

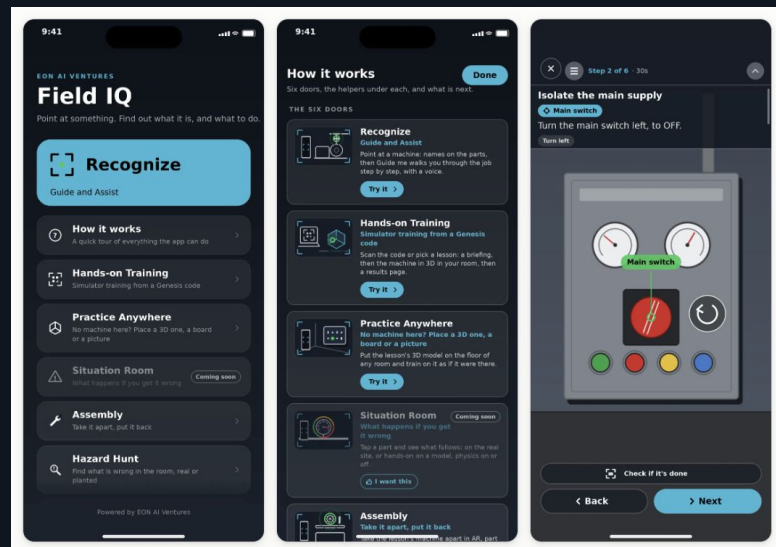


EON AI VENTURES

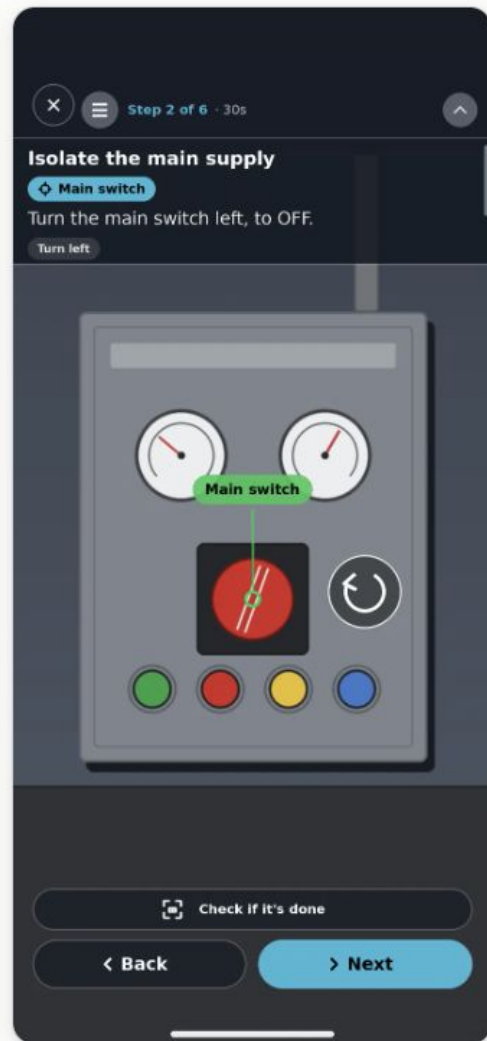
Field IQ Recognize

The new structure: six doors, the layers under them, and what comes when.

September 2026



What is built is in build 13. What is not is on the front door anyway, marked Coming soon, with an "I want this" button. No dates.



