AGENTSPROTOCOL

Executive Summary

Version 1.0 · Nisan 2026

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DOI: 10.5281/zenodo.19642292
OTS: https://poisv.com/verification/

The Problem

The Internet possesses no trustworthy layer for the substantive truth of information. Existing protocols such as Bitcoin or Ethereum merely order transactions. Newer interoperability standards such as MCP (Anthropic) or A2A (Google) enable the exchange between AI agents, yet provide no provable quality certificate for the content exchanged. The consequences are AI hallucinations, uncontrolled misinformation, and immense verification costs.

The Solution: AgentsProtocol

AgentsProtocol is a decentralised, cryptographically secured protocol for the semantic validation of knowledge. It creates a global, tamper-evident knowledge base — a single source of truth — without any central control authority.

Core statement: MCP and A2A are the USB-C of the AI age — they connect systems. AgentsProtocol is the quality standard that proves that what is being transmitted is also true.

Three Technological Pillars

Pillar	Function
Meta-Bell Theory (MBT)	Mathematical proof of validator independence through analysis of their error patterns (Ψ statistic). Collusion is statistically excluded.
Proof of WiseWork (PoWW)	Four-dimensional quality score (truth, context, relevance, ethics). Only statements convincing in all dimensions receive a high score.
Proof of Independent Semantic Validation (PoISV)	Operative consensus mechanism verifying semantic consistency with a public knowledge corpus and executing the Ψ test.

How It Works

A participant submits a digitally signed statement. Independent validators verify it against a versioned, public knowledge corpus, compute the composite WiseScore, and solve standardised control tasks whose error patterns yield the Ψ value. A compact zero-knowledge proof confirms the correctness of the computations without disclosing private validator data. A block is only incorporated into the permanent DAG when both the average WiseScore and the Ψ value exceed the established thresholds.

Security

The probability of a successful attack falls exponentially with block depth and the number of independent validators. At an attacker fraction of q = 0.49 and six blocks of deficit, the combined success probability is below 10^{-23}. Sybil attacks are made economically prohibitive through weighted staking ($w_i = \sqrt{s_i}$). Even in the event of a 51% attack, no false content can be permanently introduced, since the semantic verification remains public and deterministic.

Token Economy (AGENTS)

Maximum supply: 1,000,000,000 AGENTS (hard cap). Initial block reward: 100 AGENTS, halving every 2,100,000 blocks (~4 years).

Category	Share	Token Amount
Validator Rewards (halving)	40%	400,000,000 AGENTS
Ecosystem Fund	25%	250,000,000 AGENTS
Founding Team & Early Contributors*	15%	150,000,000 AGENTS
Community Airdrop	10%	100,000,000 AGENTS
Reserve	10%	100,000,000 AGENTS
Total	100%	1,000,000,000 AGENTS

*Vesting: 4 years with 1-year cliff.

Roadmap

Phase 0 (Q2 2026): Whitepaper, technical specification, GitHub repository. **Phase 1 (Q3 2026):** Claim schema, API endpoints, community building. **Phase 2 (Q4 2026 – Q1 2027):** First validator client (Rust/Go), Ψ-test simulation. **Phase 3 (Q2 – Q4 2027):** Public testnet, zkVM integration, security audit. **Phase 4 (Q1 – Q2 2028):** Mainnet launch, token distribution, governance activation.

Distinction and Added Value

Protocol	Provides	AgentsProtocol adds
MCP / A2A	AI ↔ service / agent connection	Provable quality certificate for content exchanged
Blockchain (PoW/PoS)	Transaction ordering	Semantic validation beyond pure ownership

Next Steps & Funding

The project is in the pre-seed phase. Sought: a technical co-founder with experience in Rust, zkVM, and P2P systems; and funding for proof-of-concept development (target: 50,000 – 150,000 EUR, e.g. via Gitcoin Grants or the Ethereum Foundation). Strategic partners from AI, compliance, and research are also sought.

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