

## **EON Field IQ**

**Retiring Experts' Knowledge Delivered  
Directly to New Technicians via Smart  
Glasses**



## Table of Contents

<b>SECTION 1: EXECUTIVE SUMMARY</b> .....	<b>2</b>
<b>SECTION 2: THE PROBLEM/CHALLENGE</b> .....	<b>3</b>
<b>SECTION 3: THE SOLUTION</b> .....	<b>4</b>
Bridging the Knowledge Gap.....	5
Real-Time Verification and Escalation.....	5
Comprehensive Logging and Compliance.....	5
Integrated Within the Intelligence Flywheel.....	6
Trust and Safety by Design.....	6
<b>SECTION 4: KEY FEATURES/CAPABILITIES</b> .....	<b>7</b>
Delivery of Expert Procedures Through Meta Ray-Ban Display Smart Glasses.....	7
Photo-Based Verification Using Claude Sonnet 4.6.....	7
Real-Time Discrepancy Logging via Append-Only Audit Log.....	7
Generation of OSHA-, ATEX-, and API-Compliant Certificates.....	7
Integration with the Intelligence Flywheel.....	7
Safety-Centric Design.....	8
Pilot Availability and Supported Equipment.....	8
Building the Future of Industrial Work.....	8
<b>SECTION 5: HOW IT WORKS</b> .....	<b>9</b>
Procedural Guidance Through Smart Glasses.....	9
AI-Verified Documentation.....	9
Escalation for Ambiguities.....	9
Append-Only Audit Logs.....	9
Certification and Compliance.....	9
Integration with the Intelligence Flywheel.....	10
<b>SECTION 6: BENEFITS/OUTCOMES</b> .....	<b>10</b>
Seamless Knowledge Transfer.....	10
Enhanced Safety and Risk Mitigation.....	11
Operational Efficiency and Verifiable Compliance.....	11
Continuous Improvement Through the Intelligence Flywheel.....	11
Retention of Institutional Knowledge.....	11
Measurable Outcomes.....	12
<b>SECTION 7: CONCLUSION</b> .....	<b>12</b>
Bridging the Gap Between Expertise and Technology.....	12
Trust and Safety by Design.....	13
A Pivotal Station in the Intelligence Flywheel.....	13
Pilot Program and Future Opportunities.....	14
Revolutionizing Industrial Operations.....	14

## SECTION 1: EXECUTIVE SUMMARY

EON AI Ventures has unveiled **Field IQ**, an innovative **AI copilot** designed to tackle one of the most pressing challenges in heavy industry: the loss of operational expertise as senior operators retire in unprecedented numbers. Delivered through **Meta Ray-Ban Display smart glasses**, a **paired iPhone companion app**, and a **real-time supervisor dashboard**, Field IQ represents the fourth station of EON's **Intelligence Flywheel**, a transformative system that combines expert knowledge capture, AI-driven procedure delivery, and real-time performance verification to create a self-reinforcing loop of operational intelligence.

As industries grapple with the impending retirement of nearly 50% of senior operators within the next 5-7 years, Field IQ offers a groundbreaking solution to ensure that critical expertise does not disappear but is instead operationalized and delivered directly to the next generation of workers. Built on EON's **25-year-old Genesis substrate**, Field IQ seamlessly bridges the gap between retiring experts with decades of experience and junior technicians facing high-stakes scenarios, where errors could have catastrophic consequences.

At the core of Field IQ's functionality is its ability to deliver step-by-step **AI-verified procedures** directly to a worker's field of view. For example, a field worker equipped with **Meta Ray-Ban Display smart glasses** sees each step of a safety-critical procedure while performing their tasks. Using **Claude Sonnet 4.6**, the system analyzes photos of completed steps taken by the worker, returning a **pass-or-retry** verdict within **ten seconds**. This ensures that every action adheres to the exact requirements of the procedure, minimizing the risk of mistakes. Each decision made by Field IQ is recorded in an **append-only audit log**, providing an immutable record of compliance for supervisors and trainers. Upon completion of a task, workers receive a **signed PDF certificate** that is **OSHA-, ATEX-, and API-audit-ready** by default, reinforcing trust and safety in industrial operations.