#	Use case	Function	Hardware	Input	Where it stands today
1	RECOGNIZE Guide and Assist Operations in the field: pre-flight with Permit IQ, real operations with guidance and assistance.	Recognize + assessment; catch the delta.	Phone or tablet handheld · phone + magnet, hands-free · phone + Ray-Ban Display as companion (the hand-off) · Quest in AR mode · AR glasses (to buy).	Permit IQ · SOP · P&ID · manual · handbook.	BUILT Handheld: Recognize, Guide me, Done that? Let me look, Watch me, permit, Measure, evidence pack. Build 13: Train AI, Inspect, your language. Not started: P&ID, hands-free, Quest, the glasses hand-off.
2	HANDS-ON TRAINING Simulator training from a Genesis code Show me · guide me · evaluate me · let me do it.	Hands-on training simulator in AR, triggered by the Genesis QR; assessment; catch the delta.	Phone or tablet, handheld or hands-free · HMD / AR glasses.	Genesis QR code · Situation Room · EON XR Infinite.	BUILT Build 12: QR → briefing → the model in the room → steps with highlights and voice → results. Needs the Genesis team: the camera app opening Field IQ. Not yet: the Field IQ language on the steps (animation at the part, callout cards).
3	PRACTICE ANYWHERE No machine here? Place a 3D one, a board or a picture Train or demo with no machine present.	Stand in for the machine: a raw 3D model placed in the room, and Field IQ names the components on it itself, as on the real thing · a big board (physical, printed, or on a screen) · a Gemini picture library.	Phone · AR glasses · HMD with AR (Quest).	3D models (GLB files, from Genesis or anywhere) · an image library generated with Gemini.	PARTLY A 3D model placed in any room is built (the lesson's model). Recognize on the raw model, boards as a library and the Gemini pictures: not started.
4	SITUATION ROOM What happens if you get it wrong Consequences, what-if, incident training, what could go wrong.	Two ways in: on a real site, recognize the equipment and apply the what-if to it, or hands-on, on an EON Live model, physics on or off. A Tacit accident scenario played through EON Live.	Same hardware.	EON Live · Situation Room · EON Tacit · what if.	NOT STARTED Nothing in the app. A what-if engine exists on another branch: EON Live, Situation Room and Tacit are declared, not connected.
5	ASSEMBLY Take it apart, put it back Overhaul, maintenance, repair: take it apart and build it back, with EON Assembly.	Take-apart and put-back guidance: a 3D model whose parts match, or smart: enough from the handbook to know what is under the cap.	Same hardware.	Handbook · a 3D model in sight (Genesis Assembly).	PARTLY Build 13: take apart and put back on the lesson's 3D twin (Maintain & Repair, done on the model, and it says so). A real machine, and Genesis Assembly (blocked on its API): not started.
6	HAZARD HUNT Find what is wrong in the room, real or planted Something that should not be there: a real hazard, or one planted for the drill.	Hazard screening: sweep the room before entering, or plant hazards in a normal room and find them.	Same hardware · EON Worlds for the environment.	Handbook · Situation Room · EON Worlds.	PARTLY Build 13: Inspect phase 1, findings on a machine. A room sweep, planted hazards and EON Worlds: not started.

Layers under every row: input modes (AI-ready · Train AI: my document · Train AI: find it for me) · Assess IQ Report (passive · active · immediate) · session library → Compound IQ · hands-free · phone + glasses · the guide

22 September 2026 · with Dan's corrections · the conclusions are docs/FIELDIQ_USE_CASE_CONCLUSIONS.md; the working notes docs/FIELDIQ_USE_CASE_MAP.md

One app, six doors

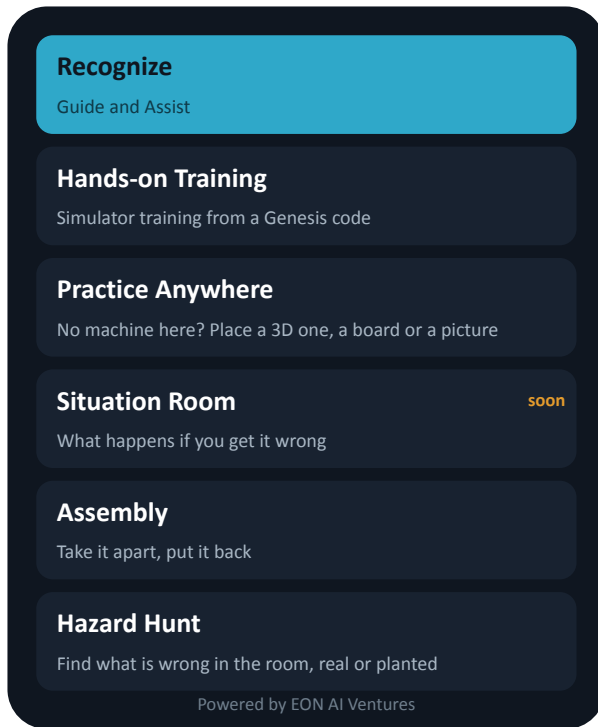
The front door lists use cases, not features

