

One Workflow. One Risky Action. One Governed Proof.

Policy-Bound Execution (PBE) is a pre-execution governance primitive for AI-assisted workflows. It tests whether an action is still authorized before it becomes consequence. **AI can propose. PBE decides. Adapter enforces. Receipt chain proves.**

What PBE Tests

- the action was requested within a bounded workflow
- authority or approval existed before execution
- invalid states refused before consequence
- copy, move, delete, overwrite, and recovery remained separate
- evidence was produced without exposing the private mechanism

Pilot Scope

One bounded workflow and one risky action, selected for controlled review.

- controlled file release
- approval-gated export
- restricted send
- workflow state change
- document release boundary

Current Proof Status

98 receipts verified | Quarantine state validation passed | Controlled reviewer packet created | Full internal evidence package preserved and frozen

Public Proof Index

- **Tested:** bounded request, approval separation, release intent, copy-only consequence, quarantine recovery, receipt verification
- **Refused:** unauthorized execution, move, delete, overwrite, duplicate quarantine, invalid state transitions
- **Preserved:** source history, receipt chain, private mechanism, bounded public claim, reviewer-safe evidence packet

What This Does Not Claim

- production deployment
- broad filesystem governance
- customer-data governance
- enterprise-wide enforcement
- non-bypassable production control
- public release of implementation details

Why It Matters

AI systems are moving from suggestion into execution. Once systems can send, export, approve, update, release, trigger workflows, or affect access, the governance question changes from "Was the output safe?" to "**Was the system still allowed to act?**"

Pilot Outcome

- one bounded workflow mapped
- one action governed through allow/refuse behavior
- evidence produced in reviewer-safe form
- next governed boundary recommended without exposing the engine room

Request a controlled review of the PBE reviewer-safe packet and pilot scope.
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