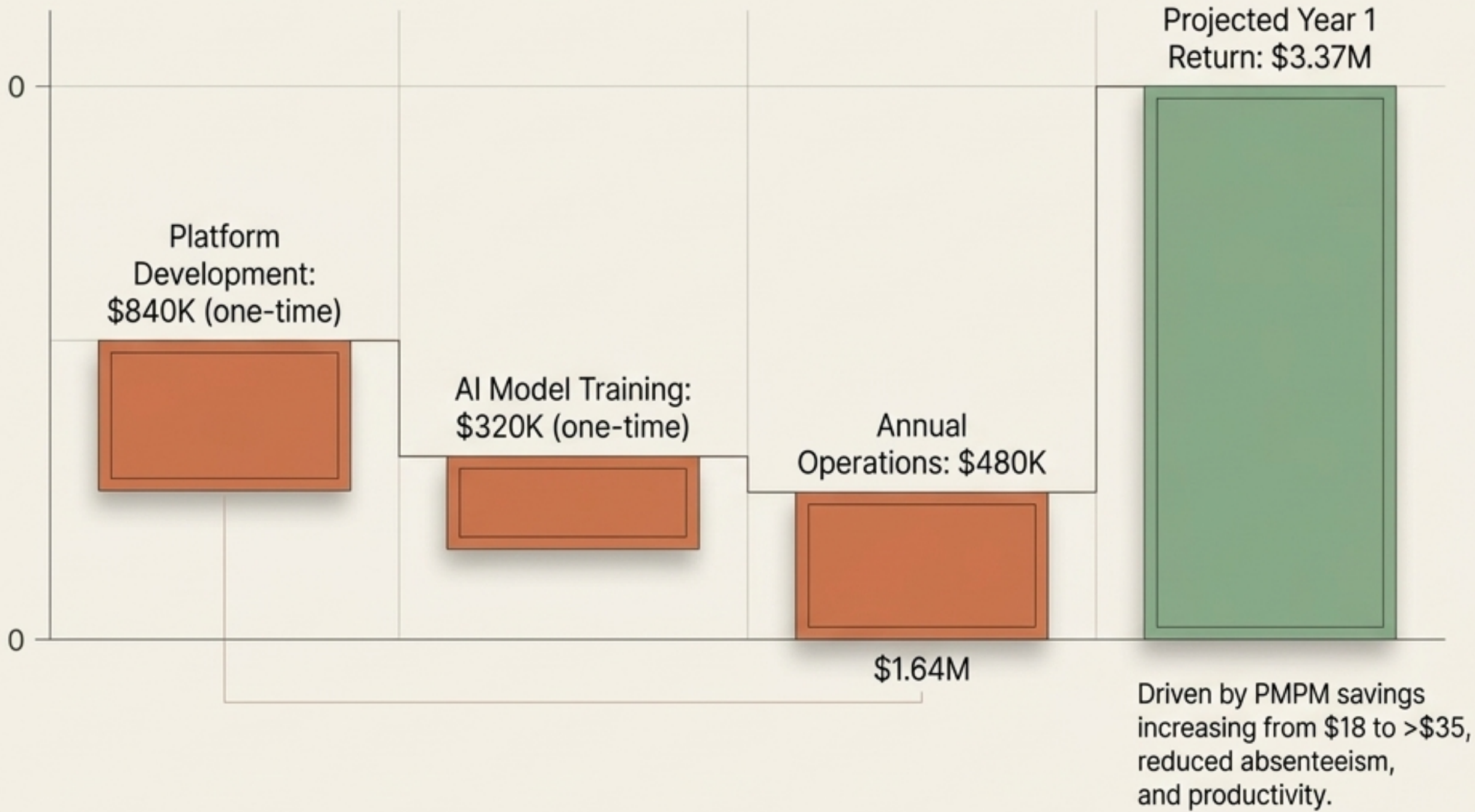
Re-engagement of disengaged members (up from 45%).

