



EON WORK INTELLIGENCE

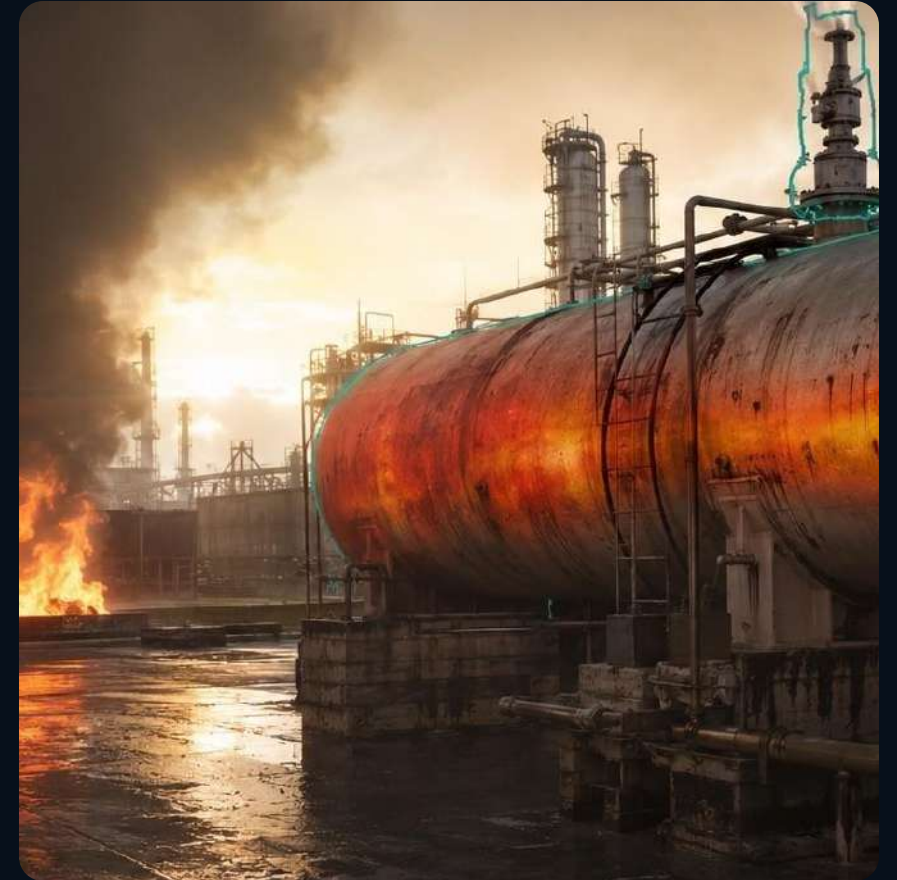
The enterprise capability to capture operational reality, guide work, measure outcomes, and compound governed expertise.



Foreword: the next enterprise system manages expertise

General knowledge is becoming universal; operational expertise remains unique.

- **Competitive advantage increasingly comes from applying knowledge inside a specific operating context.**
- Industrial expertise lives across people, procedures, engineering practices, Digital Twins, operating history, and safety standards.
- The objective is not to replace people or engineering judgment. It is to make trusted expertise a governed, continuously improving enterprise asset.
- Every enterprise manufactures products. The next generation will also manufacture intelligence.



Executive summary

Work Intelligence connects operational reality, field execution, evidence, learning, and controlled release.

- **EON captures reality through the Digital Twin and delivers mission-specific guidance through Field IQ and Field IQ Edge.**
- Assess IQ measures what happened; Compound IQ identifies patterns and proposes what the enterprise may be able to learn.
- The Distillery refines proposed learning, updates the correct repository or model, and manufactures the next Mission Intelligence Package.
- Customer memory, EON reusable knowledge, and replaceable reasoning models remain separate by design.



The platform at a glance

Each capability has a distinct responsibility in the Work Intelligence loop.

CAPTURE

Genesis, Recognition, Living Library, Smart Components, Configurator, Digital Twin, EON Live, Situation Room

DELIVER

Field IQ and Field IQ Edge bring bounded Mission Intelligence to the executor.

MEASURE

Assess IQ reconstructs work and extracts the Operational Delta.

LEARN

Compound IQ identifies recurring patterns and proposes evidence-backed improvements.

GOVERN

Ownership, risk, confidence, provenance, and human authority determine what may change.

RELEASE

The Distillery versions approved truth and manufactures the next mission package.



THE NEXT ENTERPRISE PLATFORM

PART I

Why Work Intelligence becomes a new system of record

The enterprise already manages resources, customers, products, and assets. The missing capability is governed operational expertise.



The missing enterprise system

Existing systems retain pieces of operational reality, but not the complete context of work.

ERP

Resources, transactions, procurement, inventory, and operations.

CRM

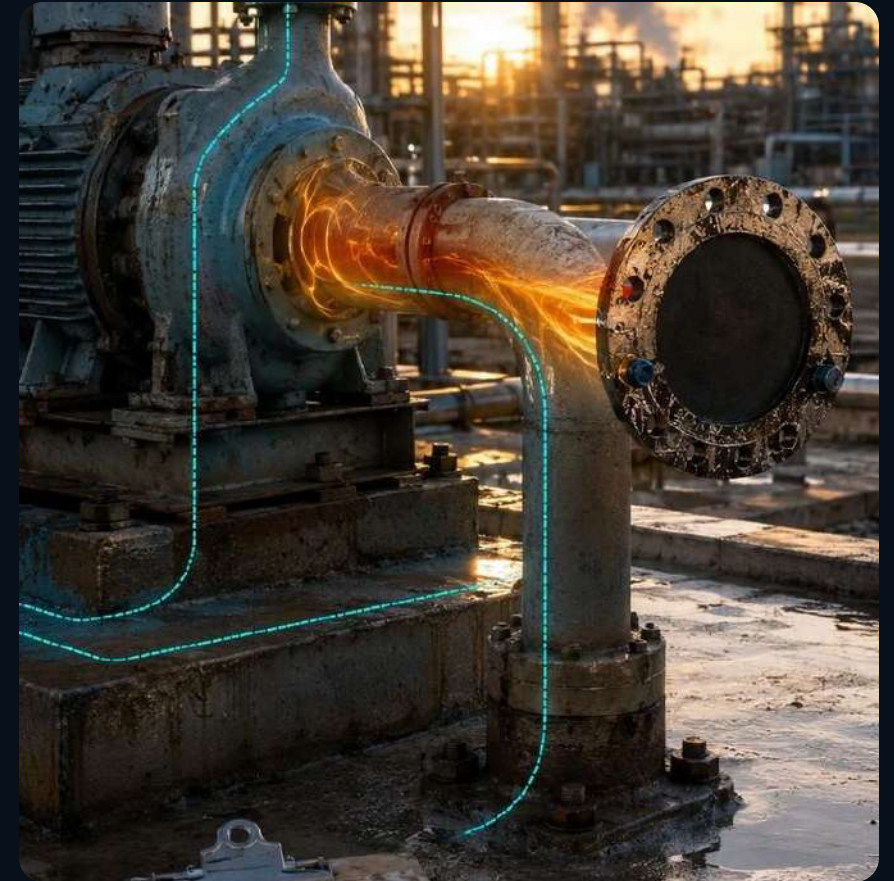
Customer relationships, service history, and engagement.

PLM + DIGITAL TWIN

Product and asset lifecycle, geometry, configuration, and state.

WORK INTELLIGENCE

Asset context + approved action + evidence + consequence + learning.



From Artificial Intelligence to Work Intelligence

A useful industrial answer must be more than plausible.

- **General AI explains what is broadly true; it does not automatically know a specific asset, configuration, history, procedure, or authority level.**
- Work Intelligence connects general reasoning to approved enterprise sources, operational relationships, safety constraints, and field experience.
- The transition is not away from AI. It is the evolution from general capability to trusted enterprise capability.



Three layers of intelligence

Each layer answers a different question.

GLOBAL INTELLIGENCE

What is generally known? Broad language, science, engineering, mathematics, and reasoning.

