

INTEGRATED HEALTH EMPOWERMENT PROGRAM

Transforming Aftercare. Accelerating Cures.



The Ask: \$3.5M Seed | \$12M Pre-Money Valuation

The Lead: Jason Jarmacz, Founder & Principal Investigator



A SYSTEM FAILURE, NOT A CLINICAL ONE

Patient Journey

Diagnosis

Treatment
Initiation

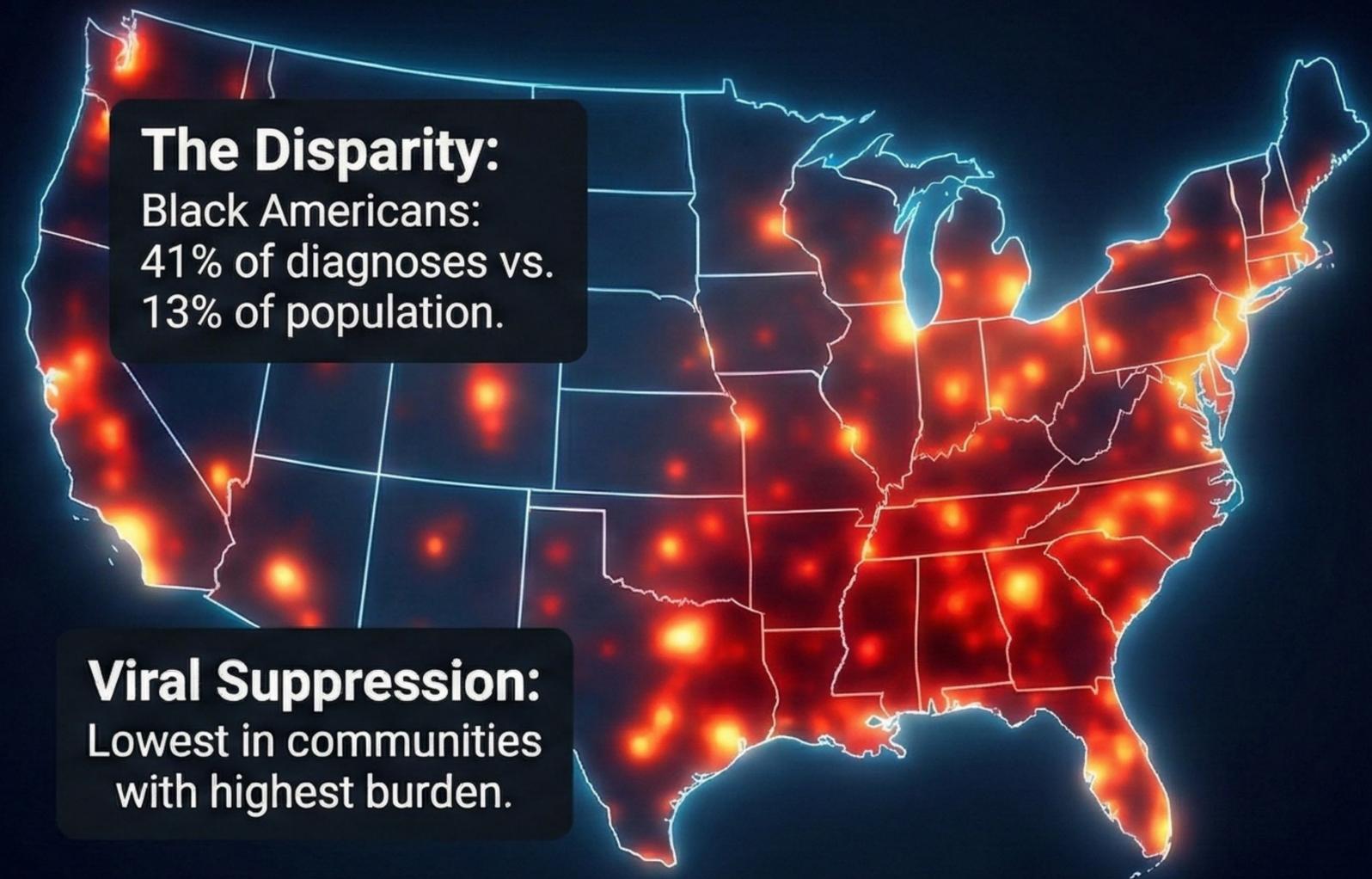
Aftercare



The Leak:
40% Patient Dropout
post-diagnosis

The Cost:
\$290B Annual Loss
to the US Healthcare
system (non-adherence)

HIV Hotspots & Demographic Disparity



The Disparity:

Black Americans:
41% of diagnoses vs.
13% of population.

