

FIELD IQ SYSTEMS EXECUTIVE BRIEF

The event is over The review still has to be built

Post-mission evaluation support for training test experimentation and AAR

After a training event, test, or experiment, the team may already have movement records, observations, playback, maps, and other source material. The harder part is turning that material into a coherent first look at what happened.

Review teams still have to reconstruct movement, align time, check source quality, locate the records behind a question, and decide what the evidence can support. Field IQ helps move the team from raw completed-event movement data to a structured, evidence-linked starting point for review.

What Field IQ does today

Field IQ works from supported, structured, timestamped movement or location exports from completed events.

- Reconstructs the supported recorded path
- Organizes a validated relative event sequence
- Preserves source, record, timing, validation, provenance, and limitation facts
- Connects supported outputs to source-record and source-file identity
- Calculates neutral point-wise and maximum geometric separation when a valid supplied historical plan or approved reference route is available

Route comparison is descriptive. It does not decide whether movement was good, bad, compliant, acceptable, or mission effective. If required evidence is absent or invalid, Field IQ abstains or fails validation instead of turning missing evidence into a favorable result.

What the evaluation should test

Field IQ is intended to give the review team a stable first pass that can be inspected, challenged, and refined. A bounded evaluation should determine whether that starting point is useful in the team's real workflow.

- Does the source package meet supported input and handling requirements
- Can reviewers trace the output back to the relevant records and files
- Does the same supported package produce the same result under the same code, configuration, and runtime
- Does the output fit the existing review process
- Does it reduce reconstruction effort when measured against the current workflow

Where Field IQ fits

Field IQ sits after the event and alongside the systems the organization already uses. It works from supported completed-event exports. It does not replace systems of record, replay tools, GIS environments, reporting systems, or existing review workflows. It does not enter the live operational stack, direct activity, issue alerts, or alter source data.

Trust boundaries and evaluation fit

Field IQ is built to support human review without taking authority away from the people responsible for interpretation and decisions.

Field IQ is	Field IQ is not
• Post-mission and read-only • Deterministic under the same supported inputs, code, configuration, and runtime • Traceable to source records and exact source-file identity • Built to support evaluator judgment	• A real-time monitoring or command-and-control system • An autonomous decision aid or evaluator replacement • A readiness, grading, pass/fail, confidence, severity, or performance scoring system • A source of intent, causation, or operational recommendations

Start with a bounded evaluation

A practical first evaluation can use:

- One completed event
- One supported movement or location export
- One evaluator, analyst, or test-team review loop
- An optional valid historical plan or approved reference route when geometric comparison is relevant
- One repeatability check

The practical question is whether Field IQ gives the team a better starting point for review. Source fit is determined during evaluation before broader scope is considered.

Current capability at a glance

- Recorded-path and relative event-sequence reconstruction from supported completed-event movement data
- Concrete source and validation facts without generalized confidence scoring
- Source-record and source-file traceability
- Neutral plan-relative geometric separation when valid route evidence is supplied
- Explicit abstention and validation states when evidence does not support a result
- Human reviewers remain responsible for interpretation and decisions

Current status as of 8 September 2026

Field IQ has a functioning bounded implementation and repeatability evidence on supported controlled data.

Discuss Your Use Case

fieldiqsystems.com

If your team already collects structured movement or location data after training, testing, or experimentation, Field IQ Systems can determine whether the source package and review workflow fit a bounded evaluation. The current Capability Statement is available separately.