The Paradigm Shift

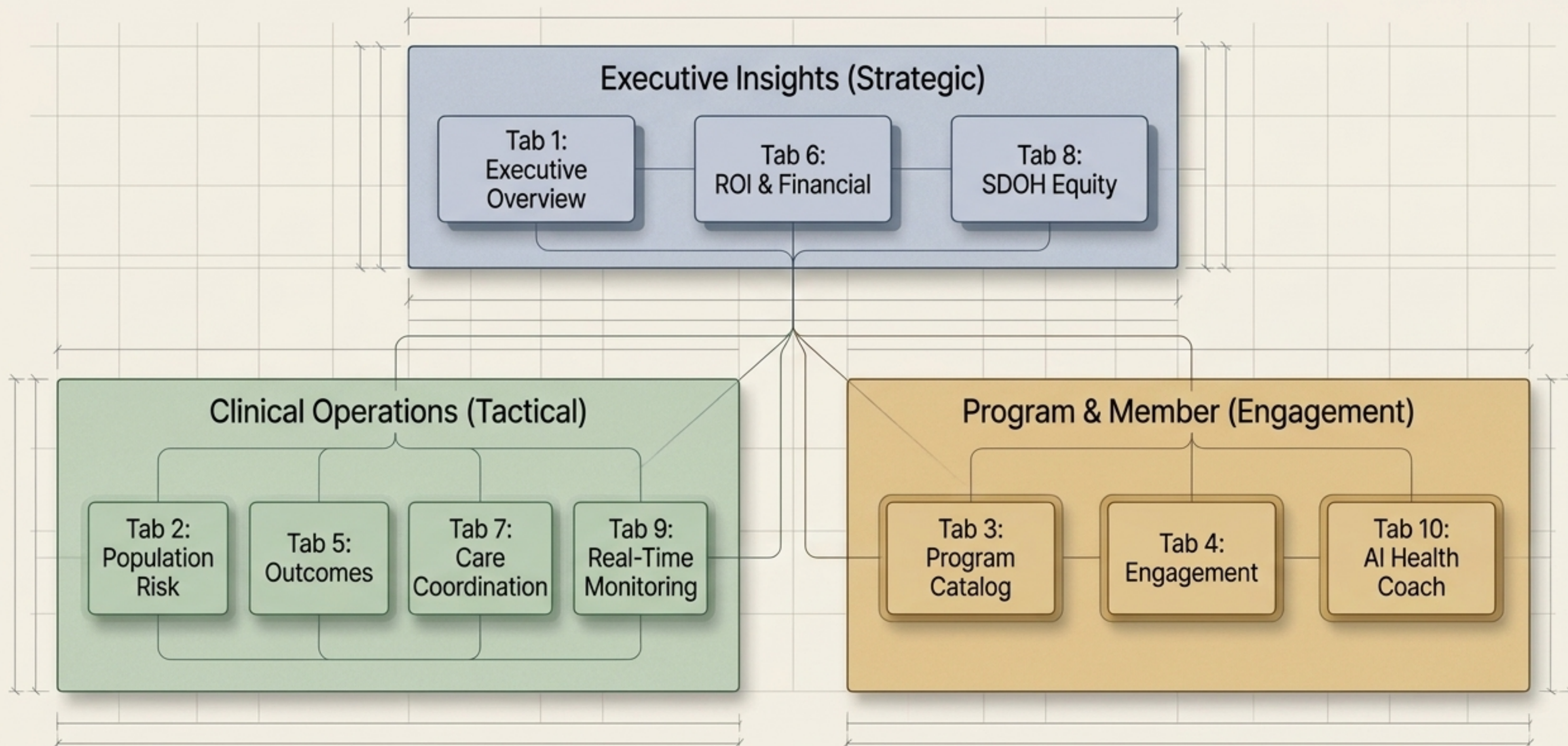
Traditional Wellness Platform	
Data Integration	2–3 sources (HRA + claims)
Risk Identification	Reactive (annual HRA)
Intervention	One-size-fits-all programs
Disengagement	Manual outreach post-dropout
Real-Time Monitoring	None available
ROI Proof	Lagging estimates

UC37 Intelligent Dashboard	
Data Integration	8+ sources including wearables & SDOH
Risk Identification	Predictive 12-month metabolic syndrome forecast (AUC 0.87)
Intervention	AI-personalized, barrier-aware
Disengagement	AI early detection at week 3-4 (34% better retention)
Real-Time Monitoring	Live wearable anomaly detection (<10-min response)
ROI Proof	Quarterly waterfall break-even tracking

