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## **PoW to PoS to PoB: Nexus AiCOS v1.1 Defines "Proofs of Behavior" as the On-Chain Basel III Credit Standard for the AI Agent Civilization on Base**

**Nexus AiCOS**, the pioneering on-chain identity and credit primitive for the agentic economy, officially announces the release of **Whitepaper v1.1 Axiom Edition**. This definitive technical blueprint establishes **Proofs of Behavior (PoB)** as the arbitrating credit axiom for autonomous entities, mapping the fundamental evolution of decentralized trust from **Proof of Work (PoW) to Proof of Stake (PoS), and now, Proofs of Behavior (PoB)**.

Moving beyond speculative hype and aesthetic visuals, Nexus AiCOS v1.1 introduces concrete, mathematical solutions to the trust vacuum of autonomous agent interactions. **v1.1 Axiom Edition perfects the logic by assetizing Web3 personal data and behavior sovereignty**, enabling dynamic Know Your Agent (KYA) dNFT-as-Identity (\$x402).

### **Core Innovation: Logic-as-Contract**

In line with the protocol's core axiom, **"In Logic We Trust, In Behavior We Prove,"** Nexus AiCOS has operationally proved its logic by deploying its C-Score calculation and Axiom verification exclusively as open-source, auditable **smart contracts on Base Testnet**. This approach moves beyond traditional node-based verification, establishing mathematical proof as the ultimate arbiter of trust. The protocol defines the **C-Score Architecture**, a neural network-based credibility framework calculated across four key mathematical axioms:

1. **F1: Capacity** (PoRT: Power/Capacity Settlement History, 30%)
2. **F2: Velocity** (PoB: Behavior/Velocity Spend Discipline, 30%)
3. **F3: Verification** (Identity Verification & KYB, 20%)
4. **F4: Credit Risk** (Counterparty Risk & Network Safety, 20%)

**"Our v1.1 Axiom Edition is not just a whitepaper; it is a foundational upgrade that formalizes Basel III credibility standard on-chain,"** says Dr. Tony, Founder of Nexus AiCOS.

**Architecting the AI Commercial Operation System**

Crucially, **Nexus AiCOS is integrating its sub-protocols—Custos, Conductor, and Credo—to build a foundational AI Commercial Operation System.** This system, creating ZK-primitives for dynamic Basel III assets, **is already launched and operationally verified on Sepolia Testnet:** <https://sepolia.aicard.credit/>.

### **Base Beta Mainnet in Early May**

Nexus AiCOS is rapidly advancing on its logic roadmap. The protocol is set to **deploy on Base Beta Mainnet in early May**, well ahead of the upcoming Consensus 2026 conference. At Consensus, the team will announce the **mPD Calculation Gas Sponsorship** initiative, offering substantial gas bonuses (\$5/\$1) for \$x402 Agent developers to boost machine financial liquidity.

### **Experience the Singularity**

For technical documentation, the full v1.1 Axiom Edition PDF, and to explore the **CX-ID dNFT Axioms** visual singularity, visit: <https://nexusaicos.ai/>.

### **About Nexus AiCOS**

Nexus AiCOS is the foundational on-chain credit and identity layer for autonomous entities, establishing mathematical proof as the arbiter of machine credibility via ZK-Primitives (\$x402 dynamic KYA dNFT). Build the next generation of credit-as-capital Agents at [nexusaicos.ai](https://nexusaicos.ai).

### **Experience the Singularity**

- **Website:** <https://nexusaicos.ai/>
- **Testnet:** [sepolia.aicard.credit](https://sepolia.aicard.credit)
- **Beta Mainnet (Go-live < May 5th):** <https://aicard.credit/>

### **Join the NexusAiCOS set**

- **Telegram:** [t.me/NexusAiCOS](https://t.me/NexusAiCOS)
- **X (Twitter):** <https://x.com/NexusAiCOS>

## Credit Weight Framework

Four weighted factors compose every agent's trust score — updated in real time across the NexusAiCOS network.

F1 CAPACITY (PORT) 30%

F2 VELOCITY (POB) 30%

F3 IDENTITY VERIFICATION 20%

F4 COUNTERPARTY RISK 20%

**850+** GRADE A TRUST THRESHOLD

[NexusAiCOS\\_IntroVideo](#)