SignOra

INVESTMENT OVERVIEW

REAL-TIME, TWO-WAY SIGN LANGUAGE ↔ SPEECH TRANSLATION. NO HUMAN INTERPRETER.

A legally mandated market.
A captive customer.

SignOra is the AI-powered compliance layer for deaf-patient communication. We orchestrate six live Bittensor subnets into the first real-time, two-way translator between signing and speech — built first for US healthcare, where federal law requires every provider to deliver effective communication to deaf patients, and most cannot.

THE PROBLEM

48M Americans have hearing loss. Fewer than 14,000 certified interpreters serve them. The shortage is a declared national crisis — and you cannot hire your way out of a 5–10 year certification pipeline. States project losing 40% of remaining interpreters by 2030.

THE MANDATE

ADA Titles II & III and Section 1557 require effective communication at no cost to the patient. 6,000+ hospitals and 900,000+ physician offices must comply. No size exemption. DOJ fines start at $75K–$115K per violation. The DOJ is actively settling cases.

THE GAP

59% of addiction and 41% of mental health facilities provide zero ASL support today. They are out of compliance right now, exposed to active DOJ enforcement, with no scalable solution available — until now.

THE SOLUTION

SignOra installs on devices providers already own, works 24/7 with no scheduling, and costs a fraction of human interpreter contracts. We sell compliance for less than the price of a single violation. 2x–55x cheaper than current alternatives depending on facility size.

THE MARKET AT A GLANCE

$4.5B	15.4%	$10B	1.1M+	0
TAM BY 2033	CAGR	INTERPRETER MARKET DISRUPTED	US FACILITIES REQUIRED	TWO-WAY APPS AT SCALE

WHY THIS WINS — AND KEEPS WINNING

A moat that compounds.

SignOra runs on a distributed network of specialized AI miners that compete and self-train on consented data. It improves every time someone has a conversation. Centralized players — Google, Microsoft — retrain on fixed datasets quarterly. The longer SignOra runs, the wider the gap grows.

SIGNORA VS. CENTRALIZED BIG TECH

DIMENSION	SIGNORA (BITTENSOR)	GOOGLE / MICROSOFT
Model Improvement	**Self-trains continuously from every consented conversation via Hippius**	Static, manual quarterly retraining on fixed datasets
Language Coverage	**300+ sign languages via global competitive miners**	A handful of major, highly profitable languages only
Data Privacy (HIPAA)	**Intel TDX TEE via Targon — hardware-encrypted, PHI-blind. Built-in.**	Opaque centralized cloud — generic APIs unsuited for PHI
Cost Structure	**Decentralized, competitive miner pricing drives toward compute baseline**	High-margin centralized cloud extraction
Healthcare Focus	**Compliance-first architecture designed for ADA/HIPAA from day one**	Generic API — no ADA focus, no dedicated healthcare compliance
Network Economics	**dTAO value accrues directly to token holders and network participants**	Zero network ownership for early adopters or data contributors

THIS IS NOT A CONCEPT — IT'S BEING BUILT

Lead development partner: Vocence (Bittensor SN78) — Vocence is a live, production subnet and SignOra's primary development team and infrastructure backbone. Their engineers lead the orchestration build; their voice-intelligence network powers speech on both sides of the conversation. The remaining five layers — vision, translation, inference, storage, video — are already live and in production across the Bittensor ecosystem. We are composing proven infrastructure, not inventing it.

SCORE · SN44

Gesture Recognition

Real-time extraction of hand skeleton keypoints from live video at 30fps. The eyes of the system.

TARGON / CHUTES

Confidential Inference

Intel TDX TEE-based confidential compute running gesture-to-gloss translation. HIPAA-ready in use.

BABELBIT · SN59

Predictive Translation

Sub-3-second multilingual routing. Translation begins before the sentence finishes.

VOCENCE · SN78

Speech Generation

Text-to-speech output and audio capture. Lead dev partner and orchestration backbone.

VIDAIO · SN85

Video Pipeline

Delivery of the signing avatar back to the deaf user. Ecosystem interop layer.

HIPPIUS

Encrypted Storage

Blockchain-backed encrypted storage for consented conversations and the continuous learning loop.

WHY NOW

- **The mandate is intensifying.** HHS updated Section 504 in May 2024 with strict new digital-accessibility standards. Enforcement deadlines run 2026–2028. The DOJ's Barrier-Free Health Care Initiative settled its 4th medical case in 3 years in December 2025.