Field IQ also integrates seamlessly into EON's broader ecosystem, earning its place as a critical station in the **Intelligence Flywheel**. This seven-station framework transforms enterprise operations into proprietary intelligence that cannot be replicated by competitors. Field IQ specifically addresses the "Deploy" station of the flywheel, ensuring that governed procedures developed through **Genesis** and scaled by **Scenario Factory** are reliably executed in the field. Combined with other stations like **Assess IQ**, which verifies worker competency, and **Compound IQ**, which sharpens procedures based on discrepancies, Field IQ plays an indispensable role in creating a self-improving operational system.

In addition to its functional capabilities, Field IQ is built around three architectural guarantees that prioritize trust and safety:

1. **It checks itself first:** Independent agents rigorously attempt to disprove new procedures before they go live, ensuring only validated processes are deployed.
2. **It asks when unsure:** On safety-critical steps, Field IQ escalates to a human supervisor when uncertainty arises, avoiding any risk of error through bluffing.

3. **Everything is on the record:** Every action, decision, and outcome is logged, providing a comprehensive audit trail that aligns with industry-specific safety frameworks.

Field IQ is now entering limited pilot availability as part of the **90-day Human 2.0 Engagement (H2O)** program. This pilot phase is restricted to **ten anchor industrial enterprises**, offering preferred pricing, executive sponsorship, and early access to further flywheel advancements. The first supported equipment is the **DAC Worldwide #811 Lockout/Tagout Trainer**, with a **verbatim 10-step LOTO procedure** derived from OSHA standards already operationalized through **Genesis tooling**.

With Field IQ, EON AI Ventures is not just delivering a product; it is redefining the future of industrial workforce capability. By capturing the judgment of retiring experts and delivering it directly to workers in the field, Field IQ ensures that enterprises remain resilient in the face of workforce transformations. As a cornerstone of the **Human 2.0 Operating System**, Field IQ exemplifies EON's vision of creating intelligent systems that drive measurable outcomes, including reduced time-to-competency, enhanced knowledge retention, and improved safety compliance.

## SECTION 2: THE PROBLEM/CHALLENGE

Heavy industries are facing a critical challenge: the rapid loss of expertise as senior operators retire en masse. Over the next 5-7 years, approximately 50% of these seasoned professionals — individuals with decades of operational judgment — will leave the workforce. This exodus creates an alarming gap, as their institutional knowledge remains largely unwritten and inaccessible to the next generation of workers. Junior technicians, often with less than a year of experience, are being thrust into high-stakes roles where mistakes can result in catastrophic outcomes. In this environment, existing generative AI solutions fall woefully short. While capable of delivering 80% accuracy, they are insufficient for **safety-critical steps**, where even a single confidently wrong decision can lead to injury, loss of life, or significant financial damage.

This challenge is exemplified by scenarios like the retirement of a 30-year lead operator named Sam, whose judgment is irreplaceable. When Sam leaves, his knowledge walks out the door, leaving technicians like Maria — just eight months into the role — to navigate complex procedures without the benefit of decades of nuanced expertise. Maria may be capable and eager, but no traditional training program can transfer 30 years of judgment in time for her next shift. The stakes are high: whether it's managing a high-pressure valve, performing a lockout/tagout procedure, or handling hazardous energy frames, the margin for error is razor-thin.

Raw generative AI lacks the reliability needed for such high-stakes environments. While it can process vast amounts of data and offer general recommendations, it cannot address the ambiguity inherent in real-world industrial tasks. A generative AI system might confidently suggest an incorrect action at a safety-critical juncture, leading to disastrous consequences. For enterprises operating in domains governed by **OSHA-, ATEX-, and API-audit**

**standards**, these risks are unacceptable. What's needed is a system that combines the precision of AI with the oversight of human judgment, ensuring that errors are minimized and safety remains paramount.

This is precisely the gap that **Field IQ** is designed to close. Through its integration with **Meta Ray-Ban Display smart glasses** and **Claude Sonnet 4.6**, Field IQ delivers **AI-verified procedures** directly to the technician's field of view, ensuring that each step is performed accurately and safely. For example, when Maria photographs a closed ball valve, Field IQ evaluates the image against the procedure's **governed 3D step-by-step instructions**. If the photo doesn't meet the exact requirements, Field IQ asks Maria to retake it before advancing to the next step. On particularly ambiguous or safety-critical steps, the system escalates to a human supervisor rather than risking an incorrect action.

