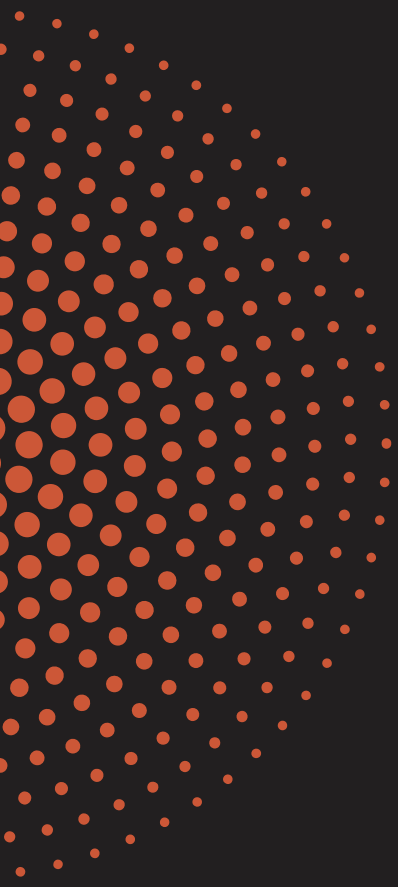

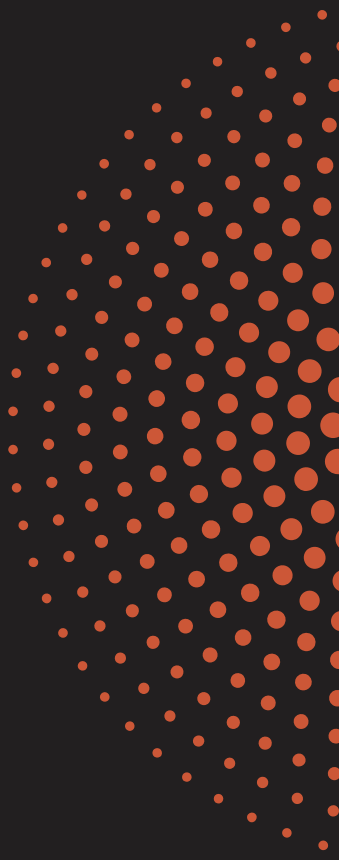

TRST

Trust Infrastructure for the AI Era

Whitepaper

DEC 2025

Primary Chain: World Chain

Prepared by

Team TRST

DISCLAIMER

TRST is an experimental decentralized protocol focused on trust attestation, identity-backed verification, and economic accountability in the age of artificial intelligence.

This whitepaper is for informational purposes only and does not constitute an offer, solicitation, or recommendation to buy or sell any asset. TRST is not a security, investment contract, or financial instrument. Participation involves technical, regulatory, and economic risks, including potential loss of funds.

TRST does not promise profits, price appreciation, or market liquidity. The protocol is designed as infrastructure, not a speculative vehicle. Users are responsible for understanding applicable laws and risks before interacting with the protocol.

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ABSTRACT

Artificial intelligence is scaling faster than governance, identity systems, and social consensus. As AI systems increasingly influence hiring, finance, media, and decision-making, **the absence of reliable trust mechanisms creates systemic risk.**

TRST is an early experiment in rebuilding trust for the AI era.

The protocol introduces on-chain trust attestation backed by real identity, economic stake, and shared liability. Trust in TRST is not free, not symbolic, and not transferable. It is earned, maintained, and at risk.
TRST is not designed for rapid adoption or speculation. It is designed to exist before regulation forces fragile, centralized solutions.

VALUES

Trust Over Speed

TRST prioritizes correctness and accountability over growth metrics.

Economic Accountability

Trust claims must carry financial consequences for misuse or deception.

Identity-Backed Systems

Trust without identity collapses. TRST integrates real human verification as a base layer.

Long-Term Infrastructure

TRST is built to compound relevance over time, not to chase short-term narratives.

THE PROBLEM

Today's digital systems cannot reliably answer:

- Who is human?
- Who is automated?
- Who is accountable?
- Who is lying without consequence?

