

TRUST ARCHITECTURE

CrisisFlow Evidence and Authority Brief

How CrisisFlow keeps provenance, uncertainty, executability and human decision rights inside the record.

Core rule. A source, an exposure inference, a modeled consequence, a recommendation, a proposal, an approval and an executed action are not interchangeable. CrisisFlow preserves each state and the transition between them.

Evidence states

State	Meaning	Required disclosure
Sourced fact	A statement retained from an identified source	Source, time, version, authority and limitation
Supported relationship	A dependency supported by enterprise or licensed evidence	Relationship type, scope and evidence class
Inferred exposure	A declared rule connects event and enterprise objects	Rule, fallback, confidence class and unresolved alternatives
Modeled consequence	A scenario transforms declared inputs into operating effects	Units, inputs, formula and sensitivity
Unresolved	Evidence is absent, conflicting or below the decision threshold	What is missing and whether it could change the decision

Exposure inference hierarchy

- Resolve stable identifiers before fuzzy entity matching.
- Retain authoritative coordinates or polygons and version them where available.
- Apply hazard-appropriate geographic, jurisdictional, entity, product, route or technology relationships.
- Use distance, administrative-unit or other fallback logic only when disclosed.
- Keep missing or contested edges visible rather than treating absence as safety.

Authority states

State	What it permits	What it does not imply
Eligible	The displayed rules do not exclude the portfolio	That it is executable in the live operating environment
Conditional	The portfolio can be considered after a named condition resolves	That the missing prerequisite will pass
Proposed	A versioned response is ready for accountable review	Approval or execution
Authorized	A named accountable person approved a specific version	That every downstream task completed
Executed and confirmed	Evidence records what occurred	That the action caused the observed outcome

Data and learning boundaries

- Customer records remain customer-specific by default.
- Any de-identified structural reuse requires express authorization, defined purpose, versioning, review and a reversible record.
- Public demonstrations contain no customer data and do not authorize operational action.
- Security and compliance statements are published only when implemented and tested evidence supports them.

Technical review checklist

- Inspect the source trail and every degradation rule.
- Confirm that unknown states remain visible and decision-relevant.
- Test whether missing authority or prerequisites stop the proposal.
- Verify that the original decision survives revisions, authorization changes and later learning.

[Inspect the public method](#) | [Run the decision case](#)