Field IQ also addresses the broader challenge of knowledge retention and operational scalability. Built on EON's **25-year-old Genesis substrate**, it captures expert judgment as a governed procedure that can be delivered consistently across an enterprise. Tools like **Scenario Factory** enable the rapid authoring of thousands of procedures for an entire plant, not just individual tasks. This scalability ensures that the judgment of retiring experts is preserved and operationalized for future generations of workers.

Moreover, Field IQ prioritizes trust and safety through its architectural guarantees:

- **It checks itself first:** New procedures undergo rigorous validation by independent agents before being deployed, ensuring only accurate and reliable processes are used in the field.
- **It asks when unsure:** On safety-critical tasks, Field IQ escalates to a human supervisor rather than bluffing through uncertainty, minimizing the risk of errors.
- **Everything is on the record:** Every action and decision is logged in an **append-only audit log**, creating a transparent and immutable record that aligns with industry safety standards.

Field IQ is not just a tool; it is a solution to one of the most pressing challenges in heavy industry. By capturing the expertise of retiring operators and delivering it directly to technicians through **AI-powered smart glasses**, Field IQ ensures that enterprises can maintain operational excellence even as their workforce changes. In high-stakes environments where mistakes are not an option, Field IQ stands as the bridge between what experts know and what the workforce can do.

## SECTION 3: THE SOLUTION

As industries face an unprecedented wave of retirements among expert operators, the challenge of transferring decades of accumulated knowledge to a younger, less experienced workforce becomes increasingly urgent. **Field IQ**, launched by EON AI Ventures, provides a

groundbreaking solution to this pressing issue, enabling enterprises to bridge the gap between retiring experts and incoming technicians. By leveraging cutting-edge AI-powered technology, **Field IQ** ensures procedural accuracy, operational compliance, and safety—all critical priorities in high-stakes environments.

## Bridging the Knowledge Gap

The departure of experienced operators represents more than just a loss of manpower; it signifies the erosion of irreplaceable institutional knowledge. Consider the scenario where a senior operator with **thirty years of judgment** retires, leaving behind procedures and insights rarely documented comprehensively. For the **eight-month technician** tasked with handling the night shift, replicating this expertise is nearly impossible through conventional training. This gap poses significant risks, particularly in safety-critical operations where even minor errors can lead to catastrophic consequences.

**Field IQ** addresses this challenge through an innovative deployment model: expert-authored procedures are delivered directly to field workers via **Meta Ray-Ban Display smart glasses**, ensuring real-time access to vital knowledge. This AI-powered **copilot for industrial field workers** acts as a bridge, putting the judgment of retiring experts literally "on every worker's face."

## Real-Time Verification and Escalation

The solution goes beyond simple knowledge transfer. **Field IQ** ensures procedural compliance and accuracy through photo-based verification powered by **Claude Sonnet 4.6**. For example, when a technician photographs a closed ball valve during a procedure, the AI evaluates the image against a **governed 3D step-by-step procedure** and provides immediate feedback—either a pass or a request to retry. This verification process occurs in roughly **ten seconds**, ensuring minimal disruption to workflow while maintaining high standards of accuracy.

If the system detects ambiguity or uncertainty in a **safety-critical step**, it escalates the issue to human supervision rather than proceeding with potentially incorrect actions. This "ask when unsure" principle guarantees that the AI never bluffs, prioritizing trust and safety.

## Comprehensive Logging and Compliance

Every action performed using **Field IQ** is meticulously logged via an **append-only audit log**. This log captures timestamps, photos, and verdicts, creating a transparent and irreversible record of procedural execution. At the conclusion of each session, the system generates a **signed PDF certificate** that is **OSHA-, ATEX-, and API-audit-ready by default**, ensuring compliance with industry regulations.

This robust logging capability not only supports operational audits but also builds trust by providing enterprises with a verifiable record of every decision made in the field. The result is an architecture designed to uphold the highest standards of safety and accountability.