WORK INTELLIGENCE

What is true and approved for this enterprise? Assets, procedures, history, standards, and lessons.

MISSION INTELLIGENCE

What does this executor need now? One task, asset, context, permission set, and evidence contract.



Operational truth must remain governed memory

Models reason over memory; they are not the permanent system of record.

- **Exact asset relationships, procedures, operating limits, evidence, and approved changes belong in versioned repositories.**
- Models can be replaced as capability, cost, licensing, and deployment needs change.
- The durable asset is the integrated system: memory, workflows, evidence, evaluations, packages, and customer relationships.



CAPTURE OPERATIONAL REALITY

PART II

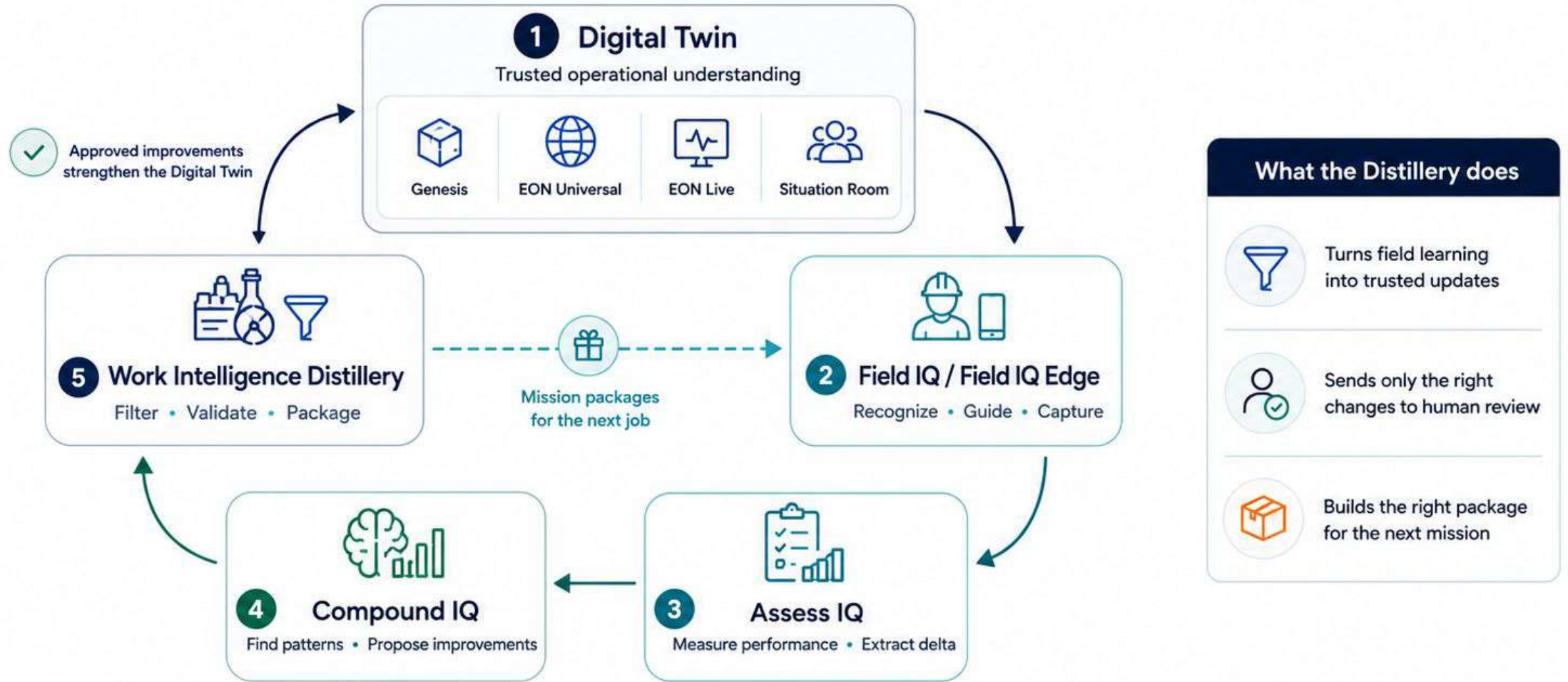
The EON Digital Twin is the foundation

The platform begins by recognizing assets, organizing reusable components, configuring relationships, and adding behavior, procedures, and scenarios.



The EON Work Intelligence Flywheel

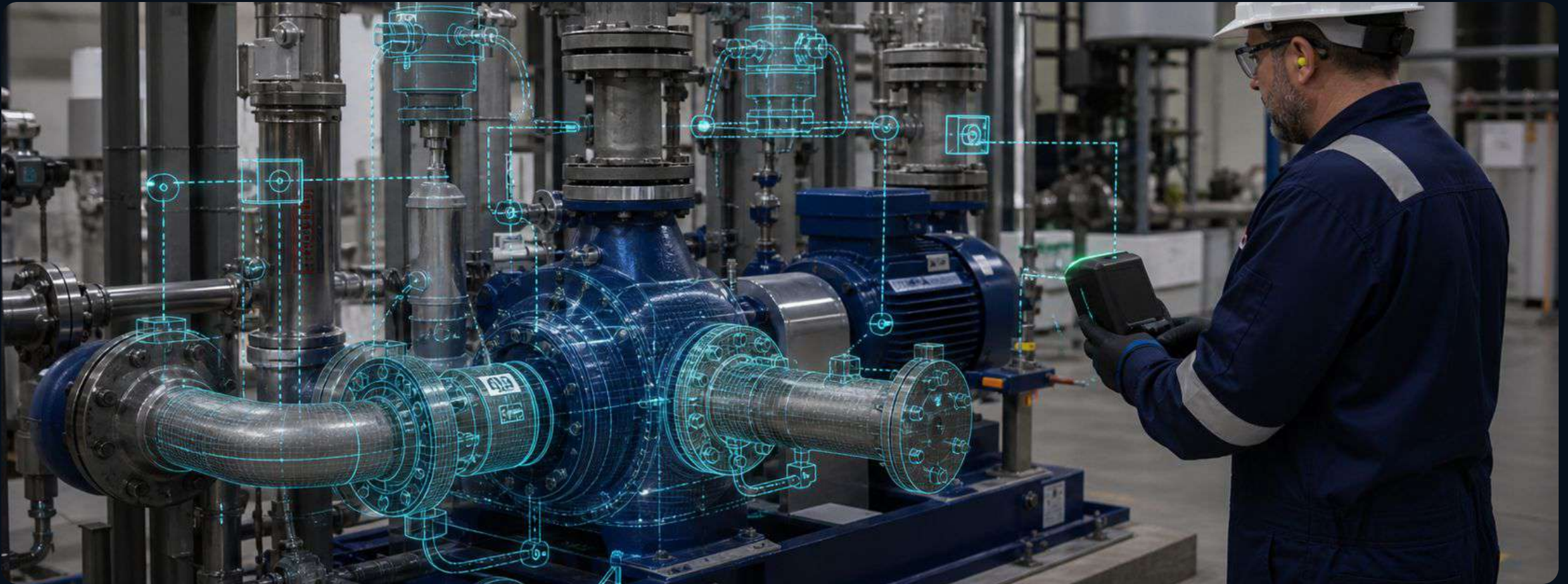
From Digital Twin to Field Learning and Back



The flywheel compounds Work Intelligence over time.

The Digital Twin captures operational composition—not only appearance

The model must know what equipment exists, how it connects, how it behaves, and which intelligence applies.



Genesis makes approved procedures understandable and executable

The governed procedure remains consistent across training and operational delivery.

- **Author structured procedures, guided experiences, checks, branches, and evidence requirements.**
- Deliver the same governed content through desktop, mobile, immersive, and spatial environments.
- Preserve procedure authority while improving comprehension, consistency, and accessibility.



EON Universal recognizes the facility and its relationships

Recognition answers more than “what am I looking at?”

- Identify equipment family, components, tags, and relevant facility context from imagery and engineering sources.
- Connect the recognized asset to its function, surrounding system, approved procedures, and available intelligence.
- Use recognition as an entry point into governed operational understanding—not as a standalone classification result.



