



Automated AI Compliance Infrastructure

Trust Verification, Drift Detection & Privacy-Preserving Assessment

THE INNOVATION

Complete operational infrastructure for continuous AI compliance: trust verification ecosystems ("Badge is CLAIM, Portal is PROOF"), velocity-based drift detection, privacy-preserving SDK architecture, and information-theoretic confidence measurement.

FOUR CLAIM SETS (28 claims total)

A: TRUST 7 claims	B: COMPLIANCE 7 claims	C: PRIVACY 7 claims	D: INTEGRITY 7 claims
<ul style="list-style-type: none"> • Embeddable widgets • Public trust portals • QR verification • Fraud detection 	<ul style="list-style-type: none"> • Velocity drift detection • Pattern classification • State machine lifecycle • Circuit breaker 	<ul style="list-style-type: none"> • Health Check Keys • Privacy-first SDK • AES-256-GCM keys • CI/CD blockUntilPass() 	<ul style="list-style-type: none"> • Hash chain + Merkle • Commemorative lock • Shannon entropy • Confidence tiers

WHY IT MATTERS

Point-in-time assessment is necessary but not sufficient.

Real-world AI governance requires:

- Continuous monitoring (not one-time)
- Third-party verifiable results
- Privacy-preserving execution
- Confidence quantification

APPLICATIONS

- ✓ Enterprise compliance dashboards
- ✓ CI/CD pipeline deployment gates
- ✓ Customer-facing trust badges
- ✓ Regulatory audit documentation

STATUS: Draft February 2, 2026 | **TYPE:** Extension of 63/949,454 | **DEPLOYED:** aiassesstech.com (all 28 claims implemented)

See a live verification example:

aiassessmenttool.com

Scan to verify

