

THE SIGNET DEMONSTRATIONS

Three governed actions, one harness

The barrier to AI in procurement was never capability — it is whether autonomy can be governed, audited, and certified. SIGNET answers with one governance harness — mandates, published policies, verifiable approvals, provenance, tamper-evident records — demonstrated across three different consequential actions. Each runs live in your browser and is re-verified in automated testing on every change to the standard.

1 · An agent awards a contract concert.foundation/standard/agent

What happens. A €12M procurement, two bids, a published rule weighting quality at 55%. The agent scores both, and the more expensive, higher-quality bid wins 0.859 to 0.842. The €12M value exceeds the agent's €10M mandate, so a human approval is enforced — one whose delegation-of-authority credential verifiably covers the value.

What it proves. Explainable, reproducible awards under the buyer's own rule — with human authority that is checkable, not assumed. The agent is not a cheapest-bid picker; it applies the policy.

2 · An agent qualifies a supplier concert.foundation/standard/onboarding

What happens. A supplier presents five credentials against an eligibility policy. Four pass; financial standing covers only €5M of a €12M tier. Instead of a blunt yes/no, the agent qualifies the supplier conditionally — active, capped at €5M, pending an upgraded credential — with human approval because attaching conditions is a judgement outside its autonomous scope.

What it proves. Judgement outcomes, governed: real onboarding is not pass/fail, and the limits the agent sets are machine-readable constraints downstream decisions must honour.

3 · An agent-run auction clears concert.foundation/standard/auction

What happens. Two suppliers' bidding agents undercut each other in a reverse auction, each bound by a sealed mandate floor it cannot breach. The auction closes when the runner-up's mandate stops it — the winner takes €11.0M without ever revealing its own floor — and re-running the close reproduces the identical award.

What it proves. Price formation lives in the neutral standard layer, not in any operator: the close is deterministic, so any conformant implementation reaches the same result. Fairness becomes a conformance property, not a trust exercise.

CERTIFIABLE, NOT JUST DEMONSTRABLE

Every property above is enforced by a public, machine-runnable conformance suite — identical for every implementer, including cross-object rules beyond schema checks (reconciliation arithmetic, deterministic closes, authority sufficiency). Four extensions ship today: supplier onboarding, auctions, identity & verifiable approval, and commodity risk — all machine-certifiable, all CC0, all stewarded by the neutral Concert Foundation.

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