The Living Library turns equipment families into reusable intelligence

A reusable industrial library supports recognition, configuration, simulation, procedures, and guidance.

- **Store geometry, recognition views, dimensions, surface detail, named subcomponents, cutaways, and connection anchors.**
- Preserve industry-specific terminology, safety practice, standards, and procedure logic.
- Grow through use: encounter, recognize, capture variation, verify, add, and reuse.



Smart Components combine identity, structure, and behavior

Intelligence is attached to operationally meaningful components.

IDENTITY

Equipment family, tag, role, and recognizable features.

STRUCTURE

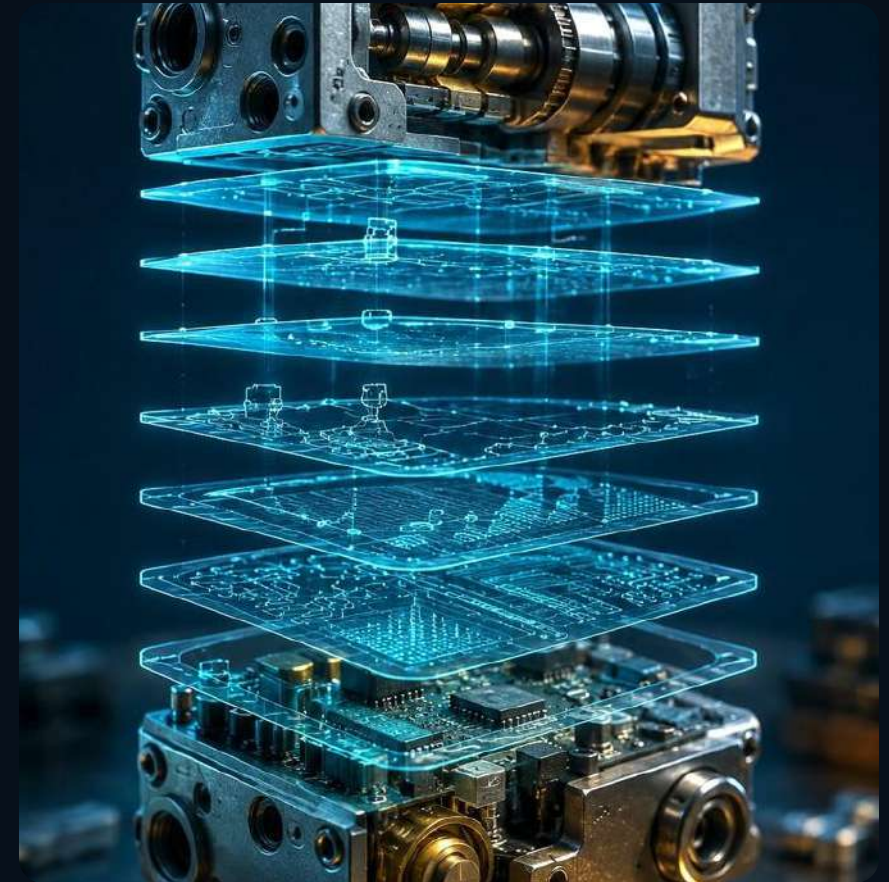
Named subcomponents, ports, interfaces, and connection rules.

BEHAVIOR

States, responses, operating limits, and failure modes.

WORK CONTEXT

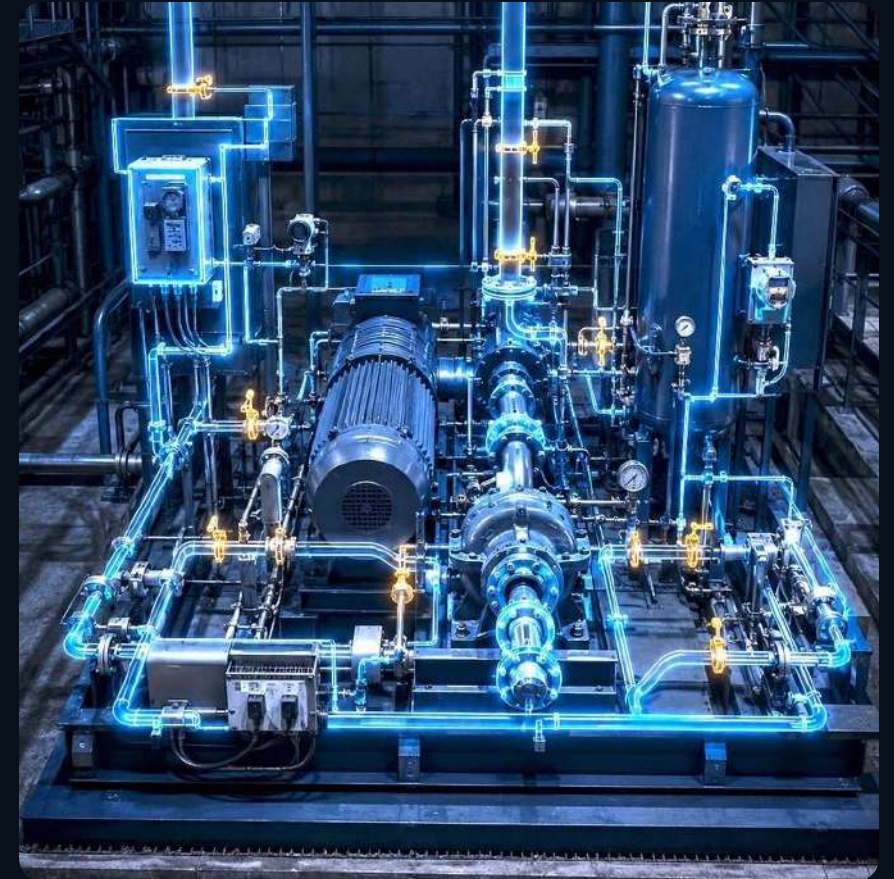
Procedures, inspections, evidence, hazards, and relevant lessons.



The Configurator assembles components into a facility graph

Instances and connections create the operational context required for work.

- Build from P&IDs, photographs and Recognition, engineering datasets, existing 3D models, or combined sources.
- Record which components are present, where they are located, how ports connect, and what passes between them.
- Create a shared model that supports training, review, field guidance, assessment, and future machine execution.



The Digital Twin emerges from relationships across the facility

Operational intelligence does not reside inside one 3D object.

- **The Twin connects assets, configuration, procedures, state, history, behavior, and context.**
- It can answer what supplies a pump, where discharge flows, which valves isolate it, and which sources can re-pressurize it.
- The interface may change, but asset identity and relationships remain consistent.



EON Live executes the Twin as a behaving system

Simulation fidelity must match the decision being supported.

AWARENESS

Credible behavior for orientation and basic understanding.

OPERATIONAL REHEARSAL

Dependable relationships and consequences for procedure practice.