Viral Suppression:

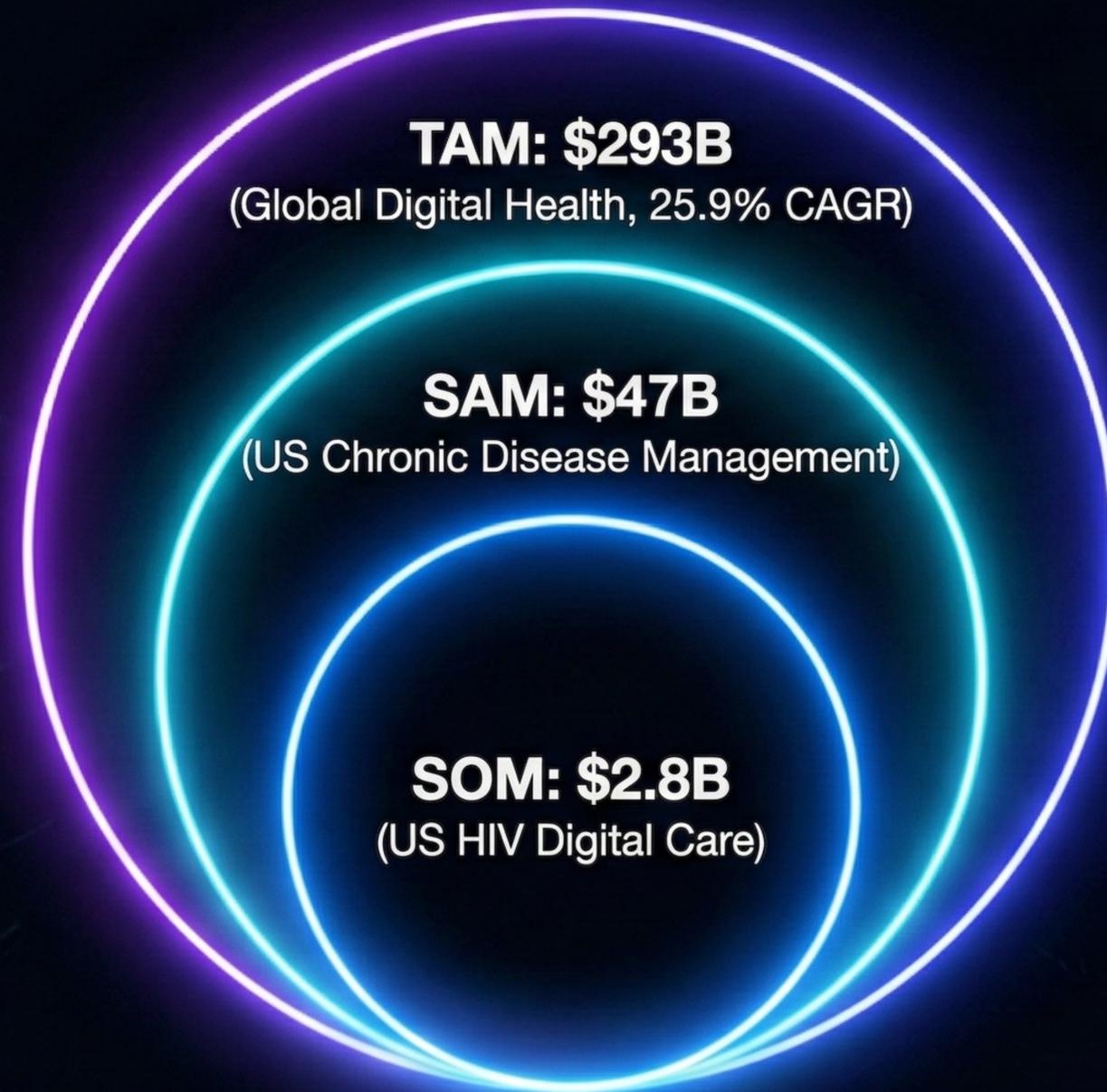
Lowest in communities
with highest burden.