Financial Justification & ROI Model



System Architecture: The 10-Tab Control Room

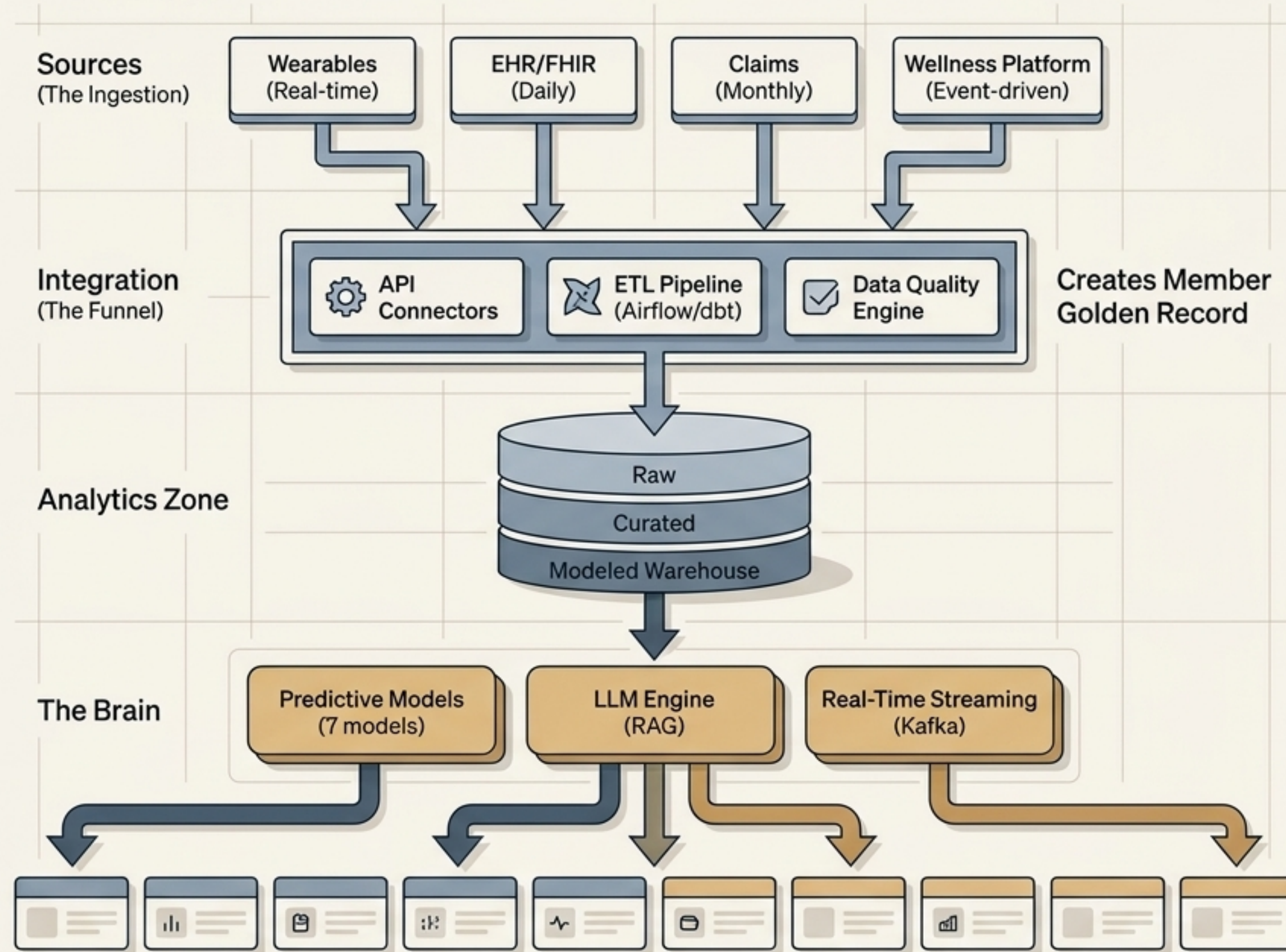


Stakeholder Matrix: Precision Access & Privacy

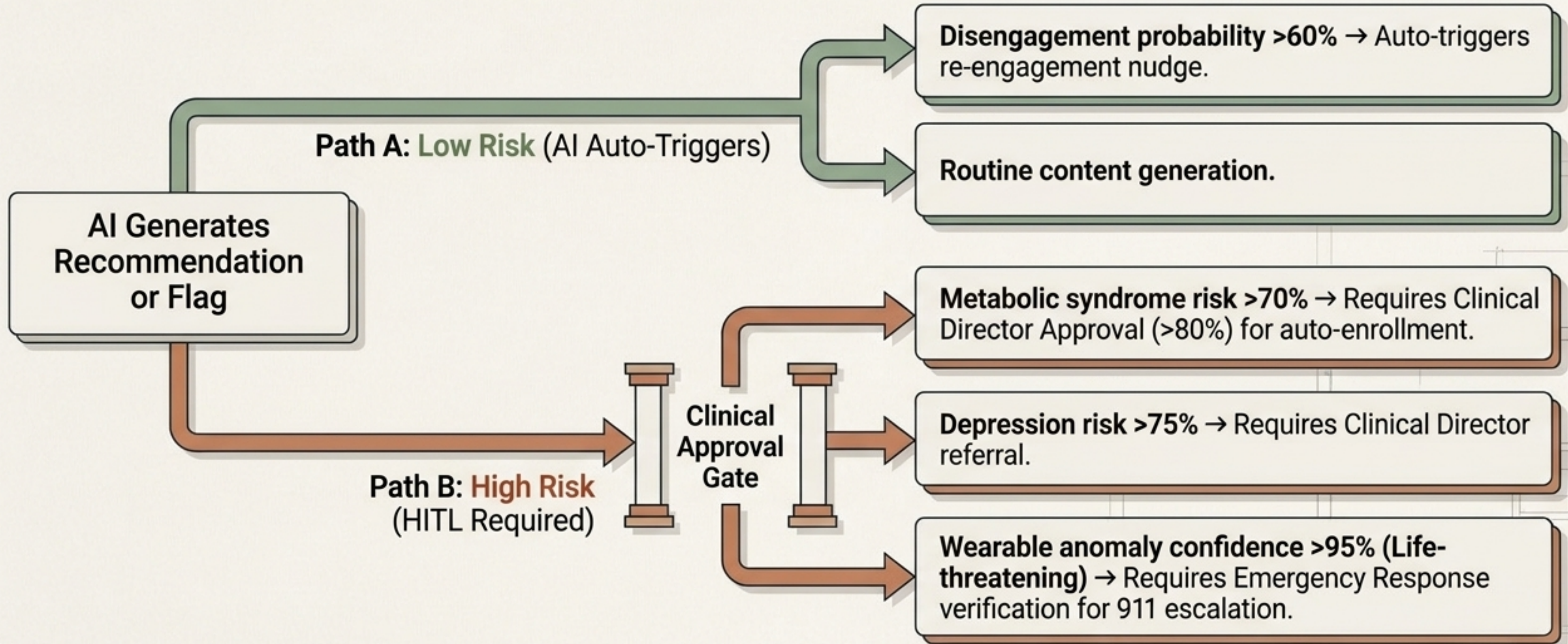
Persona	Primary Goal	Key Dashboard Tabs	Data Access Level
CFO & CBO	Justify investment & reduce costs	Tabs 1, 6, 8	● Aggregate Only (No PHI)
Clinical / Medical Director	Improve population outcomes	Tabs 2, 5, 7, 9	● Full PHI + AI Approval
Health Equity Officer	Eliminate health disparities	Tabs 2, 5, 8	● Demographic Aggregate
Care Navigator & Emergency	Triage & prioritize outreach	Tabs 4, 7, 9, 10	● Caseload PHI / Real-Time
Member / Employee	Personal health guidance	Tabs 3, 9, 10	● Own Data Only

Strictly governed by role and intent to eliminate ADA/GINA liability.