The problem. The front door grew one button per feature: Recognize, Procedures, Scan a code, Train AI, Machines. A worker had to know the features to know where to go.

The rule. Every door is a headline that says it instantly, and one line under it. "Recognize", and under it "Guide and Assist".

The same layers under every door. How the AI is fed, how the work is checked, and what it runs on do not change from door to door.

Honest about what is not there. A door that is not built is still on the front door, marked Coming soon. Tap "I want this" and it counts. Never a date.



The six doors

Headline, one line under it, and where each stands today



Recognize

Guide and Assist

Recognize, Guide me, Done that? Let me look, Watch me

BUILT



Hands-on Training

Simulator training from a Genesis code

QR → briefing → model in the room → steps → results

BUILT



Practice Anywhere

No machine here? Place a 3D one, a board or a picture

A 3D model placed in any room (the lesson's model)

PARTLY



Situation Room

What happens if you get it wrong

Nothing in the app yet; a what-if engine exists on a branch

COMING SOON



Assembly

Take it apart, put it back

Build 13: take apart and put back on the lesson's 3D twin (it says it is the model)

PARTLY



Hazard Hunt

Find what is wrong in the room, real or planted

Build 13: Inspect on a machine, findings pinned in red, amber and blue, add and dismiss

PARTLY



1. Recognize

BUILT

Guide and Assist

Point at a machine. It names the parts and pins them to the real thing. Then pick the job: guide me step by step, check my work, inspect it, run it from a permit.

Today

- Recognize, Guide me, Done that? Let me look, Watch me
- Run a job from a permit; Measure; the signed evidence pack
- Build 13: Train AI (manual, SOP, permit), Inspect, your language

Next

- P&ID as a source
- Hands-free on a magnet
- The hand-off to the glasses



2. Hands-on Training

BUILT

Simulator training from a Genesis code

Scan the Genesis code. The lesson opens in AR: briefing, the model in the room, steps with the part highlighted and a voice, results at the end. Show me, guide me, evaluate me, let me do it.

Today

- QR → briefing → model in the room → steps → results
- Procedures and Scan a code fold into this one door

Next

- The iPhone camera opening Field IQ (Genesis team: the link in the QR)
- The Field IQ language on the steps: motion at the part, callout cards
- The four Genesis modes as modes



3. Practice Anywhere

PARTLY

No machine here? Place a 3D one, a board or a picture

No machine in the room. A raw 3D model (a GLB file, from Genesis or anywhere) stands in for it, and Field IQ names the components on it itself, the way it does on the real thing. Or a big board, or a picture library made with Gemini.

Today

- A 3D model placed in any room (the lesson's model)

Next

- Recognize on the raw model
- Boards: printed, or on a screen, as a library
- A Gemini picture library



4. Situation Room

COMING SOON

What happens if you get it wrong

Consequences, what-if, incident training. Two ways in: on the real site, recognize the equipment and apply the what-if to it; or hands-on, on an EON Live model, physics on or off. A Tacit accident scenario played through EON Live.

