

DO-178C Compliance

Solution Brief

Avionics-grade governance enforcement with complete traceability from requirements to AI model execution. Claviger implements the rigor required for level A-D avionics certification applied to AI systems.

Requirement Traceability: Every AI model execution is traced back to the original requirements document. This creates the requirement-to-implementation mapping demanded by avionics certification bodies.

Development Lifecycle Verification: Every model development step (requirements, design, code, testing, deployment) is cryptographically verified and logged. This creates immutable evidence of following the development process.

Testing & Verification: Test results are sealed cryptographically so they cannot be modified after the fact. Model performance on test suites is continuously verified during operational deployment.

Certification Support: The immutable governance record generated by Claviger becomes the basis for certification evidence to FAA/EASA/CAAC.

