EBT Smart Debrief
Public Overview

Instructor-led assessment and debriefing support

EBT Smart Debrief is an instructor-support application designed around Evidence-Based Training and facilitated debriefing principles. It helps instructors structure assessment documentation and prepare a focused debriefing while preserving instructor authority throughout the process.

Built for instructors. Designed around evidence. Developed with ICAO EBT principles in mind.

Purpose

The application is intended to reduce the administrative burden around EBT assessment without automating the assessment itself. The instructor observes the performance, records the assessment and selects the Outcome. AI is then used only as a controlled support layer for text generation and debriefing preparation.

Instructor assessment -> protected processing -> consistency and integrity checks -> AI-assisted outputs -> instructor review

Instructor authority

The instructor remains responsible for the assessment and for the professional interpretation of observed performance. Competency levels, selected Observable Behaviours, Outcome, Progression, Recommendation, Instructor Focus and Instructor Free Text remain instructor-owned.

- AI does not automatically change the instructor-selected Outcome.
- Competency levels are not treated as mathematical scores and are not averaged to generate an Outcome.
- Generated text remains subject to instructor review before operational use.

Evidence-based generation

Generated content is grounded in the information entered or selected by the instructor. Instructor Free Text provides the principal qualitative description of observed performance, while selected Observable Behaviours provide structured supporting context.

The application is designed to prevent AI from turning structured selections into invented events. For example, selecting an Observable Behaviour related to automation may support a discussion about automation management, but does not by itself justify stating that a specific automation error occurred.

Safeguards around AI use

The application uses technical and procedural safeguards around AI generation so that the model operates within clearly defined boundaries rather than acting as an autonomous assessor.

- **Read-only assessment input.** AI receives a protected view of the relevant assessment data and does not write back into instructor-owned fields.
- **Consistency checks.** Potential contradictions between the selected Outcome and the recorded evidence are brought back to the instructor for review rather than resolved automatically by the AI.
- **Integrity checks.** If protected assessment information changes after generation, previous AI outputs are treated as outdated and must be regenerated before use.
- **No unsupported evidence.** AI is constrained from introducing unsupported events, causes, consequences, intentions, deterioration or training needs.
- **Conservative handling of ambiguity.** Where evidence is contradictory or unclear, the system is designed to require instructor review rather than assume a definitive interpretation.

Two distinct AI-assisted outputs

Final Assessment Narrative

A concise professional synthesis of the assessment evidence already recorded by the instructor. Its purpose is documentation support; it does not independently assess the trainee or derive the Outcome.

Instructor Debriefing Guide

A separate instructor-support product designed to assist a facilitated debriefing. It uses open and neutral questions, focuses discussion on a limited number of relevant themes and can show the assessment sources supporting those themes.

The Debriefing Guide is not a script and is not part of the official assessment record. The instructor remains responsible for feedback, corrections, learning points, conclusions and recommendations.

Separation of functions

Assessment, narrative generation and debriefing support are deliberately kept as separate functions. The debriefing-support process does not replace or rewrite the instructor's assessment decision.

Privacy and data minimisation

The application is designed to minimise unnecessary personal information in AI processing. Internal trainee references are preferred, and instructors are reminded not to enter names or licence numbers in Instructor Free Text.

What the application does - and does not do

It supports	It does not
Structured assessment documentation	Replace instructor judgement
Consistency and integrity checks	Automatically determine the Outcome
Professional narrative drafting	Create unsupported evidence
Facilitated-debriefing preparation	Conduct the debriefing for the instructor

Design philosophy

EBT Smart Debrief is not intended to automate Evidence-Based Training. It is intended to support selected documentation and preparation tasks around EBT while preserving a clear boundary between instructor assessment and AI assistance.

AI supports the instructor. It does not assess the trainee.

EBT Smart Debrief is not presented as an ICAO-certified product and does not replace operator procedures, instructor qualification requirements or applicable regulatory obligations.