ENGINEERING USE

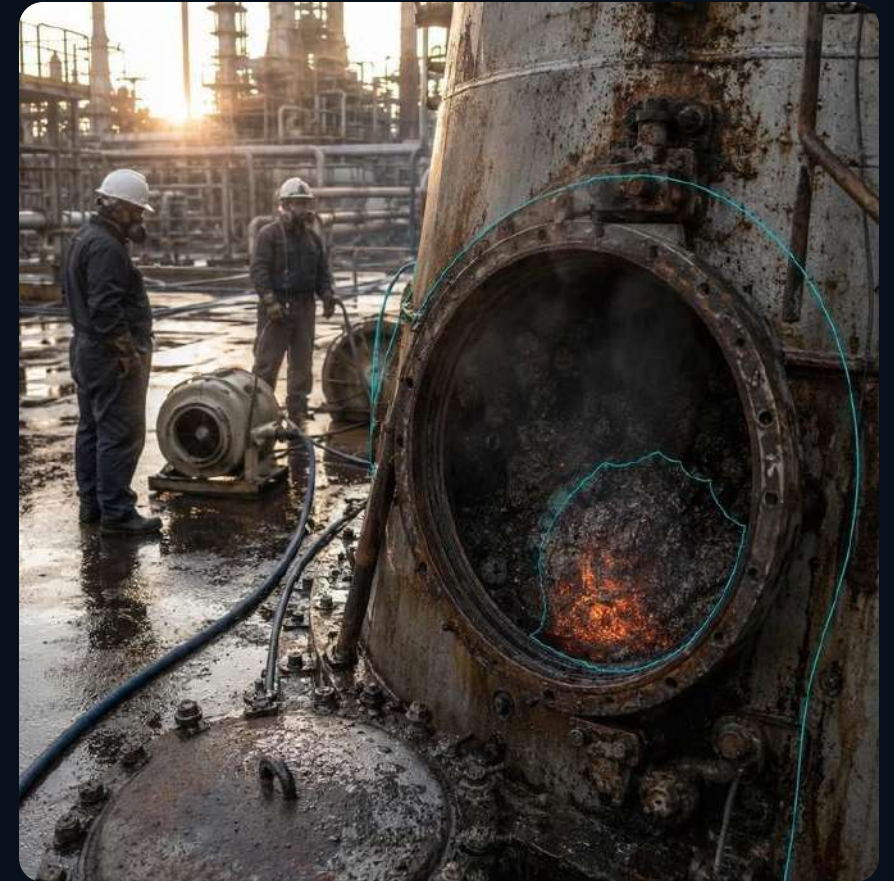
Validated quantitative models for decisions that require higher fidelity.



Situation Room converts operational history into repeatable practice

Scenarios test judgment under abnormal conditions.

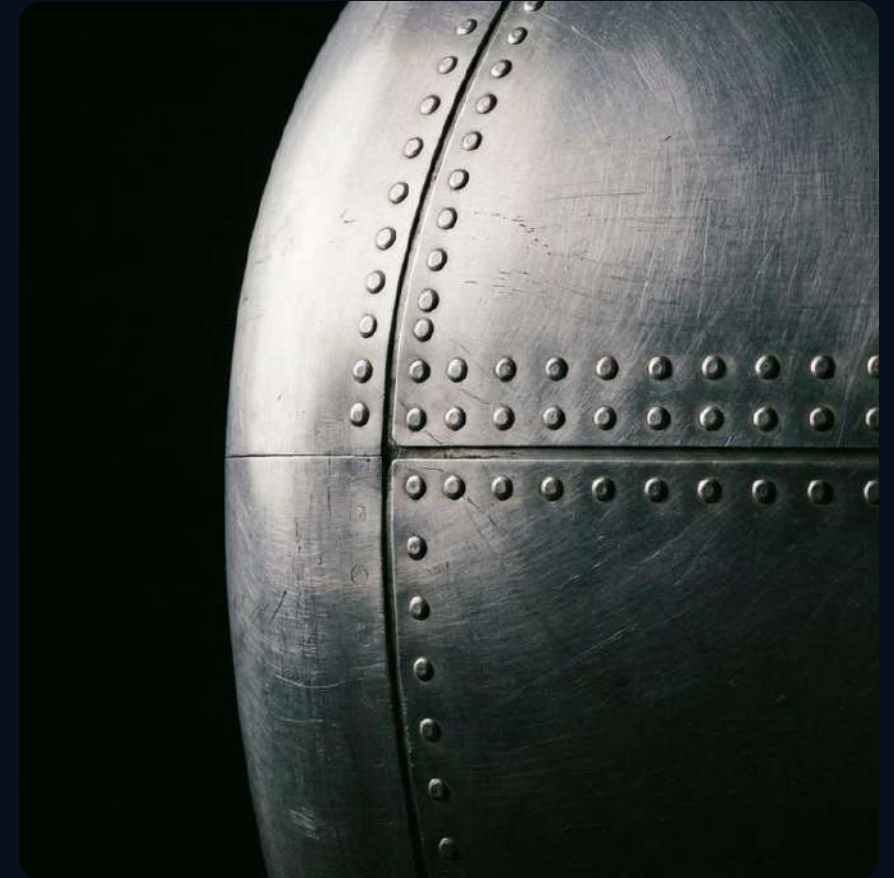
- Explain what happened, why it mattered, how equipment and physics produced the outcome, and which decisions could interrupt the sequence.
- Increase difficulty by reducing guidance, tightening time margins, obscuring faults, or introducing cascading conditions.
- Measure whether the worker identified the problem, trusted the right information, stabilized the system, and stopped when necessary.



Field IQ places operational understanding in the worker's hands

The enterprise retains more than a completed work-order status.

- **Recognize the asset and retrieve the relevant Twin context, approved procedure, and operating constraints.**
- Guide execution while capturing observations, evidence, exceptions, and decisions.
- Retain which asset was serviced, which procedure version was used, which conditions were verified, and what actually happened.



Field IQ Edge carries a bounded mission into disconnected work

The deployed artifact is a Mission Intelligence Package—not merely a smaller model.

- **Package the relevant Twin Subgraph, workflow, safety gates, local knowledge, recognition, OCR, speech, and evidence contract.**
- Bind the package to customer, site, role, work order, equipment, device, connectivity condition, and risk.
- Synchronize returned evidence through the approved path when connectivity becomes available.



Field IQ Edge delivers trusted intelligence where connectivity cannot

Recognition, workflow, evidence, and deterministic controls travel together in the bounded mission package.



PART III

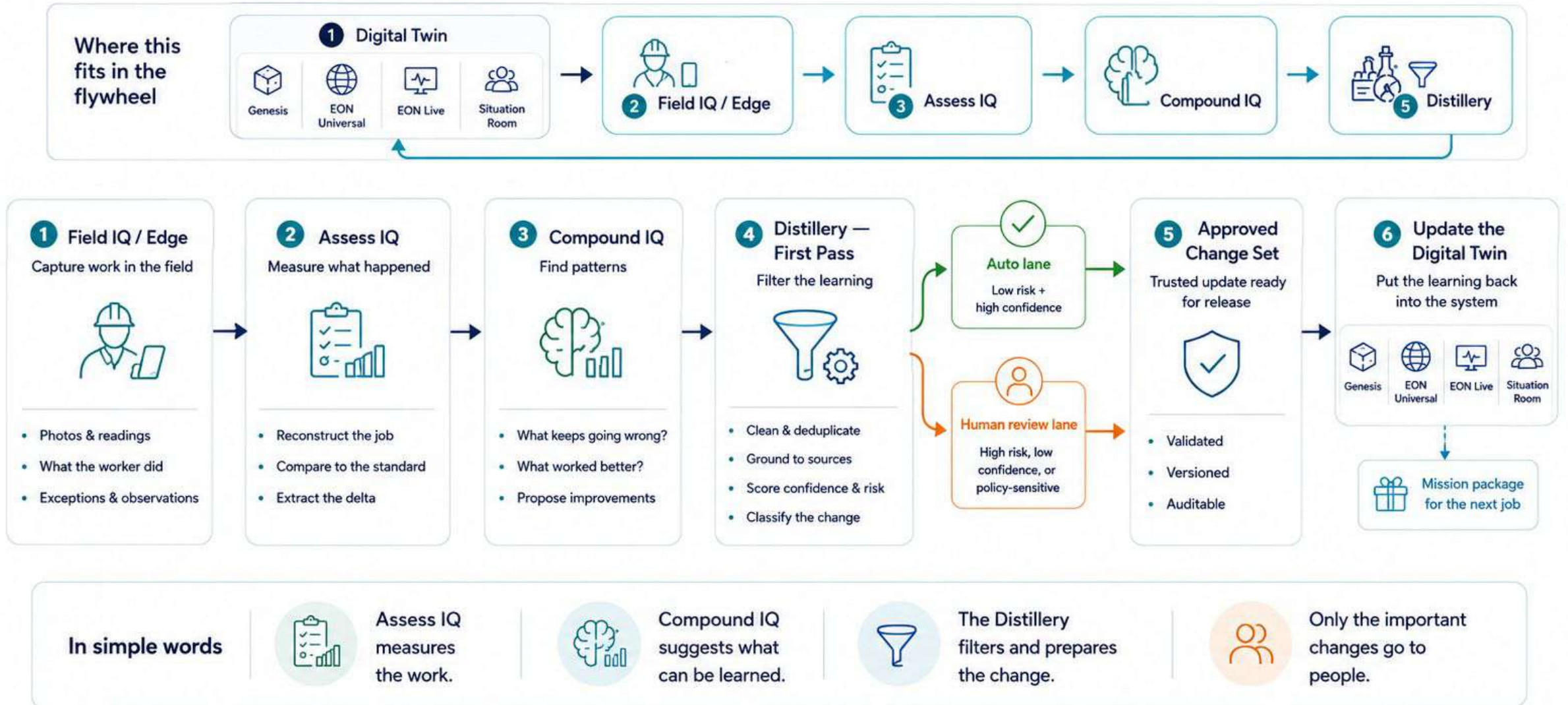
Experience becomes a controlled release

Assess IQ measures. Compound IQ proposes.
Governance approves. The Distillery refines, versions,
and manufactures the next mission.