## **Integrated Within the Intelligence Flywheel**

**Field IQ** does not function as a standalone product but as a critical station within EON AI Ventures' **Intelligence Flywheel**—a self-reinforcing loop that transforms enterprise operations into proprietary intelligence. The flywheel begins with **Genesis**, which captures expert judgment and converts it into **governed 3D step-by-step procedures**. These procedures are then delivered to workers using **Field IQ**, verified through **Assess IQ**, and continuously improved via **Compound IQ**.

By positioning **Field IQ** as the "Deploy" station within this ecosystem, EON AI Ventures ensures that procedural excellence feeds back into the enterprise's operations, creating a cycle of perpetual improvement.

## **Trust and Safety by Design**

Safety is foundational to **Field IQ**'s architecture. The system is built on three guarantees:

1. **It checks itself first:** New procedures undergo rigorous adversarial verification before being published, ensuring reliability.
2. **It asks when unsure:** The AI escalates ambiguous steps to human supervision, eliminating the risk of confidently wrong decisions.
3. **Everything is on the record:** Every action is logged, mapped to regulatory frames, and **audit-ready by default**.

This trust-centric design ensures that **Field IQ** never compromises safety in pursuit of efficiency, making it an indispensable tool for industries where lives and reputations are on the line.

## SECTION 4: KEY FEATURES/CAPABILITIES

### Delivery of Expert Procedures Through Meta Ray-Ban Display Smart Glasses

**Field IQ** transforms how industrial procedures are executed by delivering **governed 3D step-by-step procedures** directly to workers' field of view via **Meta Ray-Ban Display smart glasses**. This hands-free solution ensures that technicians have immediate access to the expertise they need, even in the most demanding environments. The seamless integration of AI-generated guidance into wearable technology represents a major leap forward in workforce capability.

### Photo-Based Verification Using Claude Sonnet 4.6

At the heart of **Field IQ** is its photo-based verification system powered by **Claude Sonnet 4.6**. Workers photograph each step of a procedure, and the system evaluates the image against a predefined **verification prompt**, delivering a verdict—either pass or retry—within **ten seconds**. This rapid feedback loop ensures procedural accuracy and minimizes the risk of errors, enabling technicians to progress confidently through even complex tasks.

### Real-Time Discrepancy Logging via Append-Only Audit Log

To maintain transparency and accountability, **Field IQ** logs every action performed in the field in an **append-only audit log**. This log captures key details such as timestamps, photos, and verification results, creating an irreversible record of procedural execution. Supervisors can access this log in real time via the **real-time supervisor dashboard**, enabling proactive oversight and immediate intervention when necessary.

### Generation of OSHA-, ATEX-, and API-Compliant Certificates

Compliance is a critical concern in industrial operations, particularly in safety-critical environments. At the completion of each session, **Field IQ** generates a **signed PDF certificate** that is **OSHA-, ATEX-, and API-audit-ready by default**. These certificates offer enterprises a streamlined method for demonstrating regulatory compliance during audits, simplifying what is often a complex and time-consuming process.

### Integration with the Intelligence Flywheel

**Field IQ** is a pivotal station within EON AI Ventures' **Intelligence Flywheel**, which captures expert judgment, delivers it to workers, verifies execution, and feeds back improvements. By

functioning as the "Deploy" station, **Field IQ** ensures that the procedures authored by **Genesis** and refined by tools like **Compound IQ** are effectively implemented on the ground. This integration guarantees continuous improvement, transforming enterprise operations into proprietary intelligence no competitor can replicate.

## Safety-Centric Design

Safety is a cornerstone of **Field IQ**'s design philosophy. The system incorporates multiple safeguards to ensure that its AI-powered assistance never compromises worker safety:

- **Adversarial verification** ensures that new procedures are rigorously tested before going live.
- **Human escalation** on ambiguous steps prevents the AI from making potentially harmful decisions.
- **Transparent logging** creates a verifiable record of every action, ensuring compliance with regulatory frames such as **OSHA**, **ATEX**, and **API**.

## Pilot Availability and Supported Equipment

**Field IQ** is available for limited pilot deployment as part of EON's **90-day Human 2.0 Engagement (H2O)**. This pilot program is restricted to **ten anchor industrial enterprises** and offers early access to the platform's capabilities, preferred pricing, and executive sponsorship.

