

EON Situation Room Creator: From Watching to Proving

How Situation Room Creator brings every learning format into one course, gives a 360° view of competence, and lets every company build its own library



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Executive summary

Most workplace training measures the wrong thing. Quizzes live in one system, manuals in another and simulators in a third. So an employer ends up knowing who finished a course, not who can do the job safely. Building training around a company's own procedures and incidents is slow and expensive, and much of what is produced is never opened with any enthusiasm.

Situation Room Creator is designed to change all three. It builds on EON Situation Room, a live library of situations drawn from real industrial incidents, presented in a streaming-style interface, and adds four things:

- **Every format in one course.** A single course brings together the three main forms of knowledge transfer: assessments familiar from traditional learning management systems, written course materials paired with an AI mentor, and immersive simulation.
- **A 360° view of competence.** Tests, an AI oral interview and simulators that both teach and assess combine into one picture of what a person knows, can explain, can do, and understands. The certificate is issued only when every part has been passed.
- **Your own library, easily.** Each company gets a private, branded library alongside the public library of incidents. Guided steps turn documents, a short description, or a real incident into a finished course, with human review before publishing.
- **Built for how people learn today.** Posters, short preview clips, browsing by theme, and short sessions with an AI mentor on hand: an experience designed for how a new generation chooses and consumes content.

1. The problem: completion is not competence

Safety training has a job that most training doesn't: to stop people getting hurt. The International Labour Organization estimates that 2.93 million workers died from work-related causes in 2019, and that 395 million suffered non-fatal injuries at work.¹ Serious incidents rarely come down to a single missing fact. They involve procedures, equipment, organisation and human judgement under pressure. Training that is only read or clicked through prepares people for the rulebook, not for the day that doesn't go by the book.

Three weaknesses keep repeating:

Weakness	What it looks like	The consequence
Scattered formats	The quiz is in the learning management system, the manual is a PDF, and the simulator (if there is one) sits on its own platform	Nobody sees one picture of a person's competence
Completion over capability	Records show a course was finished and a test was passed	A pass on a multiple-choice test says little about whether someone can carry out a procedure under pressure
Generic content	Custom courses built from a company's own procedures and incidents take months, so companies settle for off-the-shelf material	Training feels distant from the site, the equipment and the real risks

A fourth weakness is harder to measure but just as real: attention. A workforce raised on streaming and short-form video expects to choose what it watches, see what something is about before committing, and learn in short, visual sessions. Long slide decks and walls of text lose that audience before learning begins.

2. Why start from what went wrong

People remember stories, especially stories about things going wrong. EON Situation Room is built on that. Each situation starts from a real incident pattern: what happened, why it happened, how often it happens, and what it cost. Only then does it move to the procedure that would have prevented it.

That order matters. A learner who has seen why a line must be vented before it is opened understands the rule. They are more likely to apply it on a day when something is slightly different from the manual. EON's simulators are built around the same distinction:

- **EON Genesis.** Follows the procedure step by step and teaches what to do.
- **EON Live.** Runs a physics-based scenario the learner can "break safely", and shows why each step exists: the trapped pressure, the overheating pump, the chain reaction.

3. What Situation Room Creator is

Situation Room Creator adds course building to Situation Room, so a company can create training as well as consume it.

	The public library	The company's own room
What it holds	Situations drawn from real industrial incidents and hazards, curated by EON, starting with oil and gas	The company's own courses, built from its procedures, manuals and incidents, or adapted from the public library
Who sees it	Every customer	Only that company's people
How it looks	Situation Room's streaming-style interface	The same interface, carrying the company's name, logo and colours

Every course is a single page of tiles, arranged in three rows: Learn, Practise and Prove it. The learner always sees where they stand: what is done, what is passed, and what is still to do.

4. One course, every format

Situation Room Creator brings together three forms of knowledge transfer that usually live apart:

Form of knowledge transfer	In Situation Room Creator	What the learner does
Traditional LMS-style assessment	Multiple-choice test (MCQ) with adaptive follow-up questions; oral interview with an AI interviewer	Answers questions that adjust to their responses; explains their reasoning out loud
Written materials with AI support	Course materials, plus Ask Brainy, an AI mentor	Reads and downloads the course document; asks the mentor questions about the course at any time

Simulation and immersive learning	EON Genesis (procedure), EON Live (physics-based scenario), EON-XR Infinite (immersive lessons)	Performs the procedure, breaks a scenario safely to see why, learns in immersive environments
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The simulators don't only teach. As they arrive during the beta, Genesis, EON Live and XR Infinite also serve as evaluations under Prove it, so the same experience that builds a skill also shows whether the skill is there.

Extending a course

In later stages of the beta, a course can be extended with further EON products where a company uses them:

Add-on	What it brings to a course
EON Tacit	Captures how a company's own experts handle a situation, before that know-how retires
Brainy Soft Skills	Practise the human side: stopping a job, a shift handover, an incident debrief
Field IQ	Verified steps at the real equipment, including offline
Assess IQ	Practical assessment in the real work environment
Permit IQ	Practice with the permit-to-work and isolation checks for the situation

Products a company has not licensed will appear in the course, marked as available upgrades, so everyone can see what a complete programme could include.