Today

- Nothing in the app yet; a what-if engine exists on a branch

Next

- Connect EON Live, Situation Room and Tacit
- A proposal before a build



5. Assembly

PARTLY

Take it apart, put it back

Overhaul, maintenance, repair: take it apart and build it back, with EON Assembly. A 3D model whose parts match, or smart enough from the handbook to know what is under the cap.

Today

- Build 13: take apart and put back on the lesson's 3D twin (it says it is the model)

Next

- A real machine
- Genesis Assembly, once its API is open



6. Hazard Hunt

PARTLY

Find what is wrong in the room, real or planted

Hazard screening. Sweep the room before you go in, or plant hazards in a normal room for the drill and find them. Something that should not be there: a real hazard, or one planted for the drill.

Today

- Build 13: Inspect on a machine, findings pinned in red, amber and blue, add and dismiss

Next

- A room sweep, not one machine
- Planted hazards for the drill
- EON Worlds for the environment

The same layers under every door

How the AI is fed, how the work is checked, what it runs on



Sources: three ways to feed the AI

It already knows (AI-ready). My document: Train AI reads a manual, SOP or permit, later a P&ID. Find it for me: Train AI looks the document up.



Assess IQ report

What you did, checked: after the job (passive), at every step (active), or the moment it matters (immediate). The signed evidence pack is the record today.



Hardware

Phone or tablet in the hand. Phone on a magnet, hands-free. Phone plus Meta glasses. A headset. AR glasses when the right pair exists.



Session library

Every session kept, feeding Compound IQ.



How it works

The guide, reorganised as the table: one row per door, a picture, a Try it that jumps straight in.

Hold it, mount it, wear it

The phone does the AR; the glasses carry the voice



In the hand

Phone or tablet. Everything today.

BUILT



On a magnet

Hands free: loudspeaker, big text, the camera turned to the work. A switch inside Recognize.

COMING SOON



Phone + glasses

Recognize on the phone, then pocket it. The Meta glasses carry each step as voice, short text and one picture. A pinch or a word is Next.

COMING SOON



Headset

Quest in AR mode for Practice Anywhere and the Situation Room; AR glasses when the right pair exists.

COMING SOON

The hand-off needs nothing new between the devices: both already talk to our server. What waits is Meta's toolkit for the glasses' display and the wristband.

New in build 13

Merged this week; on TestFlight once Dan archives it



Train AI

Teach it from a manual, SOP or permit. Tick the steps, approve, run it as an approved procedure.



Inspect

Ask what is wrong. Findings pin to the parts in red, amber and blue; add or dismiss one; all in the evidence pack.



Maintain & Repair

Take the lesson's machine apart in AR and put it back, on the 3D twin. It says so on every step.



I want this

Every Coming soon row has a button. It asks once whether taps may be counted. Never a date.



Your language

Labels, steps and the voice come back in the language you pick. Buttons stay English for now.



Powered by EON AI Ventures

A quiet credit line on the front door, the guide and the results; the evidence pack names its producer.