Mathematical Impact:

$$\Delta M = (P_{dropout} \times C_{lifetime}) \times N_{annual}$$

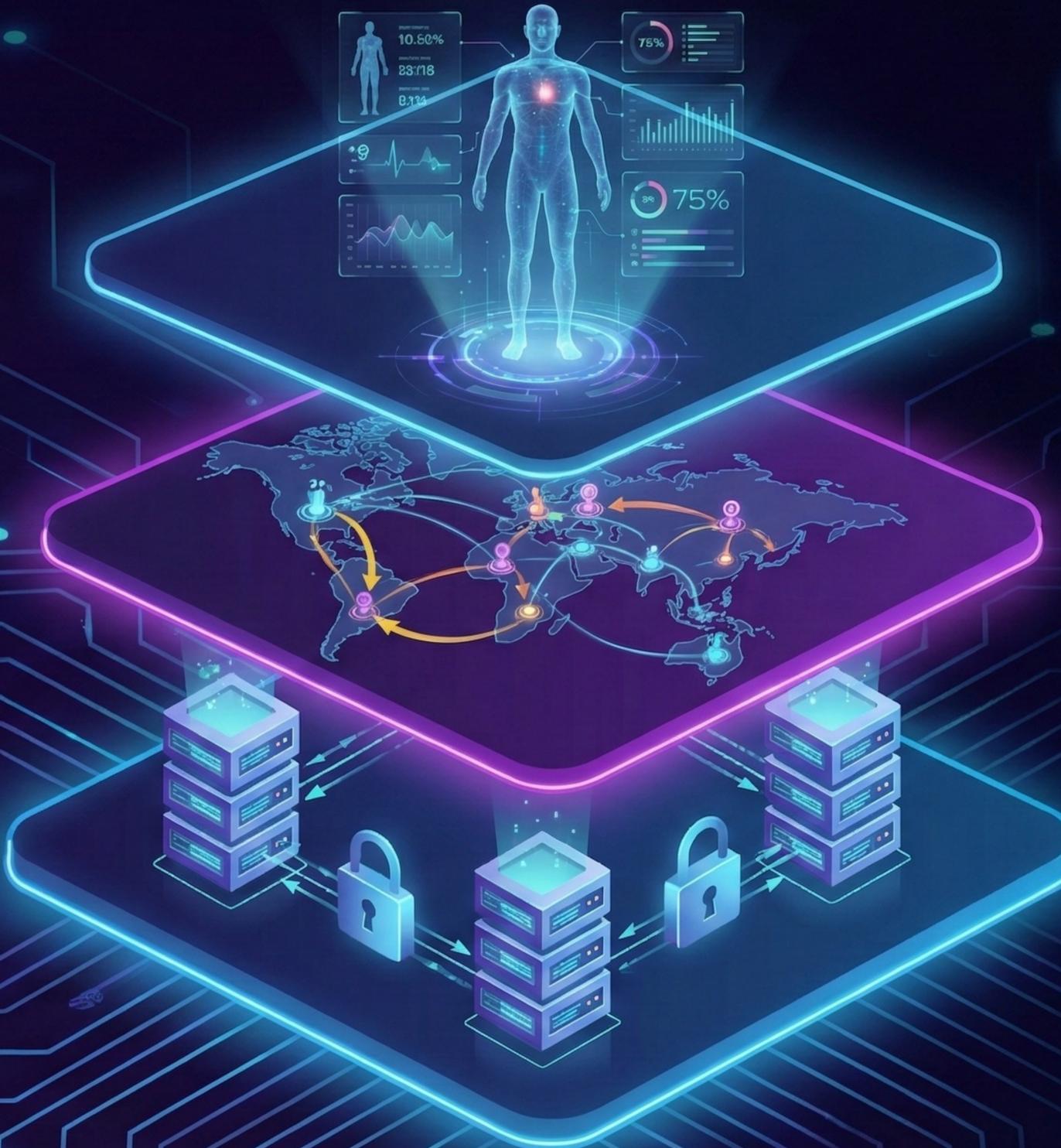
= **\$6.4 Billion** (HIV Alone) ✨

FROM BEACHHEAD TO PLATFORM



- **Beachhead:** 1.2M Americans living with HIV.
- **Economics:** 1% viral suppression improvement = \$1.2B value creation.
- **Expansion Vector:** The architecture scales immediately to Cancer, Rare Blood Diseases, and Autoimmunity.