Zoom-in: How Field Learning Improves the Digital Twin

From field evidence to approved updates and better mission packages

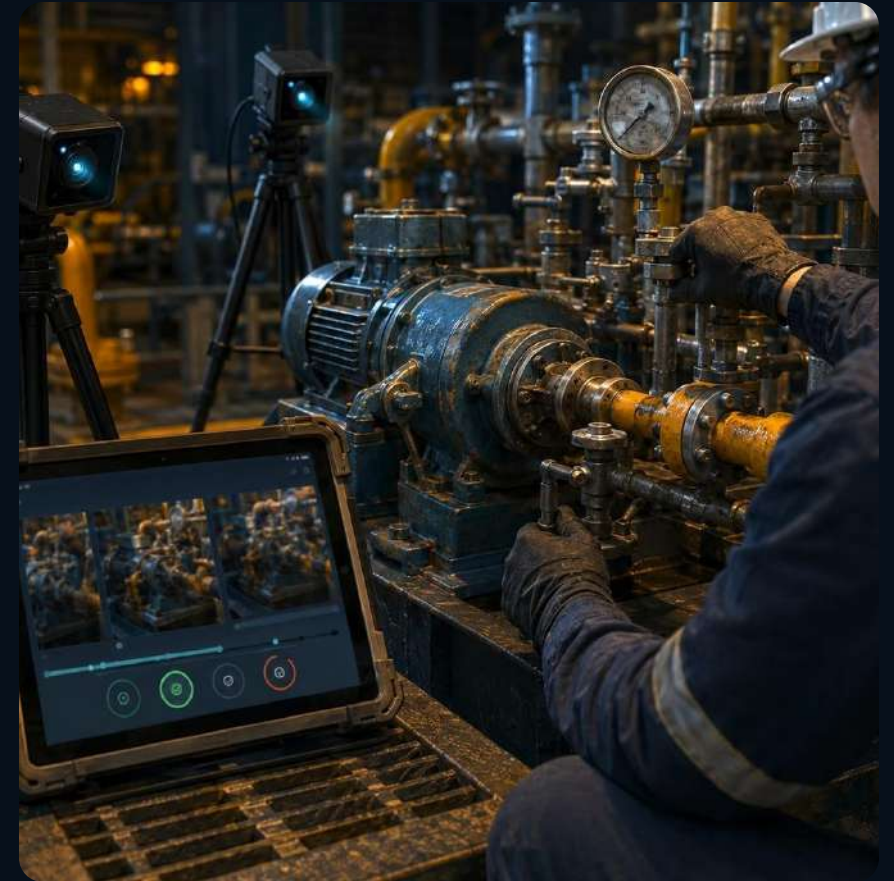


Better learning goes back into the Digital Twin, and better mission packages go back to the field.

Capture expertise while real work is performed

The expert demonstration becomes evidence only when it remains connected to context and standards.

- **Record sequence, timing, actions, equipment interactions, observations, and physical evidence.**
- Compare performance with the approved procedure, engineering requirements, safety policy, customer standards, and expected Twin state.
- Preserve enough context to reconstruct why the action was correct, exceptional, incomplete, or unsafe.



Operational expertise becomes visible, reviewable evidence

Expert demonstration is captured with the asset, procedure, sequence, context, and outcome needed for assessment.



Assess IQ reconstructs what happened

Assessment turns execution evidence into a defensible comparison.

- **Identify the asset, actor, procedure version, authorized objective, sequence, evidence, and outcome.**
- Compare actual execution with the Gold Standard, approved workflow, expected Twin state, and evidence contract.
- Separate missing evidence from incorrect work; uncertainty must remain explicit.



The Operational Delta is the raw material of learning

The delta is the meaningful difference between expected and observed work.

NEGATIVE DELTA

Missed steps, incorrect identity, unsafe sequence, incomplete evidence, or poor outcome.

POSITIVE DELTA

A better method, useful adaptation, earlier detection, or improved result.

CONTEXTUAL DELTA

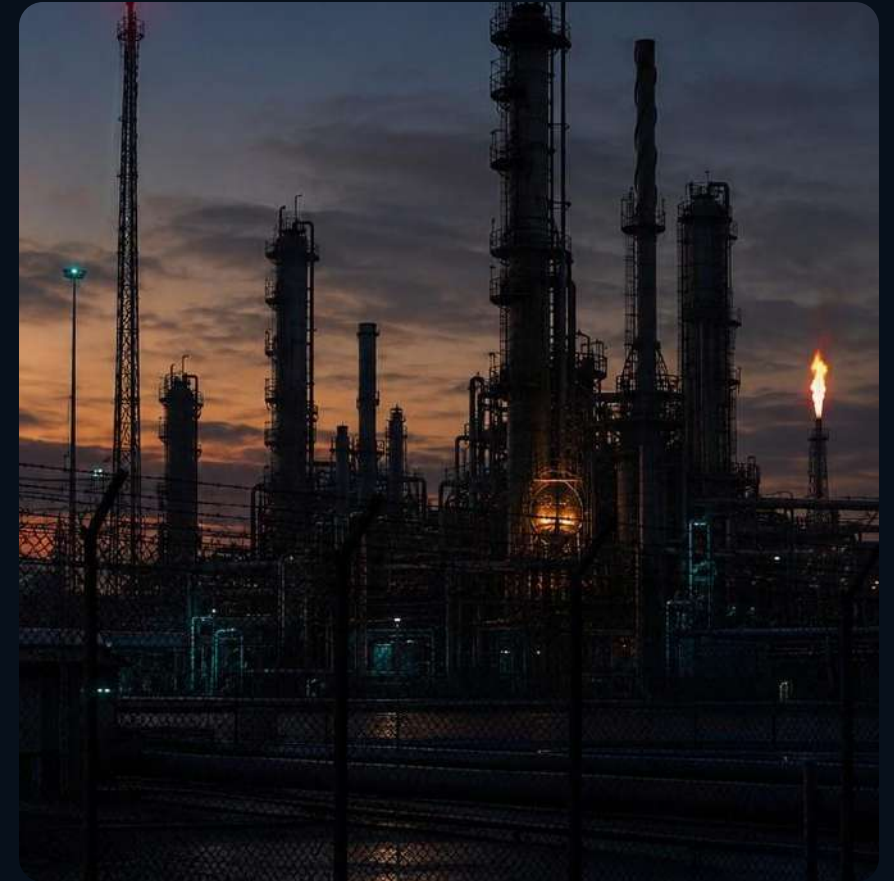
A legitimate facility, asset, environmental, or mission variation that changes the work.



Compound IQ looks across deltas for patterns

The objective is to explain why variation recurs and what may need to change.

- **Group similar deltas across workers, missions, assets, sites, and time.**
- Estimate novelty, confidence, consequence, generalizability, and evidence quality.
- Produce a proposal—not an automatic rewrite of operational truth.



A proposal may improve many parts of the platform

Learning can change the relevant asset, procedure, simulation, or assessment object.

PROCEDURE

Revise a Genesis workflow or clarify a checkpoint.