THE RAISE

$1M to secure the slot, build, and go to market.

This round funds the Bittensor subnet slot acquisition, the MVP-to-production build with Vocence, a dedicated sales and marketing push, and the compliance runway to reach market. Securing the subnet slot is the single gating step — it converts SignOra from architecture into a live, emitting network with a token.

USE OF FUNDS

Subnet Slot Acquisition
$400K–$450K

Bittensor registration is market-priced (~1,500 TAO) amid peak AI demand. TAO is locked, not spent — recoverable on deregistration. Effectively a refundable network deposit that produces daily emissions while active.

Production Build & Engineering
$240K–$280K

Vocence-led orchestration build, mobile frontend, signing-avatar integration, and the text-to-sign model — the one remaining piece to complete the two-way loop.

Sales & Marketing
$180K–$220K

A dedicated sales and marketing budget to capture early healthcare demand fast, build the pipeline, and get SignOra in front of hospital decision-makers across the mandated market.

Compliance & Operating Runway
$100K–$140K

ADA / Section 504 compliance posture, BAA and HIPAA attestation roadmap, and operating runway to ship the first pilots and reach market quickly.

> **The slot is an asset, not an expense.** The TAO locked to hold the subnet slot is recoverable when the subnet is deregistered. It sits on the balance sheet as a network asset and produces daily emissions while active — your capital is deployed into a yield-bearing, recoverable position rather than burned as a sunk cost. It functions as a refundable network deposit that works for you from day one.

WHAT YOU RECEIVE

- **Equity**
  In the Delaware C-corp that owns the SignOra brand, product IP, and all enterprise contracts.
- **Token Allocation**
  A defined SignOra alpha position in the Wyoming token entity that holds the subnet and emissions.
- **Network Yield**
  Validator staking rights and a share of subnet emissions as real-world usage scales.
- **Pro-Rata Rights**
  Maintain your position through future rounds and emission growth.

HOW YOUR INVESTMENT IS HELD

Two entities. One clean structure.

SignOra separates the operating business from the token so each investor holds exactly what fits their mandate — with no entanglement between securities and digital assets.

THE COMPANY

Delaware C-Corp

- SignOra brand & product IP
- All hospital & enterprise contracts
- The team and operations

EQUITY INVESTORS BUY HERE

THE TOKEN ENTITY

Wyoming LLC

- Bittensor subnet slot
- Owner wallet & emissions
- SignOra alpha token

TOKEN INVESTORS GET EXPOSURE HERE

Delaware for the equity investors' mandate · Wyoming for the crypto-friendly token framework. The founder controls both. No entanglement between securities and digital assets. Token upside flows to the C-corp as a balance-sheet asset, giving traditional equity investors indirect exposure without holding digital securities directly.

TWO WAYS TO INVEST

CRYPTO-NATIVE FUNDS

Lead Instrument	**Token warrant for alpha + small equity**
Weighting	**~70% token / 30% equity**
Thesis	**Network upside + dTAO flywheel**
Vesting	**18–24 mo, conviction-locked**
Extras	**Validator rights + pro-rata**

TRADITIONAL / HEALTHCARE VCS

Lead Instrument	**Preferred equity (priced or SAFE)**
Token	**Optional warrant — ignore if needed**
Token Upside	**Flows to C-corp as balance-sheet asset**
Rights	**Liq. pref · pro-rata · board/observer**
Founder Vesting	**4-yr vest · 1-yr cliff**

THE ASK — THREE REASONS

A MANDATED MARKET

Accessibility is a federal legal obligation, not a nice-to-have. Active DOJ enforcement and a national interpreter shortage create non-discretionary demand across 1.1M+ covered US facilities. The law already created the customer.

AN ARCHITECTURAL MOAT

Six production-grade subnets orchestrated into one real-time product, with a continuous-learning data flywheel that centralized competitors training on fixed datasets are structurally unable to replicate.

CAPITAL-EFFICIENT BY DESIGN

Partner-built infrastructure means this round funds the orchestration build and first pilots, not a from-scratch buildout. Every dollar compounds against assets that already exist in production.

UNIVERSAL MOTION. UNIVERSAL MEANING.

Sign language is the beachhead. The long-term trajectory for SignOra is a generalized, decentralized layer that turns human motion, gesture, and behavior into machine-readable meaning at scale. We are raising to build it, and we are partnered to ship it.