MORPHOGENETIC DIGITAL HEALTH ECOSYSTEM



LAYER 1: Patient Digital Twin

Real-time predictive modeling (Clinical + Psychosocial + Behavioral). **75% Accuracy** in 3-month trajectory prediction.

LAYER 2: Organizational Twin

Maps care ecosystems to identify resource gaps (**25% efficiency gain**).

LAYER 3: Federated AI Network

Zero PHI Exposure. Models train locally; only insights move.

Tech Stack

 Next.js 14

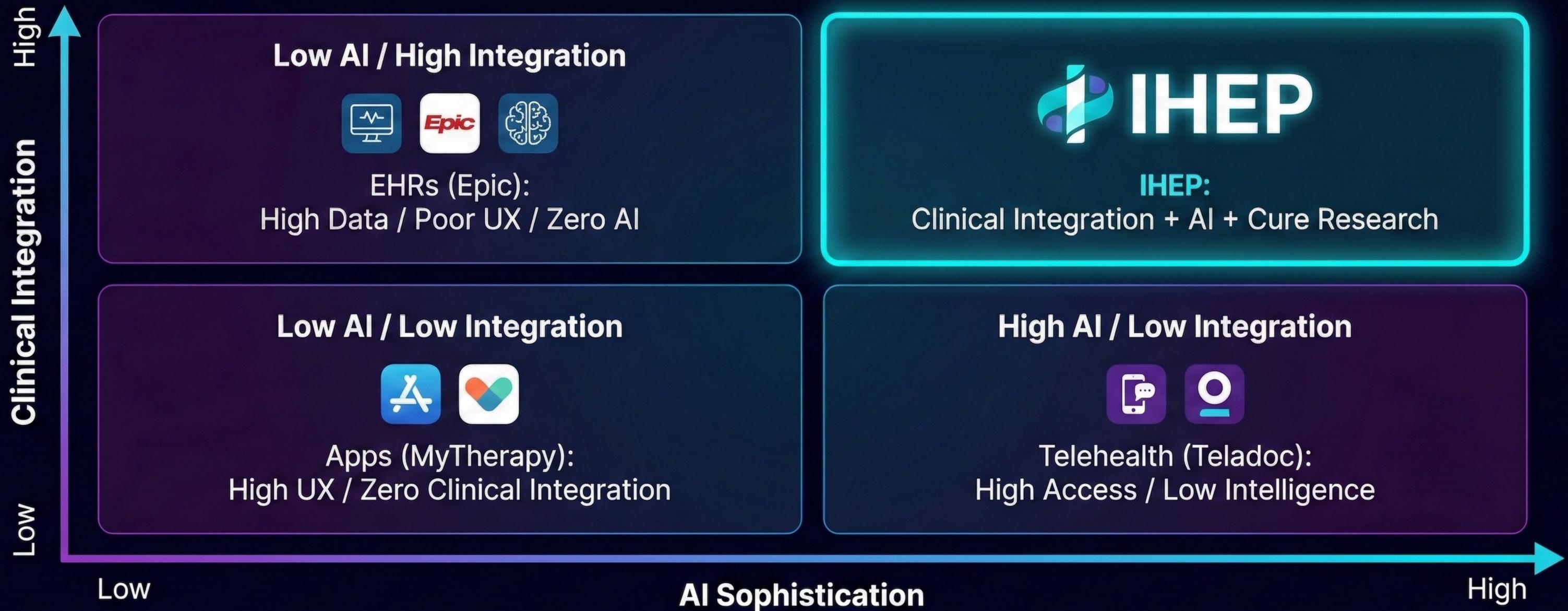
 Python
Microservices

 TensorFlow
Federated

 Google Cloud
