

Intelligence, made verifiable.

Baranos lets software verify the computation behind an AI decision.

THE PROBLEM

AI decisions need an accountable process.

THE APPLICATION SEES

Request · Evidence reference · Action rules

↓

PRIVATE MODEL CALL

Model version unknown · Prompt unknown
Evidence selection unknown · Runtime unknown
Decoding policy unknown

↓

YES VALUE MOVES

Software can see the answer. It cannot check how the answer was produced.

WHAT BARANOS CHANGES

Baranos turns an AI request into a committed computation

MODEL	Version and weights
RUNTIME	Tokenizer and numerical profile
EVIDENCE	Input and content commitments
POLICY	Prompt, decoding and limits
SETTLEMENT	Payer, deadline and challenge rules

Same committed job, same canonical result.

THE LIFECYCLE

Committed, executed, challengeable, settled

- 01

Commit

Fix the model, evidence, runtime and policy.
- 02

Execute

In Confirmation mode, an eligible executor runs the committed job offchain and posts the required verification artifact.
- 03

Challenge

If challenged, the disputed computation is replayed and adjudicated onchain under the committed specification.
- 04

Settle

The canonical result becomes onchain state other programs can read.

Replay mode performs the computation fully onchain from the outset.

Determinism reproduces the computation, not the truth.

WHAT THE PROTOCOL PROVES

Artifact integrity

Weights, tokenizer, runtime and inputs match their commitments.

Execution integrity

The settled output conforms to the canonical job.

Process integrity

Disputes follow the policy fixed before settlement.

WHAT STILL REQUIRES JUDGMENT

Model error

Hallucination, bias and weak reasoning survive perfect execution.

Adversarial evidence

Prompt injection and manipulated sources remain application risk.

Data availability

Applications define how long raw evidence stays retrievable.

THE TRUST BOUNDARY

WHY FOGO

40ms

BLOCK PRODUCTION
ON FOGO MAINNET

1.3s

OBSERVED FINALITY
CHAINSPECT-REPORTED

A verified job is not one write. It is a commitment, an execution, a challenge window and a settlement. Its economics depend on cheap blockspace and fast confirmation.

WHERE A SETTLED RESULT BECOMES AN INPUT

Prediction markets

Resolve natural-language event conditions from committed evidence.

Risk engines

Classify collateral, disclosures, counterparties or incidents.

Insurance and claims

Test submitted evidence against policy fixed in advance.

Autonomous agents

Act on a public model and policy, not a private endpoint.

CURRENT DEPLOYMENT Baranos runs on Fogo testnet.