DARTMOUTH ADVISORY PARTNERS

TECHNICAL SHEET / GOVERNANCE

Decision Provenance

Keep the decision with its basis.

TYPE	IN THE MACHINE	PUBLISHED
Decision record	Proof	October 2026

01 / WHAT IT IS

What it is

Decision Provenance is a decision-record schema and implementation linking an action to the inputs, policy and outcome that explain it.

TYPE	Decision record
GROUP	Governance
IN THE MACHINE	Proof
SOLVES	Reporting and decision records, Executable governance
BROUGHT BY	Policy compilation, Compliance review

02 / HOW IT WORKS

How it works

In order. Each step is checked before the next begins.

01	**Input snapshot**
02	**Rule and version**
03	**Recorded outcome**
04	**Inspectable record**

> IN PRACTICE
>
> A refused action retains the same source and input context as an approved one. Review can examine the basis of either outcome.

03 / WHO IT IS FOR, AND HOW IT IS APPLIED

Who it is for, and how it is applied

Who it is for

Governance, risk and engineering teams inspecting how a decision was made.

How it is applied

The record is part of the evidence architecture. Assurance depends on the integrity of capture, policy validation and implementation; a record by itself is not independent certification.

04 / CONNECTED WORK

Connected work

Decision Provenance works alongside these systems.

SYSTEM	WHAT IT DOES
Overture	Authority before action.
Living Policy Architecture	Policy becomes working infrastructure.
AA-1	Make agent governance legible.
Overture PI	Living Policy Architecture for personal injury law.

05 / READ ON

Read on

1. Policy-coupled Decision Attestation, on SSRN
   `https://papers.ssrn.com/sol3/papers.cfm?abstract_id=7108538`
2. Run the policy example
   `https://dap.solutions/how-it-works/#operation/outside/3`
3. Decision Provenance on dap.solutions
   `https://dap.solutions/solutions/systems/decision-provenance/`

Govern first. Then automate.

Models propose. Humans ratify. To discuss Decision Provenance, write to info@dap.solutions.

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Your organization's foundations, compiled.