

WaveformTech

"The Visa of the Mind"

Investor Pitch Deck

\$75,000 Pre-Seed Raise

Confidential | March 2026

Brandon Hines, Founder & CTO

Patent ARAPA-BHINES-001P

The Problem

Human cognitive effort—thinking, focus, creativity, learning—is the most valuable resource in the modern economy. Yet it remains unmeasured, unmonetized, and unverified.

Current Gaps:

- **No Real-Time Measurement:** Existing tools cannot accurately quantify cognitive states in real-time.
- **No Monetization Layer:** There is no infrastructure to convert cognitive effort into tradable economic value.
- **Vulnerable to Gaming:** Self-reported productivity and subjective assessments are easily manipulated.
- **Limited Enterprise Adoption:** Organizations lack reliable tools to measure and optimize cognitive performance at scale.

This creates a massive opportunity: **the cognitive economy is emerging, but the infrastructure doesn't exist yet.**

The Solution

WaveformTech's **Neural Capitalism** platform transforms brain data into verified, tradable cognitive assets.

How It Works:

- **Ritual OS:** Captures real-time EEG data from multiple hardware devices with low-latency processing.
- **Interface Taxonomy (L0–L7):** Structured framework for classifying and representing cognitive states.
- **QTAC Metric:** Quality of Thought Assessment Coefficient—converts multimodal brain data (EEG, HRV, task alignment) into a simple, actionable score.
- **VOLTS Tokens:** Minted based on verified cognitive participation; tradable on our marketplace.
- **Anti-Gaming Protocols:** Multi-modal validation, AI-driven fraud detection, staking penalties, and behavioral checks ensure authenticity.

We are building the standard for measuring what a thought is worth.

Market Opportunity

The cognitive economy is an emerging multi-billion dollar market spanning multiple high-growth sectors:

Target Markets:

- **Enterprise Wellness & Productivity:** Organizations seeking to measure and optimize employee cognitive performance.
- **Defense & Federal:** DoD and federal agencies requiring cognitive readiness measurement and Zero Trust human verification.
- **Research & Clinical:** Universities, hospitals, and research institutions studying cognitive states and neuroplasticity.
- **Digital Asset Economy:** Growing demand for tokenized assets backed by real-world value.

Market Drivers:

- Increasing focus on productivity measurement and optimization
- Rise of tokenized economies and digital assets
- Federal investment in cognitive readiness and human performance
- Growing neuroscience and AI capabilities

Product & Technology

Core Technology Stack:

- **Multi-Device EEG Integration:** Universal abstraction layer supporting 12–15 EEG devices with <50ms latency.
- **AI-Powered Artifact Removal:** ORICA algorithm removes noise with >95% efficiency in <25ms.
- **Interface Taxonomy:** L0–L7 classification system for precise cognitive state representation.
- **QTAC Scoring Engine:** Real-time calculation of cognitive coherence and quality.
- **VOLTS Minting Engine:** Blockchain-based token issuance tied to verified cognitive participation.
- **Anti-Gaming System:** Multi-modal validation (neural, behavioral, temporal, contextual) + AI fraud detection.

Key Differentiators:

- Only platform integrating EEG capture → Taxonomy → QTAC → VOLTS in a single vertical stack
- Proprietary IP and algorithms
- Fraud-resistant by design
- Scalable enterprise architecture

Business Model

Revenue Streams:

- **SaaS Subscriptions:** Monthly/annual subscriptions for enterprise and individual users accessing Ritual OS.
- **Pilot Contracts:** Custom deployments for defense, research, and enterprise clients (\$50K–\$250K per contract).
- **VOLTS Marketplace Fees:** 2–5% transaction fees on VOLTS trading and staking.
- **Enterprise Licensing:** Custom module development and white-label solutions.
- **Hardware Partnerships:** Revenue share agreements with EEG device manufacturers.