The first equipment supported is the **DAC Worldwide #811 Lockout/Tagout Trainer**, utilizing a **verbatim 10-step LOTO procedure** derived from DAC Course 811-500 and the **OSHA 29 CFR 1910.147 hazardous-energy frame**. Additional equipment families, including **arc-flash PPE**, **confined-space entry**, and **hot-work permitting**, are queued for authoring via **Genesis**.

## Building the Future of Industrial Work

By delivering expert-authored procedures through wearable technology, verifying execution in real time, and ensuring compliance through automated certification, **Field IQ** represents the future of industrial work. Integrated within the **Human 2.0 Operating System**, it empowers enterprises to navigate the challenges posed by workforce transitions, ensuring safety, accuracy, and operational excellence.

## SECTION 5: HOW IT WORKS

**Field IQ** is an innovative AI-driven solution designed to bridge the gap between retiring experts and the incoming workforce. At the core of its functionality is the seamless integration of cutting-edge technologies such as **Meta Ray-Ban Display smart glasses**, **Claude Sonnet 4.6**, and a **real-time supervisor dashboard**, all working together to ensure procedural accuracy and compliance in industrial environments.

### Procedural Guidance Through Smart Glasses

A worker equipped with **Meta Ray-Ban Display smart glasses** receives step-by-step instructions directly in their field of view. These instructions are derived from **governed 3D step-by-step procedures** authored via **Genesis**, which effectively captures expert judgment and converts it into actionable workflows. The smart glasses allow workers to focus on their tasks without being distracted by manual documentation or referring to external resources.

### AI-Verified Documentation

To document their actions, workers photograph their work using the smart glasses. These images are processed and verified by **Claude Sonnet 4.6**, which evaluates the photographs against the **verbatim verification prompts** embedded in the procedure. Within approximately **ten seconds**, the AI provides feedback in the form of a "pass" or "retry" verdict. This rapid evaluation ensures that workers are adhering to safety-critical steps without delays in their workflow.

### Escalation for Ambiguities

When the AI encounters uncertainties or ambiguities—particularly in safety-critical procedures—it does not attempt to make assumptions. Instead, **Field IQ** triggers an escalation to a human supervisor via the **real-time supervisor dashboard**, ensuring that no step is completed without proper oversight. This feature adheres to Field IQ's foundational principle that the AI must never bluff its way through a step that could compromise safety.

### Append-Only Audit Logs

Every action performed by the worker is captured in an **append-only audit log**, which includes timestamps, photographs, and AI verdicts. This log is accessible to trainers and supervisors in real time, ensuring transparency and traceability from start to finish. The logged data is essential for compliance and audit-readiness, meeting the standards of **OSHA**, **ATEX**, and **API** frameworks by default.

### Certification and Compliance

Upon completion of a session, **Field IQ** generates a **signed PDF certificate** that verifies the worker's adherence to prescribed procedures. These certificates serve as proof of compliance and are automatically filed for future audits or inspections. For instance, the initial supported

equipment, the **DAC Worldwide #811 Lockout/Tagout Trainer**, includes a **verbatim 10-step LOTO procedure** aligned with OSHA's hazardous-energy guidelines.

## **Integration with the Intelligence Flywheel**

Field IQ operates as part of EON's broader **Intelligence Flywheel**, a **self-reinforcing loop** that captures expert judgment, delivers it to workers, verifies actions, and iteratively refines procedures. Each action logged by Field IQ feeds into the Flywheel, enabling tools like **Compound IQ** to sharpen procedural accuracy with every captured discrepancy. This integration ensures that knowledge transfer is not only seamless but continuously improving, creating an enterprise intelligence system that evolves with every use.

In essence, **Field IQ** transforms industrial fieldwork by embedding expert judgment into real-time operations, leveraging AI for verification, and ensuring compliance through meticulous documentation. The system's design prioritizes safety, transparency, and continuous refinement, making it a critical tool for enterprises navigating workforce transitions in the AI era.

## **SECTION 6: BENEFITS/OUTCOMES**

**Field IQ** delivers transformative benefits for industrial enterprises, addressing critical challenges posed by workforce transitions, safety concerns, and procedural compliance. By leveraging AI-powered tools, **Field IQ** provides measurable outcomes that enhance operational efficiency, ensure knowledge retention, and safeguard against risks associated with human errors.