Healthcare API



THE ONLY INTEGRATED PLAYER

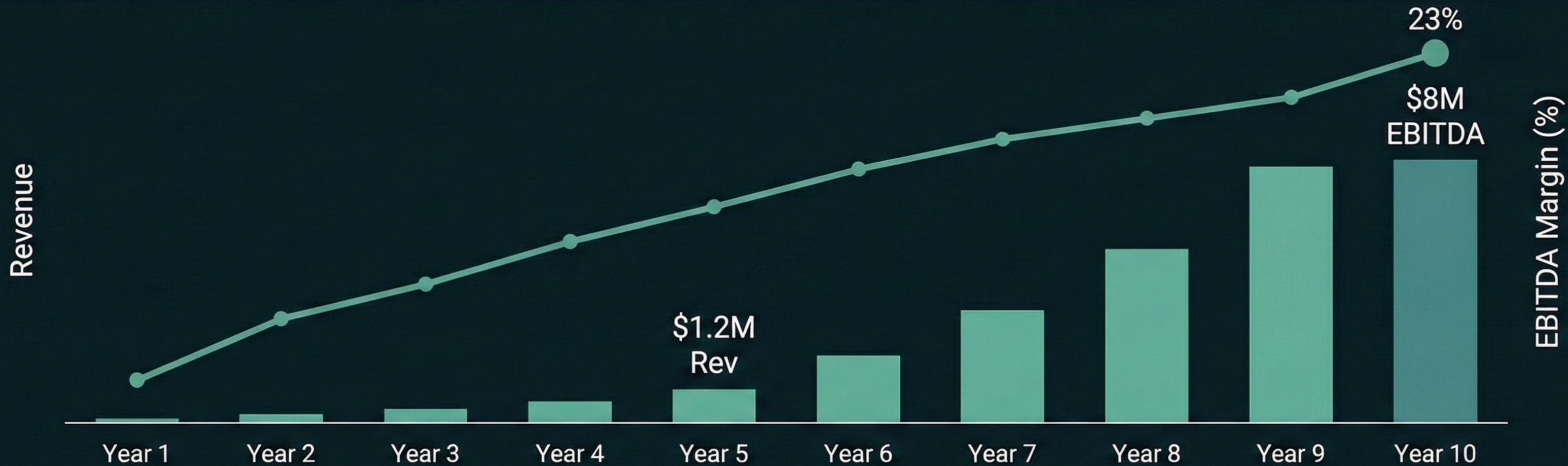


THE MOAT

-  Compliance-First Architecture (2-year head start on FDA AI regs).
-  Federated Learning (Privacy + Power).
-  Google Cloud Partnership (Enterprise Validation).



HIGH MARGINS, HIGH IMPACT



Revenue Engines

- **Provider Contracts:** \$150–\$300 PMPM (Care Coordination).
- **Pharma Licensing:** High-value longitudinal datasets for cure research.
- **Enterprise Licensing:** White-labeling the 'Twin' tech.

