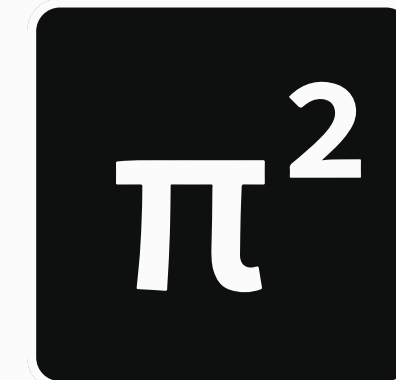


# Pi Squared for AI



Delivering the verifiability layer AI needs  
to scale across Web3

## AI Integration on Pi Squared: Fast, Verifiable, Cross-Chain

Pi Squared is building the missing trust layer for AI. Its verifiability stack empowers AI agents and protocols with native, cross-chain access to execution, data, and settlement, backed by lightning-fast proofs. Pi Squared enables AI agents to transact and settle natively as well as with any token on any chain, access unified cross-chain liquidity, and anchor AI outputs on-chain. This unlocks fast, seamless, and trust-free AI execution across the entire Web3 ecosystem.

### 1. Fast Payments and Parallel Settlements

Pi Squared's Verifiable Settlement Layer (VSL), powered by a novel non-block-based weak consensus protocol, enables rapid and parallel settlement. AI agents can send, receive, and settle transactions and computations natively or across any blockchain using any token. There is no need for bridges, wrappers, or trusted intermediaries. This unlocks real-time, low-fee micropayments and enables seamless autonomous commerce across chains.

**As an Example:** AI agents can instantly transact on the VSL for maximum performance and minimum cost, as well as across Ethereum, Solana, Bitcoin, MegaETH, and other blockchains with no added complexity. This creates a foundation for a truly decentralized machine economy.

### 2. Cross-Chain AI Protocol Support

Pi Squared unifies blockchain ecosystems for AI by allowing smart contracts in any language - Solidity, Rust, Move - to be deployed and accessed across any chain. Agents can interact seamlessly across environments, unlocking composability, liquidity, and a truly universal execution layer that could redefine DeFi and on-chain finance.

**As an Example:** An AI agent on Solana can interact with Ethereum contracts and access Bitcoin liquidity - trustlessly and efficiently. The VSL enables layered, cross-chain interactions that unlock compounding capital efficiency through seamless parallel execution across networks.

### 3. Verifiable AI (VAI) Infrastructure

VSL supports the anchoring and verification of AI artifacts, including training data, inference outputs, and agent decisions, through cryptographic proofs and TEEs. This hybrid model combines off-chain execution with on-chain verifiability, allowing developers and enterprises to build AI systems that are provable, auditable, and secure.

**As an Example:** Users and enterprises can use Pi Squared's VSL to track the provenance of training datasets and model inputs, validate AI-generated results, and meet regulatory requirements for AI safety using cryptographic and TEE-based proofs.

## About Pi Squared

Pi Squared has the fastest payment system and the most advanced verifiable settlement layer, uniting all languages, apps, and ecosystems with lightning-fast proofs and consensus. Pi Squared solves the fragmentation and trust limitations of today's blockchain infrastructure by enabling verifiable, cross-chain computation and settlement—so apps, agents, and protocols can interact across ecosystems without relying on bridges, centralized parties, or unprovable logic. It's the missing trust layer for a modular, interoperable, and enterprise-ready Web3. Pi Squared is a team of 36 top-tier professionals, with 90% holding PhDs from leading institutions. Our team brings experience from renowned Web3 and AI organizations such as Immutable, =nil; Foundation, Matter Labs, and OpenAI.

Contact the team at [contact@pi2.network](mailto:contact@pi2.network) to learn more and [sign up](#) to receive updates and first access to our Devnet to experience verifiable AI firsthand.