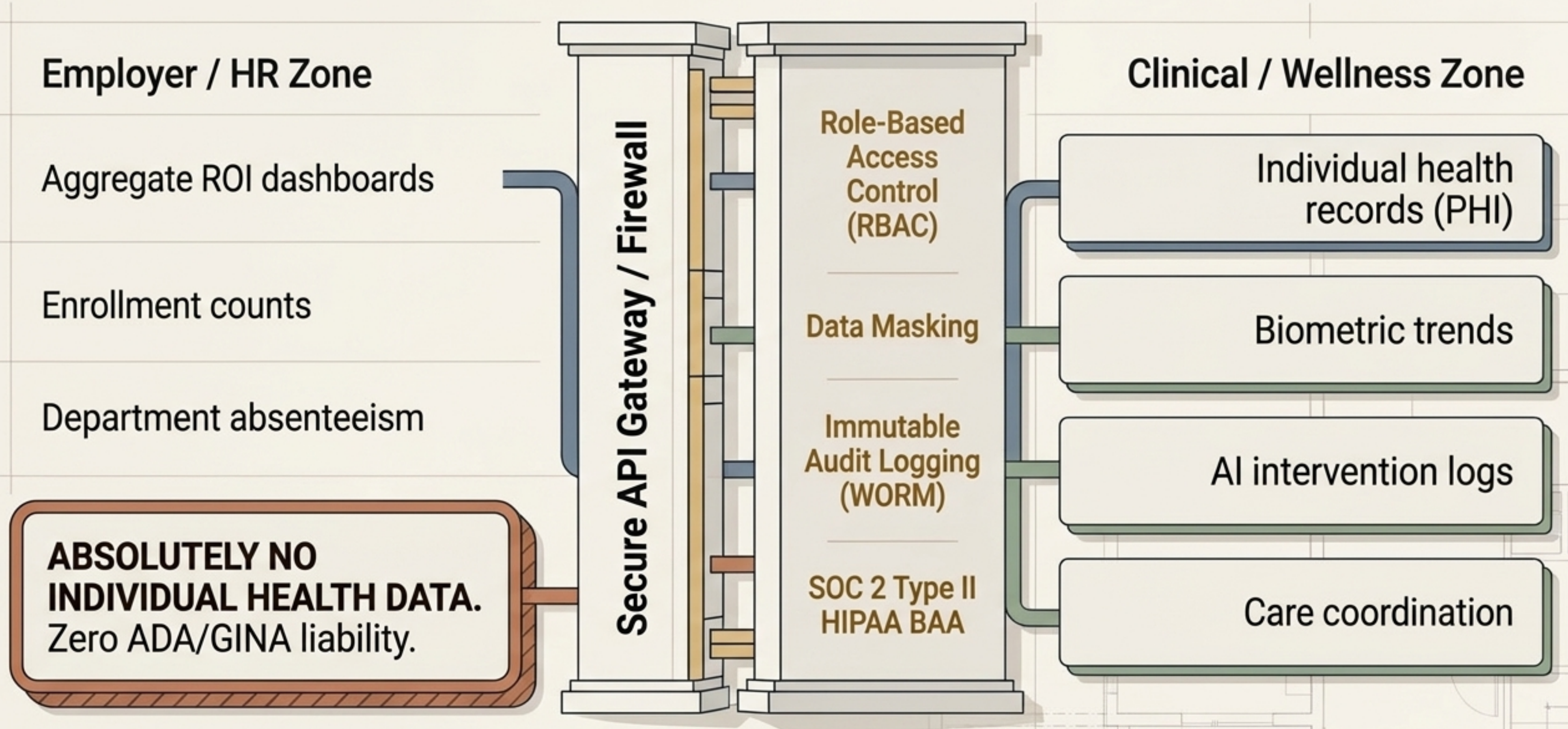
The Data Integration Engine



Explainable AI & Human-in-the-Loop (HITL) Governance



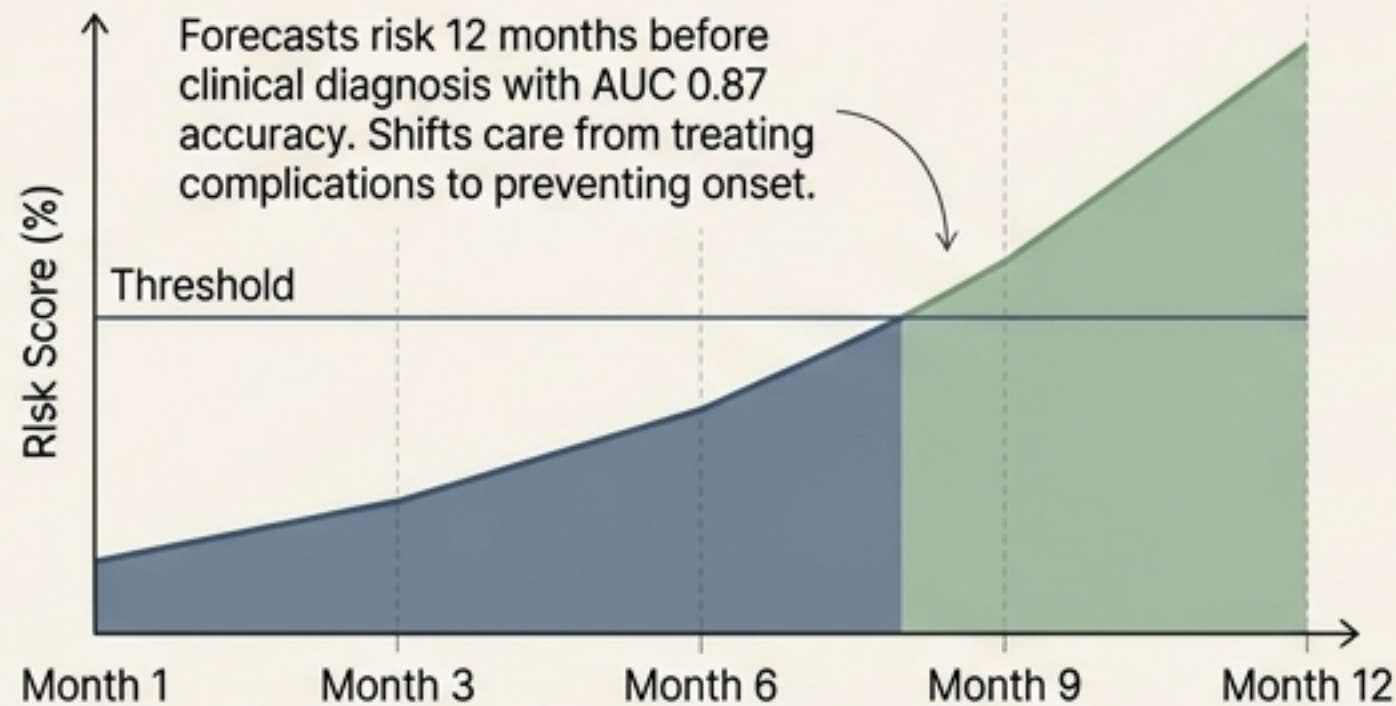
The Privacy Firewall



Clinical Power: Predictive Risk & Real-Time Monitoring