ASSET MODEL

Improve a Smart Component, variation, recognition model, or configuration.

BEHAVIOR

Add an EON Live failure mode or Situation Room scenario.

ASSESSMENT

Strengthen an Assess IQ benchmark or evidence requirement.

FIELD DELIVERY

Modify a Field IQ workflow or Edge package.



The Distillery is the manufacturing system for trusted intelligence

It is not the Digital Twin, not Compound IQ, not a language model, and not a database.



1. Where the Distillery Sits in the Big Picture

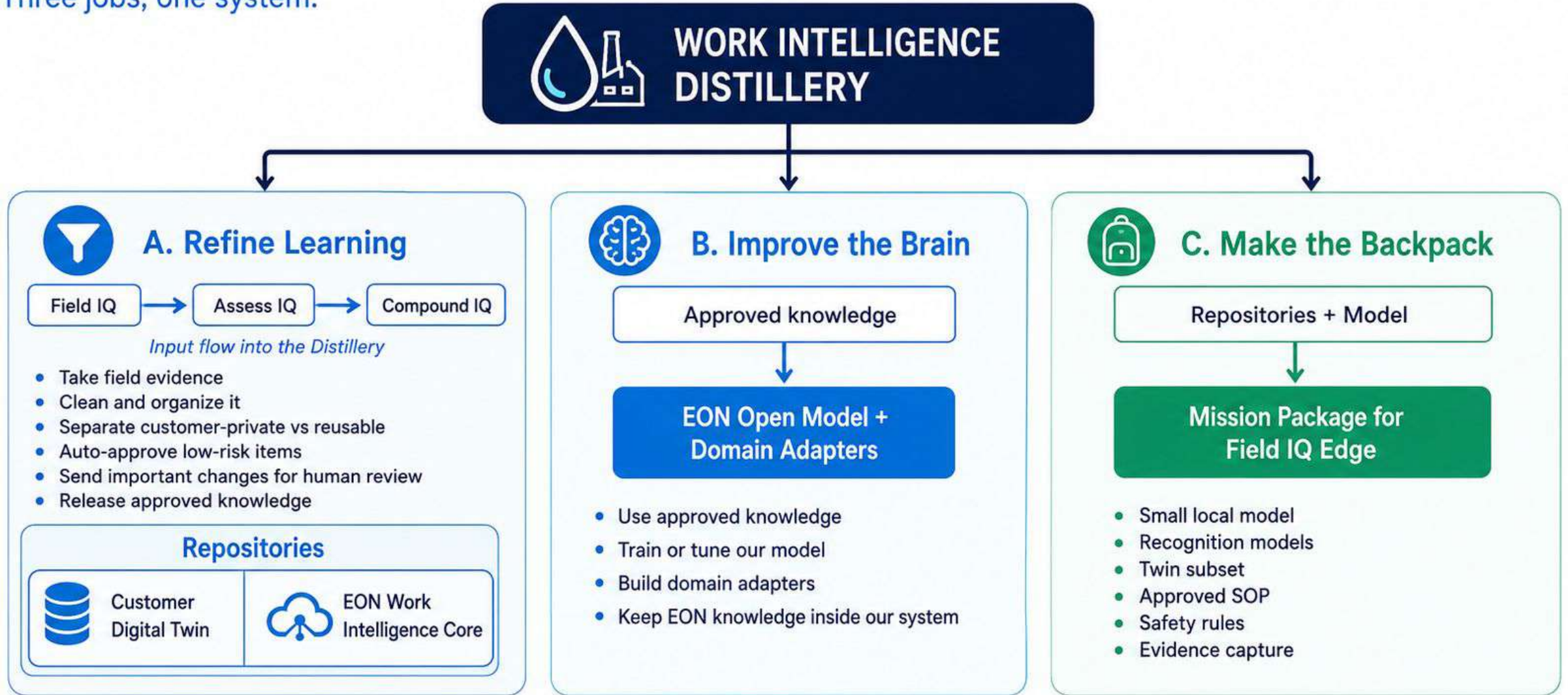
The Distillery is one part of the Work Intelligence loop.



Simple idea: the field creates evidence, Assess IQ measures it, Compound IQ proposes what we learned, and the Distillery turns approved learning into better knowledge and better field packages.

2. What the Distillery Actually Does

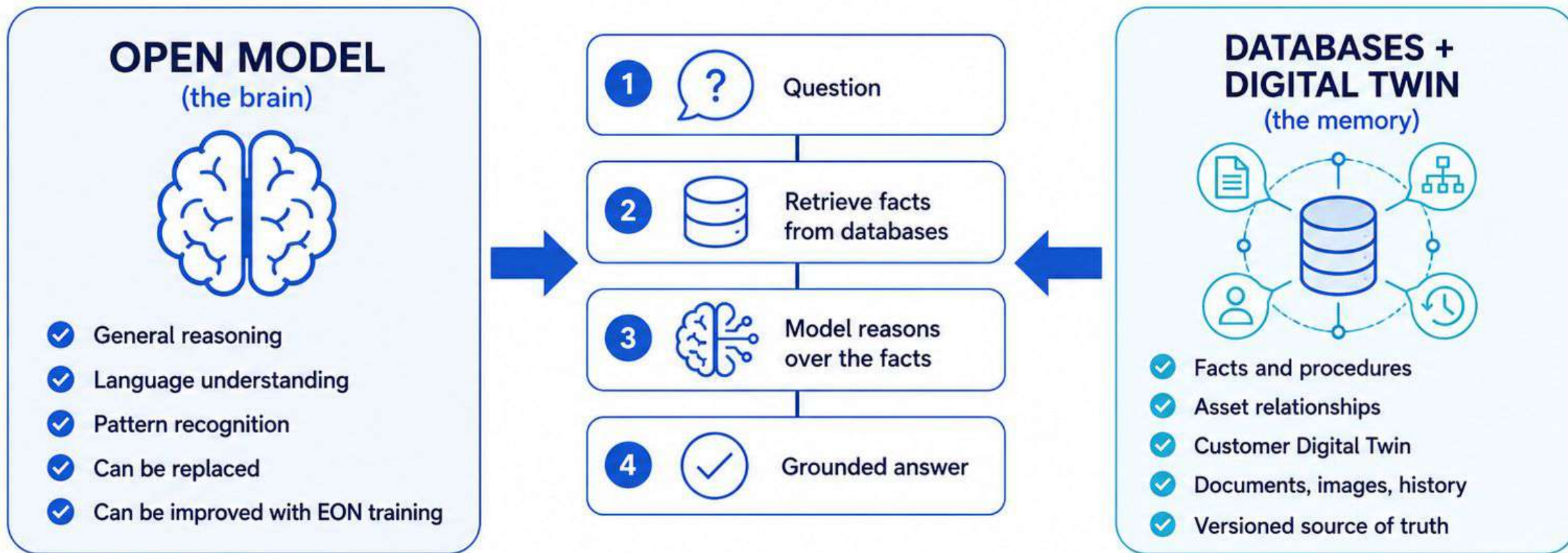
Three jobs, one system.



The Distillery does not replace the Digital Twin or the model. It connects them.

3. Open Model vs Databases

The model is the brain. The databases are the memory.



Important: if the model changes, the memory stays.
That means EON can switch models without losing its knowledge.



Closed frontier models can still help build features,
but EON should keep its core knowledge in its own databases and open-model stack.

The Distillery sits between learning and release

Field evidence does not directly rewrite approved operational truth.

1 MEASURE

Assess IQ extracts the operational delta.

2 PROPOSE

Compound IQ prepares evidence-backed learning.

3 GOVERN

Ownership, risk, and authority determine disposition.

4 REFINE

The Distillery grounds, validates, and versions.

5 RELEASE

Repositories and mission packages receive approved change.



Three assets remain distinct

Memory, reasoning, and manufacturing play different roles.