Projections

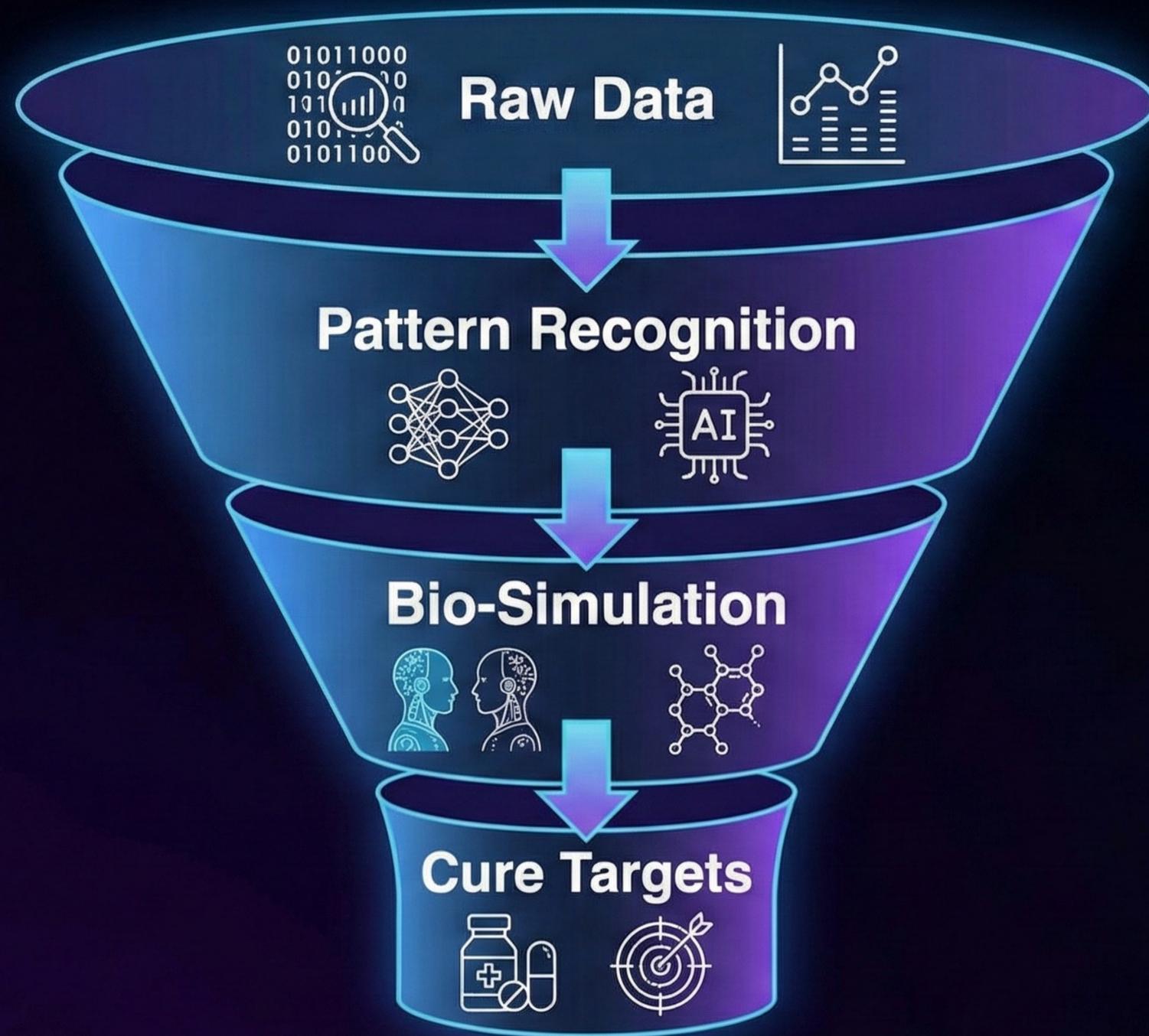
- **Year 5:** \$1.2M Rev (Validation Phase).
- **Year 10:** \$35M Rev | \$8M EBITDA (23%).

Unit Economics

- **LTV:** \$3,600 | **CAC:** \$500 | **Ratio:** 7.2:1.
- **IRR:** 34.2% (30-Year).



BEYOND CARE: THE ROADMAP TO CURE



The Thesis: The same Digital Twins used for scheduling appointments are generating the richest biological dataset in history.

Upside Optionality (Not in Financials):

- Elite Controller Analysis: AI-driven analysis of immune mechanisms.
- In-Silico Trials: Simulating CRISPR-Cas9 protocols on Digital Twins.

Market: Functional Cure Market value est. \$50–\$100B.

EXECUTION MACHINE

ACHIEVED

- ✓ Architecture Validated & Math Security Proven.
- ✓ Google Cloud Business Partnership Executed.
- ✓ 30-Year Financial Model Complete.



UPCOMING (Post-Funding)

Month 6:
MVP Operational &
Security Audited.



Month 9:
First 50 Patients
(Miami Pilot).



Month 12:
150 Active
Participants +
Outcome Data.

