

Independent Authorization Proof for High-Risk Enterprise Actions

■ EXECUTIVE SUMMARY

ATTEST-R is an independent authorization and audit control plane for high-risk enterprise actions. It cryptographically proves who approved what, under which policy, and that the approved action is exactly what executed.

Unlike CI/CD tools, ITSM systems, or IAM platforms, ATTEST-R operates outside the execution system, eliminating conflicts of interest and producing non-repudiable evidence.

■ THE PROBLEM

Modern enterprises execute irreversible actions based on approvals that are:

- Buried in mutable logs or tickets
- Inferred rather than explicitly proven
- Audited by the same system that executed the action

"A system cannot reliably audit itself."

■ THE SOLUTION

ATTEST-R introduces a sovereign authorization layer that separates human authority from system execution, transforming approvals into cryptographic facts that:

- Are explicitly signed by humans
- Are bound to intent and policy
- Cannot be altered or repudiated

■ HOW IT WORKS (3-STEP MODEL)

01. INTENT

System proposes a high-risk action (release, export, etc).

02. ATTEST

Authorized humans provide explicit, signed approval.

03. PROVE

Immutable record links intent, approval, and execution.

■ CORE CAPABILITIES

Cryptographic Human Authorization

Approvals are explicit signatures bound to identity and time.

Policy-Driven Multi-Party Approval

Enforces quorum and segregation of duties.

Pre-Execution Enforcement

Authorization is verified before execution, not after.

Immutable Authorization Proof

Tamper-proof chain for non-repudiable evidence.

■ PRIMARY USE CASES

Software Release Authorization

Regulated production deployments with provable approvals.

Data & AI Governance

High-risk data exports, schema changes, and model promotions.

Infrastructure & SecOps

Privileged access grants and emergency overrides.

■ COMPLIANCE ALIGNMENT

ATTEST-R provides cryptographic evidence for:

- **SOX** change management
- **ISO 27001** change control & audit
- **NIST CSF** accountability

*ATTEST-R enables evidence, not policy definition.

■ WHAT ATTEST-R IS NOT

ATTEST-R complements existing systems by providing independent proof. It is NOT:

✗ CI/CD System

✗ IAM / PAM

✗ ITSM / Ticketing

■ DEPLOYMENT & ACCESS

Deployment Options

- SaaS (Enterprise-grade)
- Self-hosted / Private (Available)

Who Uses ATTEST-R

- Security & GRC leaders
- Platform & DevOps teams
- CTO / CIO organizations

■ KEY DIFFERENTIATOR

Proof, not trust.

ATTEST-R creates authorization records that survive tool changes, vendor changes, and organizational churn.

attest-r.mergematter.io