5. A 360° view of competence

Competence has several sides, and no single test captures all of them. Situation Room Creator is designed to measure each side with the format best suited to it:

Side of competence	Question it answers	Measured by
Know	Does the person know the facts and the rules?	MCQ with adaptive follow-up questions
Explain	Can they explain it in their own words?	Oral interview with an AI interviewer
Do	Can they carry out the procedure, step by step?	EON Genesis
Understand why	Do they understand what happens when a step is skipped?	EON Live
Perform	Can they apply it in an immersive setting?	EON-XR Infinite
In the field (add-ons, later in the beta)	Can they do it on the job, with real equipment and permits?	Field IQ, Assess IQ, Permit IQ

A certificate that means something

The certificate combines the results with a weighted score, and adds a rule that matters more than the weighting: every part must be passed on its own.

Part	Weight	Pass mark
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Multiple-choice test	20%	75% of the questions presented
Oral interview	30%	60%
Simulation	50%	60%

- **Example.** For example, a learner scoring 75% on the test, 70% in the interview and 70% in simulation receives an overall score of 71 and a certificate. A learner with an outstanding test score who fails the simulation does not.
- **Clear and specific.** The certificate lists what was assessed, and only the industry standards that belong to that course.
- **Adjustable.** Weights and pass marks are settings. A company can tune them to its own requirements.

6. Building your own library, easily

Situation Room Creator builds on the guided course builder EON customers already use, and extends it. An author can start in any of three ways:

- **From documents.** Upload the company's own documents: procedures, manuals, presentations. During the beta, company documents are enabled for each customer once data-handling terms are agreed.
- **From a description.** Describe the course in a few lines.
- **From a real incident.** Choose a real incident from the public library, and use it as it is or adapt it to the company's own site.

From there, guided steps take the author through the whole course:

Step	What happens
Process	The content is read, checked and cleaned of duplicates
Shape	The courses are identified, and each is anchored to a situation: what went wrong, why, and how to prevent it
Generate	AI drafts the course materials, lessons, assessment questions and the mentor's knowledge
Review	A named reviewer approves the content. Every fact shows where it came from: the company's document, a public source, or an AI draft
Present	A poster and short preview clip are produced for the course, so it looks at home in the streaming-style library
Activities	The assessments, mentor and certificate are set up, with a clear status for each
Score and publish	The author confirms the weighting and pass marks, and the course is published to the company's room

Human review is built in, not bolted on. For the most safety-critical courses, the design blocks publication until every AI-drafted fact has been reviewed.

7. Designed for how a new generation learns

A large and growing share of the workforce grew up with streaming services, short-form video and on-demand answers. Situation Room Creator borrows the conventions that audience already knows, and uses them for learning:

What people expect from media	How Situation Room Creator uses it
Browse and choose	Courses appear as posters in rows by theme, and the learner chooses what to open
See before committing	Every course has a poster and short preview clip that set up the situation, so the "why should I care" is answered first
Short, visual sessions	Tiles break a course into short activities: watch, try, ask, prove
Answers on demand	Ask Brainy is available inside every course
Visible progress	Tiles show what is done and passed, and the certificate shows exactly what remains
Collecting and completing	Unlicensed products appear as upgrades, and completed tiles build a visible record of achievement

The goal is motivation as well as compliance: training people want to start, because it looks and feels like the media they already choose to watch.

8. Built for enterprise trust

Commitment	How it is addressed in the design
Results you can rely on	Every part of a certificate must be passed on its own; the certificate lists exactly what was assessed
Human oversight	A named reviewer approves course content, and every fact carries its source
Private company content	A company's own courses and documents are visible only to that company
Provider choice and data handling	Each company can choose which video-generation providers may be used for its content. Data-handling and residency requirements are agreed with each beta customer before any of its documents are used
One learner record	Results from every product are designed to flow into the shared learner record EON is rolling out, which will give learners, instructors and administrators one view
Low-risk adoption	The Creator is introduced alongside existing EON products, without disrupting systems customers use today

9. Getting started

Situation Room Creator is available by invitation as a private beta. It succeeds EON's Custom Virtual Campus Builder. Beta features arrive in stages: company rooms, course pages, assessments and the course builder first, then simulation and add-on products. Existing EON customers will be able to bring their current courses into the Situation Room. To request an invitation, contact [contact]. [General availability and transition dates to be confirmed.]

About EON Situation Room

EON Situation Room is a streaming-style library of real industrial incidents for safety and operations training. Each situation explains what happened, why, how often it happens and what it cost, and connects the learner to the procedure, the simulation and the assessment that would have prevented it.

Sources

¹ International Labour Organization (ILO), A Call for Safer and Healthier Working Environments, 2023. Global estimates for 2019: 2.93 million work-related deaths and 395 million non-fatal occupational injuries.