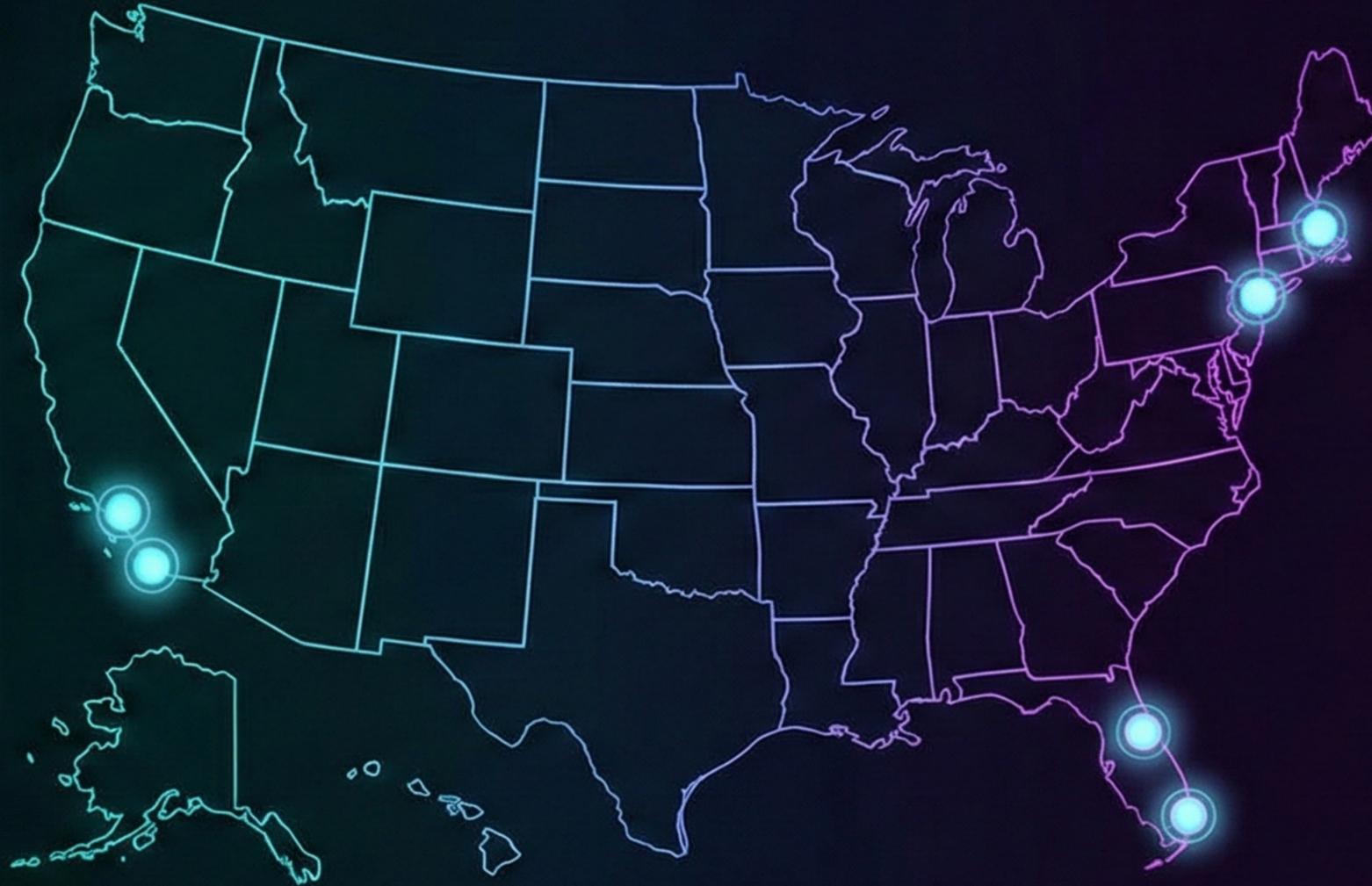


COMMUNITY-FIRST EXPANSION

Phase I (Year 1): Miami/Orlando

High prevalence,
strong infrastructure.

Partnering with Ryan
White clinics.