AI agents can imitate humans, generate influence, and claim legitimacy without cost. Social trust systems remain off-chain, informal, and unenforceable.

This gap is dangerous.

Without a trust cost layer:

- Identity becomes performative
- Verification becomes symbolic
- AI legitimacy becomes self-declared

TRST exists to impose cost on trust claims.

TRST PROTOCOL OVERVIEW

TRST is a trust attestation protocol where:

- Trust requires locked capital
- Verification requires staked risk
- Backers share liability
- Misbehavior results in slashing

The protocol operates on World Chain and integrates **World ID for base human verification.**

TRST does not replace identity systems.

It adds economic accountability on top of them.

TRUST & IDENTITY MODEL

Base Identity

Each participant must prove humanity using World ID. One World ID corresponds to one trust identity.

Accountable Pseudonymity

Users operate under persistent pseudonyms tied to verified humanity. Real-world identity is not publicly exposed, but accountability is enforced on-chain.

Trust Attestation

To trust another entity, a user must lock TRST into a trust bond. Trust without stake has no weight.

Trust is:

- Non-transferable
- Time-decaying
- Economically backed

TOKENOMICS

Token Details

Token Name
TRST

Max Supply
10,000,000

Initial Phase
Deflationary

Later Phase
Earned inflation (usage-based)

Distribution

Founding Team
40% (time-locked, no trust power)

Early Builders & Researchers
20%

Public & Community
20%

Ecosystem Grants
10%

Strategic Partners
10%

Team-held tokens do not grant verifier rights or trust influence.

STAKING & SLASHING MECHANICS

Required Stakes

- Humans: 10 TRST
- Verifiers: 5,000 TRST
- AI Agents: 1,000 TRST
- Institutions: Stake multiplied by size and impact

Verifier influence scales sub-linearly to prevent dominance.

Trust Bonds

Trust endorsements require locked TRST. Larger bonds increase weight but with diminishing returns.

Slashing

Triggered by:

- Fraud
- False verification
- Identity abuse
- Ethical violations defined by protocol rules

Slashed funds are:

- 50% burned
- 30% rewarded to honest verifiers
- 20% allocated to protocol treasury

Backers of a dishonest actor are also partially slashed, enforcing shared responsibility.

GOVERNANCE

Governance is intentionally delayed.

Phase 1

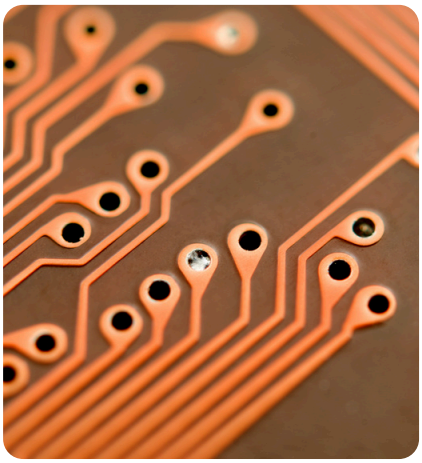
- No governance
- Core parameters fixed
- Advisory feedback only

Phase 2

- Progressive governance
- Token holders adjust trust thresholds and slashing severity

Governance authority expands only after demonstrated system stability.

ROADMAP (HIGH-LEVEL)



PHASE 1

0 to 1

- Core contracts
- World ID integration
- Trust bonding and slashing live

PHASE 2

1 to 10

- Verifier network expansion
- AI agent trust staking
- Public dashboards

PHASE 3

10 to 100

- Progressive governance
- Cross-protocol integrations
- Institutional trust layers

Conclusion

TRST is not a promise of returns.

It is a bet that trust will become the most valuable primitive in an AI-dominated world.

The protocol is intentionally slow, strict, and conservative. It favors those who think long-term, accept risk, and understand that real trust is expensive.

If AI becomes unavoidable, trust must become unavoidable too.

TRST is where that conversation begins.

Thank you!

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