

# Kingdom Conformance - Standardization Brief

*Receipts, Not Promises: Fail-Closed Governance for High-Stakes AI (RFC v1.3.6, Public Draft)*

## Purpose (one-page)

Kingdom Conformance defines a vendor-neutral governance substrate that makes admissibility decisions portable and independently replayable, and blocks sensitive side effects by default when evidence is missing, stale, inconsistent, unverifiable, or nondeterministic (HOLD -> fail-closed).

## What this RFC standardizes

- Policy Packs (versioned, machine-readable admissibility rules)
- Deterministic Validators (PASS/FAIL/HOLD + stable reason codes)
- Replay-verifiable Receipts (bind decision to declared inputs + freshness bounds)
- Permits (minted only after PASS; scope- and time-bounded)
- Fail-closed Gates at real control points (compute admission, transfer/egress, etc.)
- Conformance Pack + Conformance Statement (portable audit unit)

## Who should read/use it

- Platform owners and builders implementing high-stakes AI workflows
- Buyers and procurement teams who need acceptance tests, not narrative assurances
- Auditors and independent verifiers who must replay claims offline
- Programs/consortia seeking interoperable governance across vendors and environments

## Included procurement + audit kit (Zenodo attachments)

- Main spec: Kingdom\_Conformance\_RFC\_v1.3.6\_Zenodo\_STANDARD\_APEX.pdf
- One-page Claim Card (Conformance Statement visualization)
- One-page RFP Appendix Template (requirements + acceptance tests)
- Supplement S1: Auditor Playbook (Aggressive Audit Gauntlet)
- Supplement S2: Reference Verifier + Test Vectors (ZIP, non-normative)
- Supplement S3: Zenodo Submission Checklist (metadata + files)

## Fast evaluation (what reviewers can test)

- Replay: independent verifier reproduces PASS/FAIL/HOLD + reason codes using only a Conformance Pack + authorized evidence handles.
- Freshness boundary: stale prerequisites deterministically yield HOLD (or FAIL if policy requires).
- Enforcement (L2+): no in-scope side effect occurs without a valid Permit minted after PASS and validated at the relevant control point.
- Audit gauntlet: map findings to F1-F6 (Structural, Replay mismatch, Coverage gap, Freshness breach, Enforcement failure, Reason-code instability).