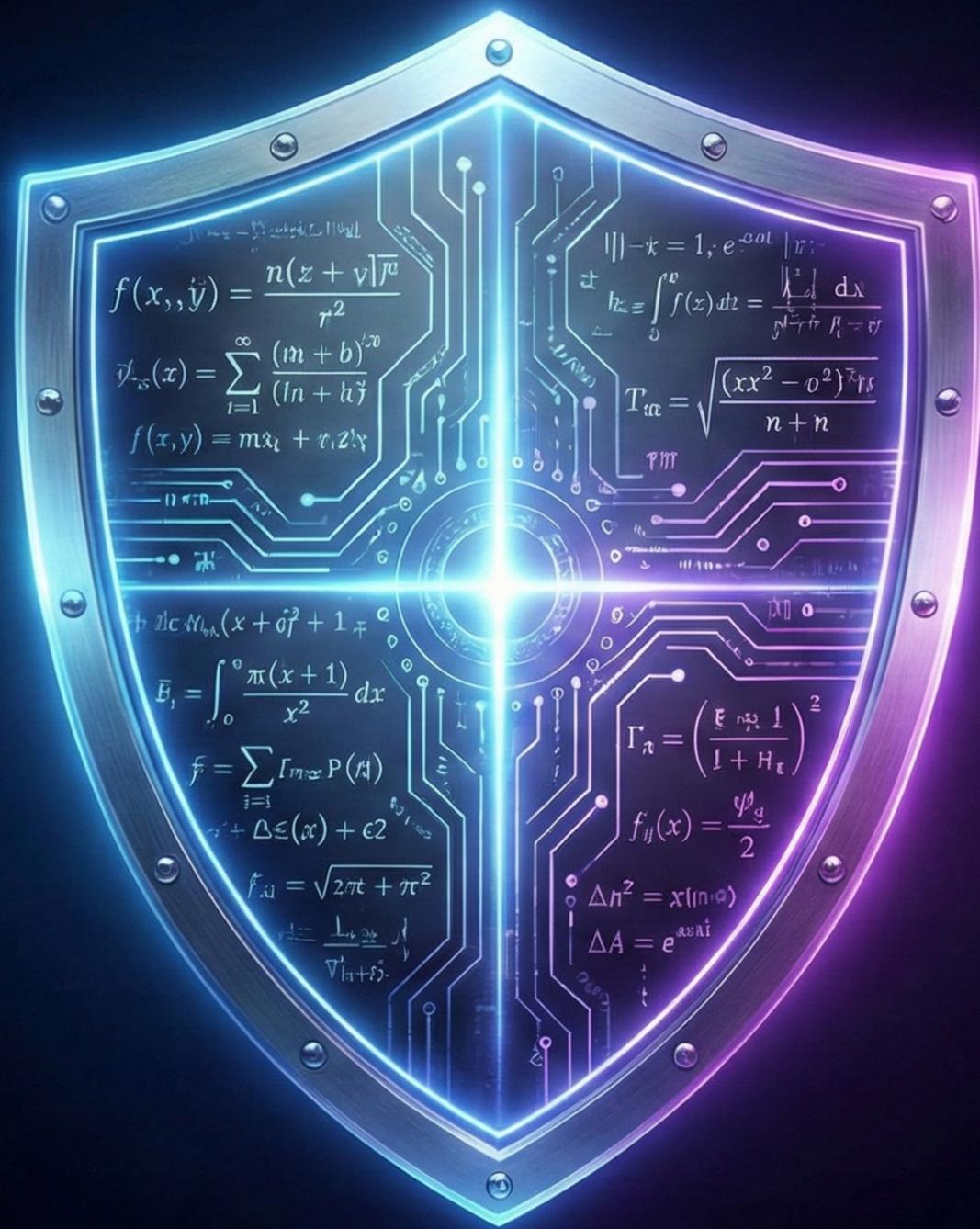
Phase II (Years 1-2.5): Los Angeles/San Diego

Second most prevalence,
largest population,
highest risk of exposure,
multiple outreach
partnerships.

Phase III (Years 2.5-5): Boston/New York
Triangulation complete. Full Implementation
of Paired (Twin) City infrastructure.



COMPLIANCE AS A WEAPON



The Risk: Data Breach & AI Bias.

The Mitigation:

- **Mathematical Security:** 7-Layer Defense Model. $P(\text{breach}) \leq 10^{-21}$.
- **Regulatory:** Built for NIST AI RMF & upcoming FDA AI guidelines.

The Advantage:

While competitors spend millions retrofitting for new AI laws, we are compliant by design.



MISSION-DRIVEN LEADERSHIP



Jason Jarmacz:

Founder, Principal Investigator.
Developer & System Architect of TradeMomentumLLC.com and Neurodivergence.works.

Hiring Plan (This Round):



CTO: Healthcare AI & HIPAA Specialist.



Clinical Director: MD/Informatics.



Security Officer: CISSP/NIST Expert.

Advisory Board: Assembling leaders in Health Equity, AI Ethics, and VC.



JOIN THE TRANSFORMATION

- **Raise:** \$3.5M Convertible Note
6% Interest, 20% Discount, \$15M Cap.
- **Use of Funds:**
71% Personnel | 13% Contingency | 16% Ops/Compliance.
- **Why Now?**
Federated Learning is production-ready.
Regulatory paths are clearing.
The market window is open for 18-24 months.

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