

Set your rules. Let agents chase yield—provably.

Proof-gated yield automation on Mantle.

Create a vault, pick your allowed protocols, and cap exposure per protocol. Rebalances execute only when a zero-knowledge proof shows the agent stayed within your policy.

Manage vault

ON Ondo

- OUSG \$819.1M 40.6%
- USDC \$675.13M 33.5%
- Total TVL \$28.94M

AG AGNI

- USDC \$770.88K 2.0%
- USDY \$203.31 0.0%
- Total TVL \$38.96M

ST Stargate

- USDC \$1.97M 14.4%
- USDY \$0.00 0.0%
- Total TVL \$2.56M

PE Pendle

- USDC \$713M 0.2%
- USDY \$0.00 0.0%
- Total TVL \$433.11K

INIT

- USDT \$28792K 2.5%
- MNT \$565.00K 4.9%
- Total TVL \$7.35M

You'll pick which protocols the agent can use. Execution is proof-gated and routed only to allowed targets.

User-defined policy
Choose allowed protocols and set per-protocol caps. Your policy is committed on-chain as a hash.

Agent proposes, ZK proves
Agents generate a Groth16 proof that the proposal respects your allowlist, caps, and feasibility rules.

On-chain enforced execution
Execution routes only to allowed targets. If the proof is invalid, the Safe won't execute.

Arbiter

Where AI meets cryptographic guarantees for DeFi yield optimization.

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Overview

Arbiter is a Mantle-native yield optimization system that combines autonomous AI agents with zero-knowledge proof enforcement. Users deploy Safe smart account vaults, deposit stablecoins, and define policies. An AI agent continuously optimizes allocations across curated protocols—but every action requires a valid ZK proof proving compliance with the user's policy.

Problem

Current yield optimizers force users to trust off-chain agents with their capital. There is no cryptographic guarantee that agents will respect allocation caps, avoid unauthorized protocols, maintain consistent strategies, or follow user-defined policies. This fundamental trust gap significantly limits adoption and prevents users from safely leveraging AI-powered optimization at scale in decentralized finance markets.

Solution

Arbiter combines autonomous AI agents with zero-knowledge proof enforcement for Mantle yield optimization. Users deploy Safe smart account vaults, deposit stablecoins, and define policies committed on-chain. An LLM-powered agent optimizes allocations across curated protocols, but every action requires a Groth16 ZK proof verifying compliance with allocation caps and protocol allowlists. ProofGateSafeModule verifies proofs before execution, ensuring autonomous optimization with cryptographic guarantees that policies cannot be violated.

Business Model

1. Performance Fee: 10-20% of net yield generated (industry standard)
2. Management Fee: 0.5-2% annual fee on assets under management
3. Protocol Partnerships: Revenue sharing with integrated protocols (Ondo, AGNI, Stargate, etc.)

Roadmap

Q1 2026: MVP Launch (Current) - Safe vault deployment & USDC deposits- ZK policy circuit & proof generation

- AI agent with DefiLlama yield data integration
- ProofGateSafeModule on-chain enforcement
- Router protocol adapters (Ondo, AGNI, Stargate, Pendle, INIT)

Q2 2026: Production Ready - Complete protocol integrations with live deposits/withdrawals- Multi-protocol rebalancing automation

- Enhanced AI agent with historical performance learning
- Public mainnet launch on Mantle

Q3 2026: Scale & Expand- Multi-chain expansion (Base, Arbitrum, Optimism)- Institutional features (multi-sig policies, compliance reporting)

- Advanced policy types (time-locked caps, risk scoring)
- Mobile app for vault management and \$10M+ TVL target