Predictive (Macro)

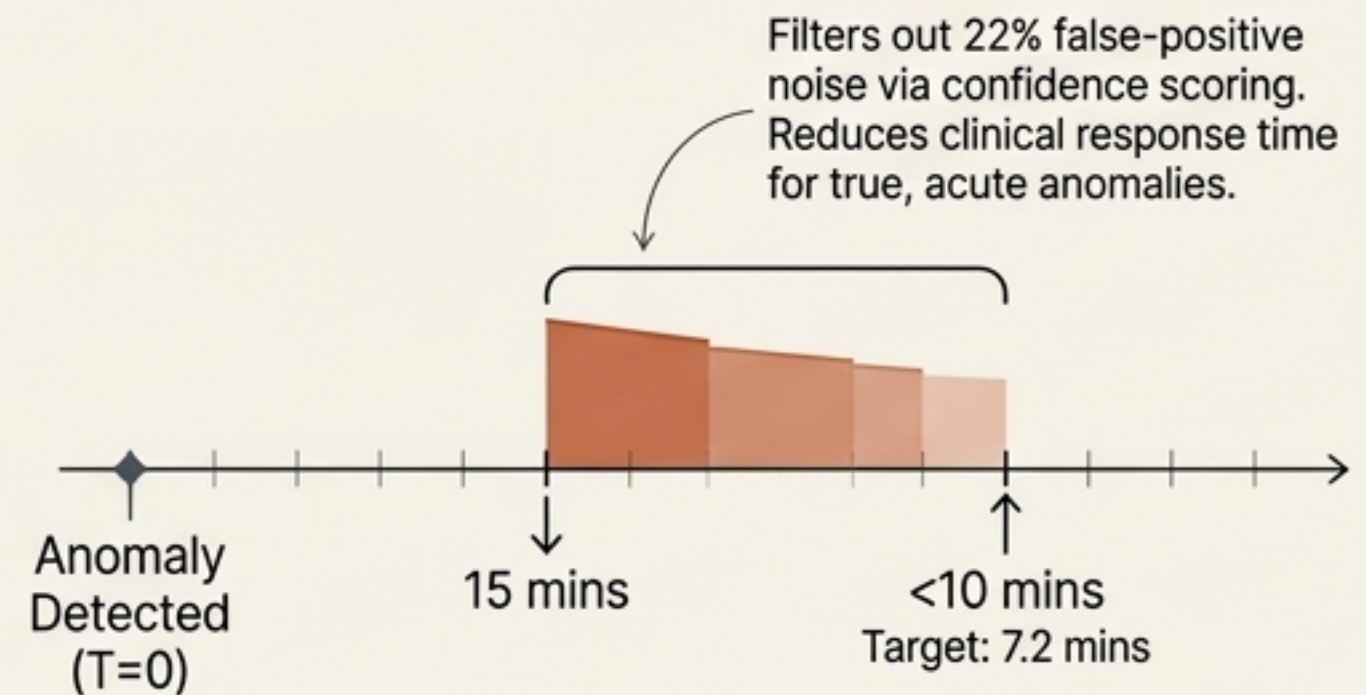
Metabolic Syndrome Predictor (Tab 2)



Utilizes historical data and multi-variable modeling to identify long-term health risks, enabling proactive intervention plans.

