

# Arcanum Shinrai - White Paper v2.0

## 1. Introduction

Arcanum Shinrai is a next-generation cryptocurrency project designed to stand resilient in the face of upcoming technological disruptions. It unifies quantum-resistant cryptography, artificial intelligence, and scalable decentralized governance into a single, cohesive ecosystem. More than a token, \$ARKAI represents a paradigm shift in how we envision, govern, and secure decentralized systems.

## 2. Vision & Mission

Vision:

To empower a global, decentralized community with intelligent, post-quantum, and transparent blockchain systems.

Mission:

To build an AI-integrated blockchain ecosystem with robust quantum-resistant architecture and a truly community-driven governance model.

## 3. Problem Statement

- Traditional blockchains (Bitcoin, Ethereum) are vulnerable to quantum attacks due to ECDSA signatures.
- Governance remains opaque or centralized in many "decentralized" projects.
- Smart contracts lack adaptability and intelligence.
- Transaction fees and scalability issues hinder global adoption.

## 4. The Arcanum Shinrai Solution

- Quantum-Resistant Cryptography: lattice-based algorithms (CRYSTALS-Kyber, Dilithium).
- AI-Augmented Governance: AI agents that summarize proposals, detect malicious behavior, simulate vote outcomes.
- Scalable Infrastructure: modular architecture (EVM-compatible evolving into L2/L3), zk-rollup compatibility, ultra-low fees.
- User Empowerment: \$ARKAI for voting, staking, governance, and access to tools.

## 5. Architecture Overview

- Wallet Layer: Quantum-safe keypairs + Metamask compatibility.

- AI Layer: Oracles for proposal analysis and DAO suggestions.
- Smart Contract Layer: Solidity-based (initial), with AI-enhanced templates.
- Governance Layer: Snapshot voting + Ethereum-native DAO.
- Data Layer: IPFS/Arweave + optional zero-knowledge components.

## 6. Tokenomics (\$ARKAI)

Category | Allocation | Vesting

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DAO Treasury | 50% | Unlocked, managed via votes

Community Incentives | 20% | Released over 12 months

Founding Team | 15% | 12-month cliff, 24-month vest

Ecosystem Grants | 10% | Proposal-based

Advisors | 5% | 6-month cliff, 18-month vest

Total Supply: 100,000,000 \$ARKAI

Initial Circulating Supply: 15%

## 7. Roadmap (Phase 1)

- Month 1-2: White paper, DAO setup, landing page, whitelist creation
- Month 3: Testnet token, Snapshot voting, community building
- Month 4: Pre-sale and airdrop
- Month 5: Token launch on Ethereum or L2
- Month 6: Governance dApp beta, first DAO proposals live

## 8. Legal & Compliance

Arcanum Shinrai does not guarantee financial return. The project follows open-source, DAO-governed development. Legal restrictions may apply by jurisdiction. KYC/AML will be enforced during sale periods.

## 9. Glossary

- Post-Quantum Cryptography: secure against quantum attacks.
- DAO: community-run protocol management.
- ZK-Rollups: efficient L2 tech with privacy.
- Oracles: external data agents.
- Snapshot: off-chain governance tool.

## **10. Final Statement**

Arcanum Shinrai stands as a beacon of what decentralized systems can become: intelligent, secure, and fair. With a resilient foundation and a visionary community, \$ARKAI is poised to shape the future of crypto governance and technology.