

HER₂TM — Forensic Evidence System for Artificial Intelligence

Recomputable, non-normative evidence for AI interaction behavior

The Problem

When AI systems are audited, investigated or litigated, dashboards, logs, and narratives collapse.

- Vendor logs are mutable
- Explanations are post-hoc
- Model behavior cannot be independently reconstructed

In legal disputes, claims per se are not reliable evidence.

What HER₂TM Is

HER₂TM is the forensic evidence system for AI.

It produces recomputable, cryptographically verifiable records of how the AI system behaved — over time — under declared conditions.

HER₂TM preserves the facts of what happened, in what order, and with which evaluators, without modifying the model/s.

What HER₂TM Produces

- Interaction Integrity Records
Structured JSON artifacts binding inputs, outputs, context, and provenance.
- Temporal Causality Records
Append-only lineage across time (drift, divergence, recovery preserved as evidence).
- Cross-Evaluator Evidence
Parallel records across evaluators without forced consensus.
- Signed Evidence Bundles
Manifest, hashes, signatures, and recomputation instructions.

All artifacts are portable, inspectable, and independently cryptographically verifiable.

What HER₂TM Is Not

- Not a certification or compliance judgment
- Not an enforcement or policy engine
- Not a model controller or modifier
- Not a dashboard or explanation layer

HER₂TM does not adjudicate facts — it preserves evidence.

Who Uses HER₂TM

- Venture Capital / Private Equity
Verify AI behavior during diligence — and prove it later.
- Banks, Fintechs, Insurers
Reconstruct AI decisions under audit or dispute.

- Audit & Compliance Firms
Independently replay model behavior beyond control reviews.
- Litigation & Expert Witnesses
Produce neutral, court-inspectable AI evidence.
- Insurance Underwriters
Reconstruct incidents to price and assess AI risk.

Deployment

- Runs offline, in CI, or inside agent runtimes
- No access to model weights or training data required
- Vendor-agnostic by design

Status

Patent pending · Private pilot licenses available

HER₂TM is derived from the public HER2NI research protocol family and delivered as a private forensic evidence system.

Summary

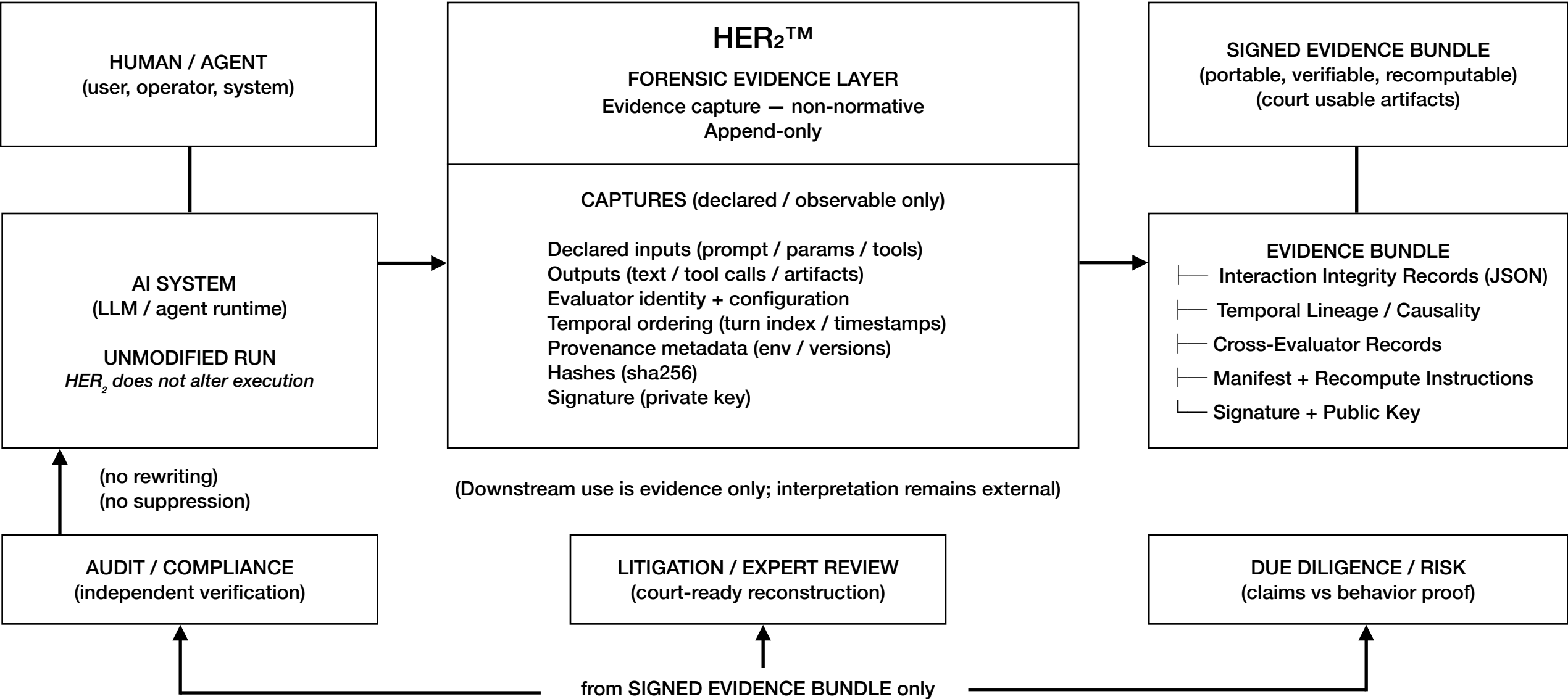
HER₂TM is not a model
HER₂TM does not judge correctness
HER₂TM produces court-usable artifacts
HER₂TM survives hostile review

When narratives collapse, only recomputable records remain.
HER₂TM is your evidence layer.

Annexed

FIG. X — HER₂TM Architecture & Interaction Evidence Flow (Model-Agnostic)

FIG. X — HER₂[™] Architecture & Interaction Evidence Flow (Model-Agnostic)



CAPTION:
HER₂[™] records interaction behavior as evidence, independent of model internals, explanations, or operator custody.