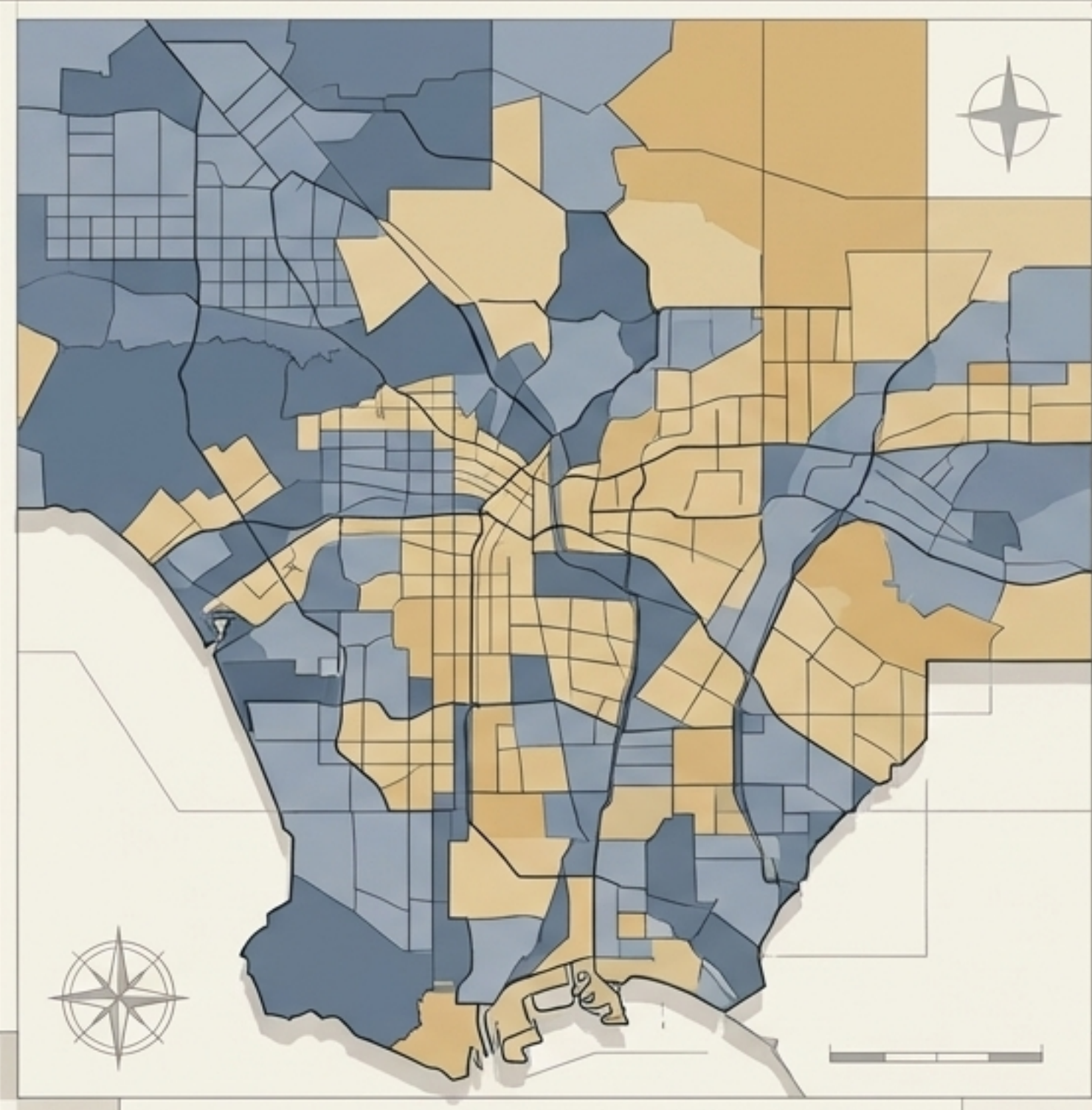
Reactive (Micro)

Live Wearable Anomaly Detection (Tab 9)



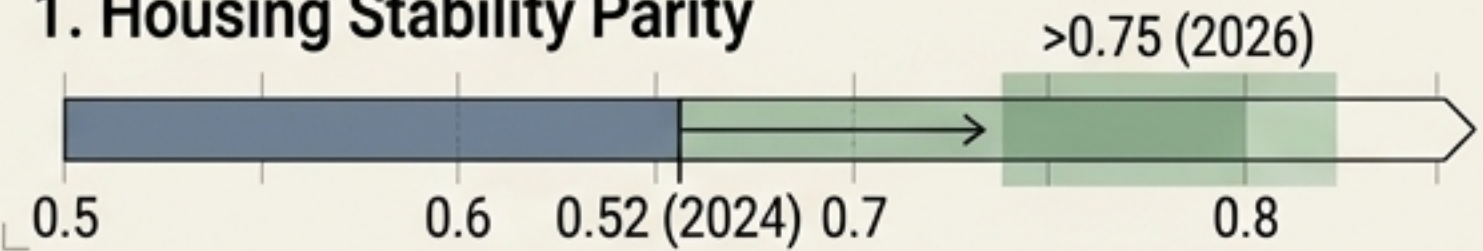
Real-time analysis of wearable data to flag acute events, ensuring rapid clinical response for life-threatening situations.