CUSTOMER DIGITAL TWIN

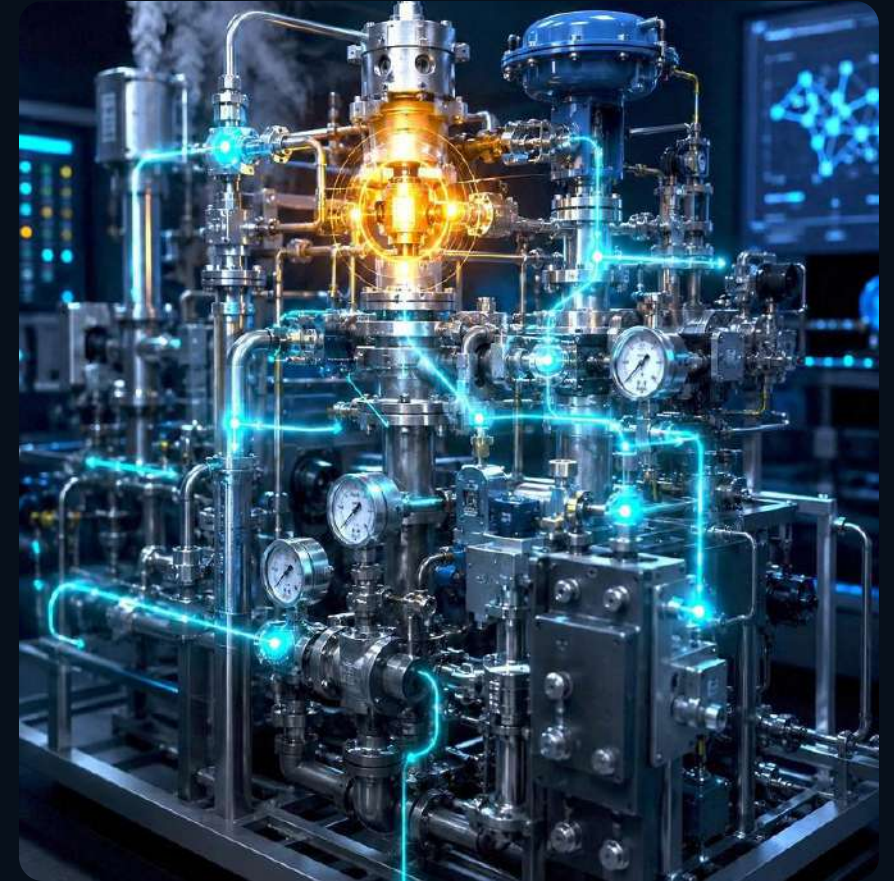
Private operational memory: assets, relationships, procedures, history, evidence, and site knowledge.

EON WORK INTELLIGENCE CORE

Authorized reusable knowledge: ontologies, equipment families, patterns, evaluations, and generalized intelligence.

MODEL PORTFOLIO

Replaceable reasoning, perception, speech, and edge capability selected for each workload.



The Distillery has three jobs

Its outputs are governed releases, not raw learning streams.

1 • REFINE LEARNING

Clean, deduplicate, ground, classify, validate, version, and route proposed change.

2 • IMPROVE MODELS

Teach adapters or specialist models and evaluate whether capability actually improved.

3 • MANUFACTURE PACKAGES

Produce the exact Mission Intelligence Package required for one executor and mission.



Store exact truth; train repeatable capability

Approved learning may update a repository, a model, or both.

STORE

Assets, relationships, procedures, limits, provenance, evidence, ownership, and approved change sets.

TRAIN

Pattern recognition, domain language, perception, retrieval behavior, workflow skill, and bounded reasoning.

BOTH

Use repositories as authoritative memory while models learn reusable capability and remain replaceable.



Large and small models serve different missions

The edge model is a specialist, not simply a weaker copy of the enterprise brain.

LARGE HOSTED MODEL

Cross-record analysis, Compound IQ support, procedure structuring, synthetic examples, broad reasoning, and edge-model evaluation.

SMALL EDGE MODEL

Local reasoning for one asset, workflow, permission set, evidence contract, and set of stop conditions.



Risk-based automation prevents both bottlenecks and uncontrolled change

Coverance is graduated by consequence, confidence, reversibility, ownership, and policy.

- Low-risk administrative corrections may be eligible for controlled automation.
- Changes affecting safety, operating limits, permissions, procedures, or cross-customer reuse require accountable review.
- The Distillery filters and prepares the decision so humans review the important issue—not the entire raw dataset.



The Knowledge Firewall preserves customer ownership

No customer learning crosses boundaries automatically.

- **Classify whether evidence is customer-identifiable, facility-specific, sensitive, or permitted for broader use.**
- Generalize only when technical meaning can be preserved without transferring customer-owned knowledge.
- Record permission, provenance, repository destination, and reuse rights before storage or training.



THE SELF-IMPROVING ENTERPRISE

PART IV

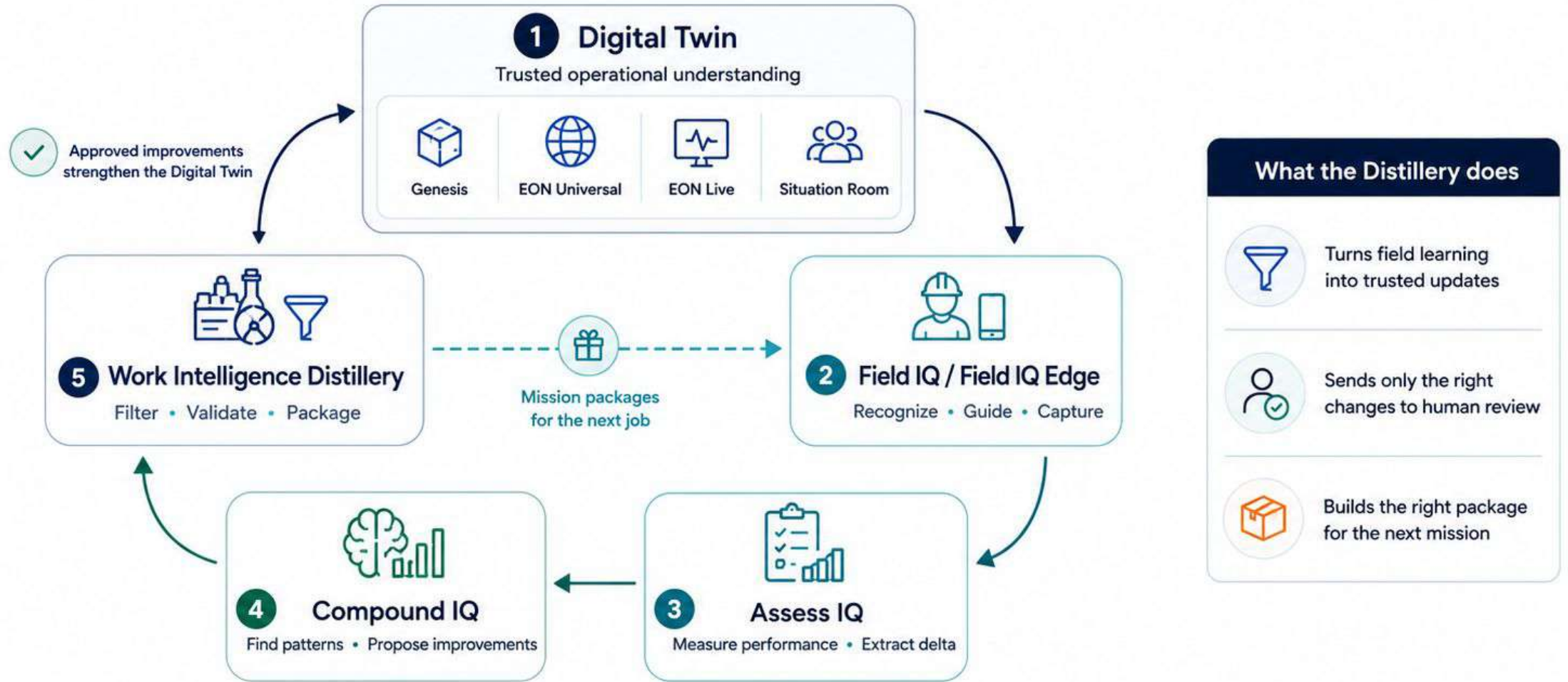
The Work Intelligence Flywheel

Every mission produces an operational outcome and an intelligence outcome. The flywheel keeps the second from disappearing.



