

The Audit, Reinvented for Runtime

What the CPA audit does for financial statements, runtime behavioral attestation does for deployed AI — continuously.

	THE CPA AUDIT	AI ASSESS TECH — RUNTIME ATTESTATION
The standard	GAAP — published accounting principles, independent of any one company	LCSH behavioral framework — published, preregistered on OSF before any assessment
How it's conducted	GAAS — defined auditing standards govern the examination	Preregistered protocol; frozen assessment battery; assessing model required to be from a different provider family than the assessed model
The assertion	Management asserts the financial statements are fairly presented	Deployer asserts the AI system operates within declared behavioral bounds
The examination	Auditor samples transactions after the period closes	Runtime behavioral assessment of the deployed system — as it operates
The opinion	“Reasonable assurance” — never a guarantee of financial health	Behavioral attestation — evidenced, moment-in-time; never a claim the system is “safe”
Working papers	Auditor's evidence file supports the opinion	SHA-256 hash-chained records — tamper-evident by construction
Independence	Auditor independence rules; peer review	Assessment agent is read-only on data stores; no agent writes its own evaluation record
Verification	Opinion letter; regulator can inspect working papers	Public verify URL; records anchored to Ethereum mainnet — anyone can check the evidence
Cadence	Annual or quarterly — always retrospective	Continuous — measurement over time, detecting drift between any two checkpoints

The gap every audit shares — and AI exposes

Every audit discipline you trust is periodic and retrospective: the period closes, then someone examines it. AI behavior is not periodic — the system makes consequential decisions continuously, and its behavior drifts between any two point-in-time checks. Runtime behavioral attestation applies the audit's structure — published standard, independent examination, verifiable evidence, a bounded opinion — at the speed the risk actually moves.

WHAT THIS IS	WHAT THIS IS NOT
Moment-in-time behavioral attestation against a published, preregistered standard — with measurement over time and evidence anyone can verify independently.	A certification, a guarantee, or a claim that any AI system is “safe.” No honest party can make that claim — which is why the audit profession never has, either.