SDOH & Health Equity Tracking

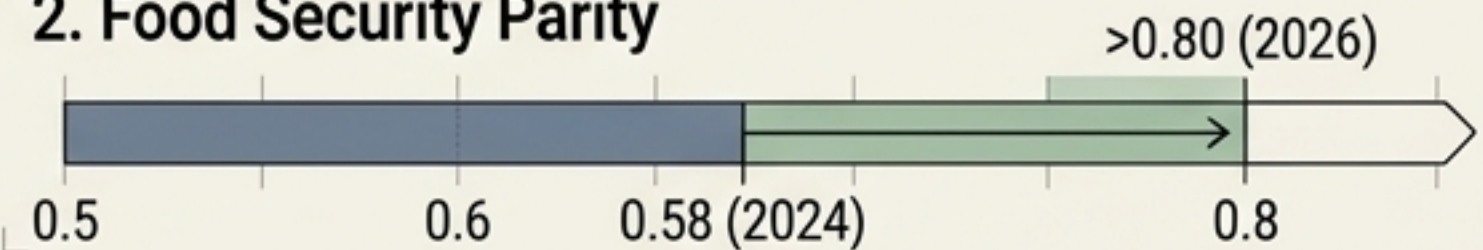


Core Objective: Raise overall SDOH Equity Score from 0.62 (2024) to **>0.85 (2026)**.