#	Use case	Function	Hardware	Input	Where it stands today
1	RECOGNIZE Guide and Assist Operations in the field: pre-flight with Permit IQ, real operations with guidance and assistance.	Recognize + assessment; catch the delta.	Phone or tablet handheld · phone + magnet, hands-free · phone + Ray-Ban Display as companion (the hand-off) · Quest in AR mode · AR glasses (to buy).	Permit IQ · SOP · P&ID · manual · handbook.	BUILT Handheld: Recognize, Guide me, Done that? Let me look, Watch me, permit, Measure, evidence pack, Build 13: Train AI, inspect, your language. Not started: P&ID, hands-free, Quest, the glasses hand-off.
2	HANDS-ON TRAINING Simulator training from a Genesis code Show me · guide me · evaluate me · let me do it.	Hands-on training simulator in AR, triggered by the Genesis QR; assessment; catch the delta.	Phone or tablet, handheld or hands-free · HMD / AR glasses.	Genesis QR code · Situation Room · EON XR Infinite.	BUILT Build 12: QR → briefing → the model in the room → steps with highlights and voice → results. Needs the Genesis team: the camera app opening Field IQ. Not yet: the Field IQ language on the steps (animation at the part, callout cards).
3	PRACTICE ANYWHERE No machine here? Place a 3D one, a board or a picture Train or demo with no machine present.	Stand in for the machine: a raw 3D model placed in the room, and Field IQ names the components on it itself, as on the real thing · a big board (physical, printed, or on a screen) · a Gemini picture library.	Phone · AR glasses · HMD with AR (Quest).	3D models (GLB files, from Genesis or anywhere) · an image library generated with Gemini.	PARTLY A 3D model placed in any room is built (the lesson's model). Recognize on the raw model, boards as a library and the Gemini pictures: not started.
4	SITUATION ROOM What happens if you get it wrong Consequences, what-if, incident training, what could go wrong.	Two ways in: on a real site, recognize the equipment and apply the what-if to it, or hands-on, on an EON Live model, physics on or off. A Tacit accident scenario played through EON Live.	Same hardware.	EON Live · Situation Room · EON Tacit · what if.	NOT STARTED Nothing in the app. A what-if engine exists on another branch; EON Live, Situation Room and Tacit are declared, not connected.
5	ASSEMBLY Take it apart, put it back Overhaul, maintenance, repair: take it apart and build it back, with EON Assembly.	Take-apart and put-back guidance: a 3D model whose parts match, or smart enough from the handbook to know what is under the cap.	Same hardware.	Handbook · a 3D model in sight (Genesis Assembly).	PARTLY Build 13: take apart and put back on the lesson's 3D twin (Maintain & Repair, done on the model, and it says so). A real machine, and Genesis Assembly (blocked on its API): not started.
6	HAZARD HUNT Find what is wrong in the room, real or planted Something that should not be there: a real hazard, or one planted for the drill.	Hazard screening: sweep the room before entering, or plant hazards in a normal room and find them.	Same hardware · EON Worlds for the environment.	Handbook · Situation Room · EON Worlds.	PARTLY Build 13: Inspect phase 1, findings on a machine. A room sweep, planted hazards and EON Worlds: not started.

Layers under every row: input modes (AI-ready · Train AI: my document · Train AI: find it for me) · Assess IQ Report (passive · active · immediate) · session library → Compound IQ · hands-free · phone + glasses · the guide

22 September 2026 · with Den's corrections · the conclusions are docs/FIELDIQ_USE_CASE_CONCLUSIONS.md; the working notes docs/FIELDIQ_USE_CASE_MAP.md

What we do, in this order

Smallest step that unblocks the most, first. No dates.

1

Ship build 13

Pull, archive, upload. The team tests cards 21 to 26.

2

The new front door and guide

Six doors, Coming soon marked, I want this. How it works as the table with a picture and a Try it per row.

3

Genesis QR, end to end

The link in the QR and the site file (Genesis team); the export proxy; then the Field IQ language on the lesson steps.

4

Deploy the server halves

Inspect, Train AI and language on the perception service; the three backend pull requests.

5

Practice Anywhere

Recognize on the raw 3D model, then boards, then the Gemini picture library.

6

Hazard Hunt

A room sweep from Inspect, then planted hazards for the drill.

7

Assembly on a real machine

Needs Genesis Assembly's API; the twin stands in until then.

8

Situation Room

Needs EON Live and Tacit connected; a proposal first.

9

The layers, in parallel

The readable Assess IQ report; the magnet mode; the glasses hand-off; the remote expert after Dan's decision; the session library.

How you can help

Three things, all inside the app



Test build 13

The test card has numbered tests. Tell us the number and what you saw.



Tap I want this

On every Coming soon row. The taps decide the order of building.



Say where you got lost

If a door's name did not tell you what it was, that is the bug we most want.

Powered by EON AI Ventures