### **Seamless Knowledge Transfer**

One of the most pressing issues in heavy industry is the impending retirement of senior operators with decades of expertise. When these experts leave, their invaluable judgment often goes undocumented, leaving enterprises vulnerable to knowledge gaps. **Field IQ** bridges this gap by capturing expert-authored procedures via **Genesis** and delivering them directly to new technicians through **Meta Ray-Ban Display smart glasses**.

For example, the procedure authored by a retiring expert last week is immediately accessible to a junior technician working the night shift today. This seamless transfer of knowledge ensures that institutional expertise is preserved and operational continuity is maintained, even during workforce transitions.

## Enhanced Safety and Risk Mitigation

Safety is paramount in industrial operations, where mistakes can have life-threatening consequences. **Field IQ** addresses this concern with robust safeguards built into its architecture:

- **AI copilot** functionality ensures that every procedural step is verified against predefined prompts, reducing the risk of human error.
- The system's ability to **escalate to human supervisors** during ambiguous or safety-critical steps prevents AI from making potentially hazardous decisions.
- **Append-only audit logs** and **signed PDF certificates** provide verifiable proof of compliance with safety standards like **OSHA**, **ATEX**, and **API**, ensuring audit-readiness by default.

These features collectively contribute to a safer work environment, minimizing risks while empowering workers to perform their tasks with confidence.

## Operational Efficiency and Verifiable Compliance

By automating procedural verification and compliance documentation, **Field IQ** significantly reduces the time and effort required for training and oversight. Workers can complete tasks more efficiently, while supervisors gain real-time visibility into field operations through the **real-time supervisor dashboard**. The logged data feeds into EON's **Intelligence Flywheel**, enabling tools like **Compound IQ** to refine procedures with every iteration, ensuring continuous improvement.

Additionally, the system's ability to generate **signed PDF certificates** eliminates administrative burdens associated with manual compliance tracking. Enterprises benefit from streamlined workflows and reduced overhead, allowing them to focus on core operations.

## Continuous Improvement Through the Intelligence Flywheel

**Field IQ** is not a standalone product but a critical station within EON's **Intelligence Flywheel**, a **self-reinforcing loop** designed to turn enterprise operations into proprietary intelligence. By feeding logged data into the Flywheel, **Field IQ** contributes to the iterative refinement of procedures, making them sharper and more reliable over time. This continuous improvement ensures that enterprises remain competitive, with intelligence systems tailored to their unique operational needs.

## Retention of Institutional Knowledge

By capturing and delivering expert judgment in real-time, **Field IQ** helps enterprises retain institutional knowledge that might otherwise be lost due to workforce turnover. This capability is particularly crucial as the industrial sector faces the challenge of 50% of its workforce retiring within the next 5-7 years. With **Field IQ**, enterprises can ensure that the

expertise of their senior operators lives on, embedded into actionable workflows accessible to every worker.

## Measurable Outcomes

The benefits of **Field IQ** are not just theoretical but quantifiable. Enterprises adopting the system can expect improvements in key metrics such as:

- **Time-to-competency:** Reduced onboarding time for new workers thanks to accessible, expert-authored procedures.
- **Knowledge retention:** Preservation of critical expertise through governed workflows and continual refinement.
- **Safety compliance:** Verifiable adherence to OSHA-, ATEX-, and API standards, minimizing safety risks and audit penalties.

In summary, **Field IQ** empowers industrial enterprises to navigate workforce transitions with confidence, ensuring safety, efficiency, and continuous improvement. By embedding expert judgment into field operations and leveraging AI for verification, **Field IQ** transforms the way knowledge is transferred, tasks are performed, and outcomes are achieved.

## SECTION 7: CONCLUSION

Field IQ is more than just a product; it is a transformative milestone in industrial workforce operations and a cornerstone of EON AI Ventures' **Intelligence Flywheel**. With its ability to bridge the gap between retiring experts and newer technicians, Field IQ embodies the company's mission to deliver **AI-powered workforce solutions** that ensure trust, safety, and unparalleled operational precision. By deploying **Field IQ** through **Meta Ray-Ban Display smart glasses**, supported by a robust **real-time supervisor dashboard** and a **paired iPhone app**, EON AI Ventures has redefined how industrial knowledge is retained, transferred, and applied on the field.