Go-to-Market Strategy:

- Phase 1: Pilot contracts with federal and research institutions
- Phase 2: Enterprise SaaS expansion
- Phase 3: Consumer marketplace and VOLTS ecosystem growth

Traction & Validation

Institutional Validation:

- **NSF SBIR Phase I:** Official invitation to submit proposal (TRL-3 experimental proof-of-concept).
- **NVIDIA Inception Program:** Confirmed membership providing access to AI infrastructure and mentorship.
- **BrainBit Partnership:** Active SDK integration discussions with CTO Boris Goldstein.
- **Federal Pipeline:** Identified DoD/Federal lead (John Kliem, Johnson Controls) for Zero Trust Cognitive Readiness module.

Technical Milestones:

- 847M+ neural patterns processed in R&D
- Live Ritual OS prototype and demo available
- Foundational patent filed (ARAPA-BHINES-001P); 19 IP claims in development
- Multi-device EEG integration operational

Competitive Landscape

Competitor	What They Offer	What's Missing
Muse / Emotiv	EEG hardware	No monetization layer or cognitive asset creation
Notion / Obsidian	Note-taking and productivity tools	No proof of thinking or real-time cognitive measurement
Crypto / NFTs	Digital ownership and tokenization	No real cognitive backing or verification
WaveformTech	Full stack: EEG → Taxonomy → QTAC → VOLTS	Complete solution

Our Competitive Moat:

- Foundational patent filed; 19 IP claims in development
- Proprietary Interface Taxonomy and QTAC algorithm
- Only platform unifying hardware, AI, and tokenization in one vertical stack
- Network effects: early adopters build reputation and earning power

Regulatory & Data Privacy

Compliance Framework:

- **HIPAA:** Secure handling of sensitive neurodata with encryption and access controls.
- **GDPR:** Data privacy and user consent protocols for international markets.
- **FDA Positioning:** Ritual OS is a wellness and cognitive training platform, not a medical device.
- **SEC Guidance:** VOLTS are utility tokens, not securities; clear separation from company equity.

Data Security:

- End-to-end encryption for all neural data
- User-controlled data access and deletion
- Ongoing legal consultation with top-tier law firms (Kilpatrick Townsend, Cooley LLP)

We prioritize transparency, user privacy, and regulatory alignment.

Team

Founder & Leadership:

Brandon Hines — Founder & CTO

Architect of the Neural Capitalism framework and inventor of the VOLTS tokenomics system. Patent holder (ARAPA-BHINES-001P). Deep expertise in neuroscience, AI, and blockchain integration.

Strategic Advisors:

- **John Kliem, PE, CEM** — Director of Federal Strategy & Digital Transformation, Johnson Controls. Expertise in Zero Trust infrastructure and DoD contracting.
- **Boris Goldstein** — CTO, BrainBit Inc. Leading EEG hardware innovation and SDK integration.
- Additional advisors in neuroscience, AI, and regulatory compliance (to be announced).

Current Raise

Funding Details:

- **Amount:** \$75,000 Pre-Seed
- **Instrument:** SAFE (Simple Agreement for Future Equity)
- **Post-Money Valuation Cap:** \$3,000,000
- **Discount Rate:** 20%
- **MFN Clause:** Yes
- **Pro-Rata Rights:** Investors contributing \$25,000+
- **Target Close:** Q2 2026

Use of Funds:

- **20% — BrainBit Hardware Procurement:** 10 units for Pentagon/NeoSoft pilot deployments
- **30% — R&D & Product Development:** Interface Taxonomy refinement, QTAC algorithm optimization, anti-gaming enhancements
- **25% — Go-to-Market:** Federal pilot execution, enterprise sales, marketing materials
- **15% — Legal & Regulatory:** IP protection, compliance consulting, contract review
- **10% — Operations:** Infrastructure, cloud services, team support

Contact & Next Steps

Let's Build the Future of Cognitive Capital Together

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Verification & Source of Truth:

Verification Hash: **847M_PATTERNS_VALIDATED_2026_03_09**

Source of Truth: thearchitectsledger.abacusai.app/source-of-truth

Date Notarized: March 9, 2026

Next Steps:

- Schedule a live demo of Ritual OS
- Review technical documentation and IP portfolio
- Discuss pilot deployment opportunities
- Execute SAFE agreement and begin partnership