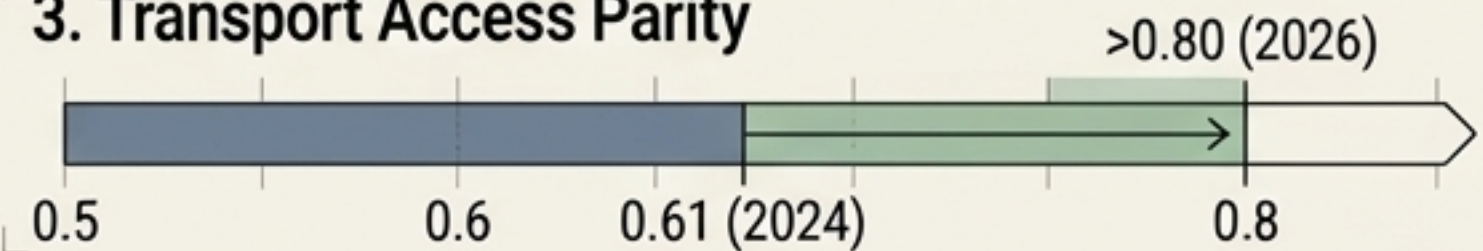
1. Housing Stability Parity



2. Food Security Parity

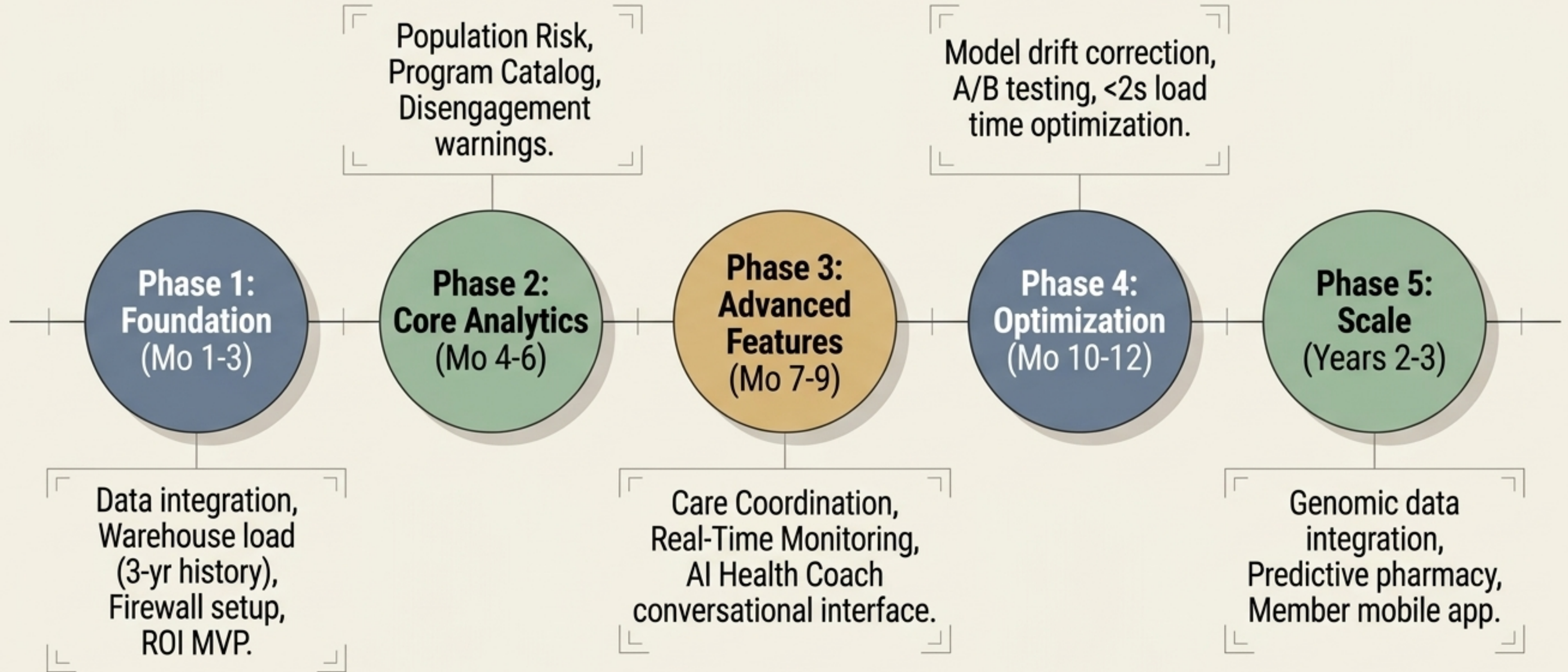


3. Transport Access Parity

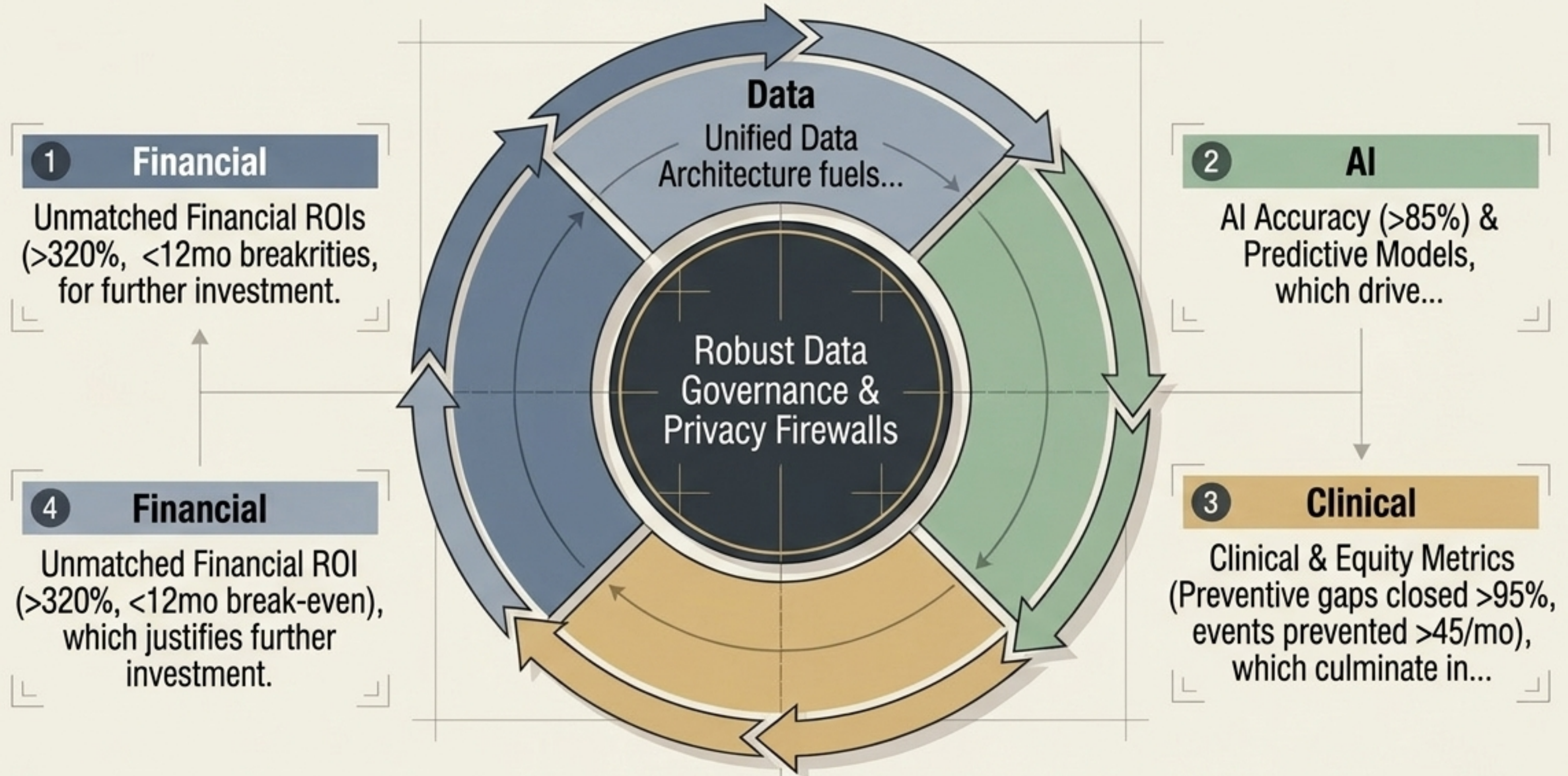


Impact: Ensures AI interventions are barrier-aware (e.g., adapting meal plans to cultural preferences and food access).

3-Year Implementation Roadmap (2024–2026)



The Platform Value Flywheel



UC37 is **not just a dashboard**; it is a self-optimizing engine for population health.