### Bridging the Gap Between Expertise and Technology

The imminent retirement of senior operators with decades of experience poses an existential risk for industrial enterprises. When the most critical knowledge resides in the hands of experts, and only a fraction of it is documented, the departure of such individuals creates operational vulnerabilities that traditional training cannot address. **Field IQ** closes this gap by bringing the expertise of seasoned operators directly to the field worker—in real time—ensuring that no critical step is missed.

For example, a retiring operator's last-authored procedure is made instantly accessible to new technicians via **Meta Ray-Ban Display smart glasses**, allowing them to perform tasks with expert guidance literally in their line of sight. Paired with **Claude Sonnet 4.6**, which verifies

the accuracy of each step in just **ten seconds**, Field IQ ensures that every action taken aligns precisely with the procedure's **governed 3D step-by-step framework**.

## Trust and Safety by Design

In high-stakes industrial environments, accuracy is non-negotiable. **Field IQ** is engineered with three foundational guarantees that reinforce trust and safety:

- 1. It checks itself first:** Before a new procedure is published, **adversarial verification** ensures that the procedure withstands rigorous scrutiny. Only validated procedures are deployed.
- 2. It asks when unsure:** On safety-critical steps where ambiguity arises, Field IQ escalates to a human supervisor rather than proceeding with uncertain AI input. This ensures that the system never bluffs—a critical safeguard in hazardous environments.
- 3. Everything is on the record:** Every decision and action is logged in an **append-only audit log**, which is **OSHA-, ATEX-, and API-audit-ready by default**. Additionally, a **signed PDF certificate** is generated for each completed session, providing enterprises with provable compliance and operational integrity.

By putting these principles into practice, **Field IQ** does not merely augment human capability—it operates as a trusted partner in environments where errors can cost lives or jeopardize organizational safety standards.

## A Pivotal Station in the Intelligence Flywheel

The launch of Field IQ marks the completion of the fourth station in EON's **Intelligence Flywheel**, a **self-reinforcing loop** designed to capture expert judgment, deliver it to workers, verify outcomes, and continuously improve operational procedures. Field IQ plays the crucial role of ensuring that **governed procedures** meet workers at the exact moment they are needed, making it the bridge between knowledge capture through **Genesis** and competency verification via **Assess IQ**.

Each station of the flywheel builds upon the previous one, amplifying the intelligence of the enterprise with every cycle. From **Scenario Factory**, which authors thousands of procedures overnight, to **Compound IQ**, which sharpens procedures by learning from discrepancies captured in the field, the flywheel turns an enterprise's operations into proprietary intelligence no competitor can replicate. Field IQ is indispensable to this vision, ensuring that procedures are not only captured but executed and refined in real-world settings.

## Pilot Program and Future Opportunities

Field IQ enters **limited pilot availability** today as part of EON's **90-day Human 2.0 Engagement (H2O)**, offering select enterprises the opportunity to be at the forefront of AI-driven operational transformation. The pilot program is restricted to **ten anchor industrial enterprises** in 2026, providing participants with executive sponsorship, preferred pricing, and early access to future stations of the flywheel.

The initial rollout supports the **DAC Worldwide #811 Lockout/Tagout Trainer**, featuring a **verbatim 10-step LOTO procedure** aligned with **OSHA 29 CFR 1910.147 hazardous-energy standards**. Additional equipment families, including **arc-flash PPE**, **confined-space entry**, and **hot-work permitting**, are already queued for authoring through EON's **Genesis** tooling. This ensures that Field IQ will continue to expand its capabilities across diverse industrial applications, offering enterprises a scalable solution that meets their evolving needs.

## Revolutionizing Industrial Operations

Field IQ is not merely a product—it is a pivotal component of EON AI Ventures' **Human 2.0 Operating System (H2O)**. By combining cutting-edge AI technologies with rigorous safety standards and real-time operational intelligence, Field IQ empowers enterprises to transition into the AI era without compromising trust or safety. As generative AI accelerates beyond the capacities of traditional training methods, Field IQ ensures that industrial field workers remain equipped to perform with 100% precision, even in the most high-stakes environments.

EON AI Ventures invites enterprises to explore the transformative potential of **Field IQ** and the **Intelligence Flywheel** by joining the pilot program. Together, we can redefine industrial operations, turning every shift into a compounding cycle of improvement and intelligence.