The EON Work Intelligence Flywheel

From Digital Twin to Field Learning and Back



The flywheel compounds Work Intelligence over time.

The flywheel connects preparation to controlled redeployment

It is the operating relationship among the platform capabilities.

1 PREPARE

Select context, workflow, safety, permissions, and evidence.

2 EXECUTE

Human or machine performs bounded work.

3 MEASURE

Assess IQ extracts the operational delta.

4 LEARN

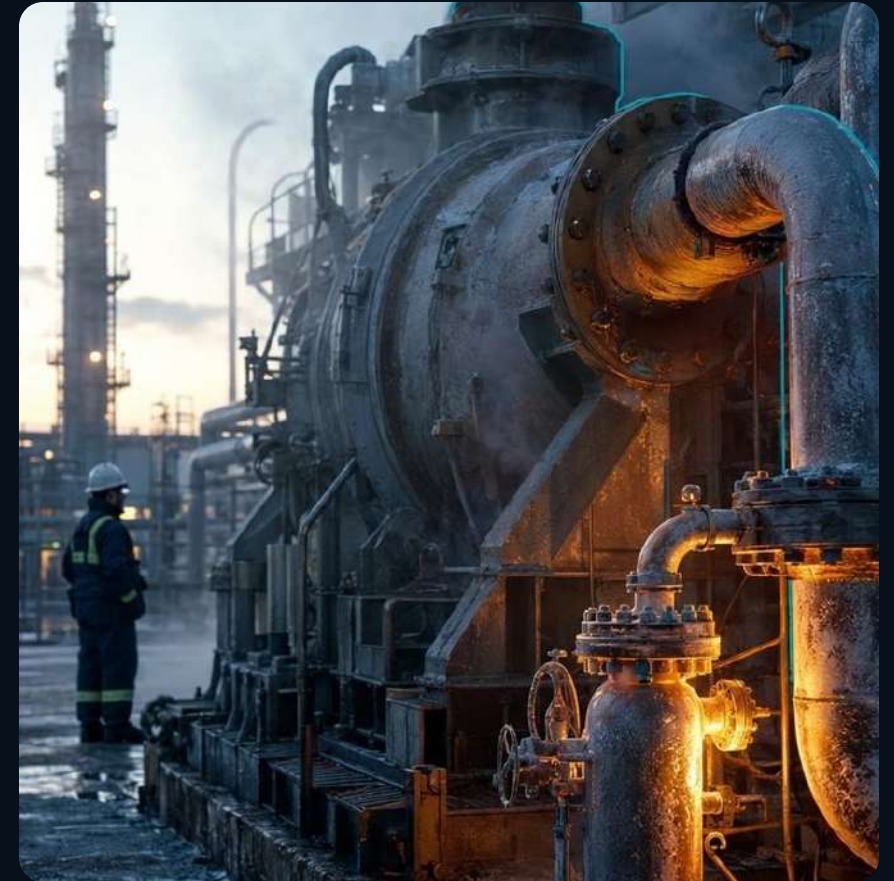
Compound IQ proposes evidence-backed improvement.

5 GOVERN

Risk, ownership, and authority determine approval.

6 REDEPLOY

The Distillery releases a better package.



The operational delta—not data volume—is what matters

Evidence becomes valuable when connected to the mission that produced it.

- A photograph without asset identity, procedure context, outcome, and quality has limited learning value.
- A complete delta connects expected and observed work to the actor, asset, conditions, evidence, and consequence.
- Positive, negative, and contextual deltas strengthen different parts of the platform.



What actually compounds

Validated learning strengthens multiple enterprise assets at once.

TWIN QUALITY

More accurate identity, relationships, configuration, and context.

PROCEDURES

Clearer workflows, checkpoints, and exception handling.

MODELS

Better perception, retrieval, reasoning, and refusal behavior.

EVALUATIONS

Stronger benchmarks, evidence contracts, and Gold Standards.

MISSION PACKAGES

More complete, bounded, and effective field releases.

ORGANIZATIONAL MEMORY

Reusable learning that survives turnover and site boundaries.



A practical example: a recurring isolation problem

The field contributes evidence; governance controls the released change.

1 OBSERVE

Technicians repeatedly encounter a hidden re-pressurization path.

2 ASSESS

Assess IQ identifies the mismatch between expected and observed state.

3 PROPOSE

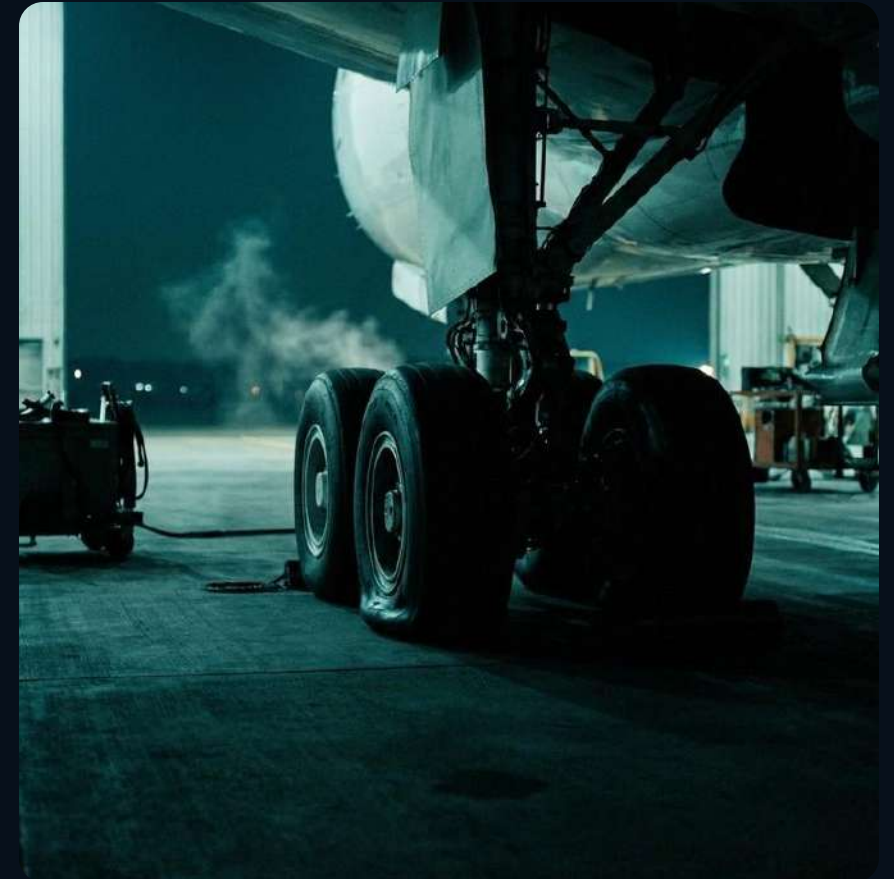
Compound IQ links similar deltas and recommends changes.

4 APPROVE

Engineering and safety authorities review the evidence.

5 RELEASE

Twin, procedure, assessment, and mission package are versioned.



Governance is part of the control architecture

Intelligence authority and execution authority remain separate.

- AI may retrieve, compare, recognize, explain, summarize, and propose.
- Deterministic workflow and customer policy govern whether a step is permitted and whether prerequisites are satisfied.
- Accountable roles approve consequential changes; the platform preserves reconstruction and rollback.



Governance turns model output into accountable operational decisions

Mission authorization, evidence, safety boundaries, and escalation remain visible to responsible people.



The Safety Envelope is deterministic

Probabilistic recognition can contribute, but it cannot override mission controls.

PREREQUISITES

Identity, permits, isolation, equipment state, and required evidence.

OPERATING LIMITS

Approved ranges, prohibited actions, and role-specific permissions.

STOP CONDITIONS

Missing evidence, conflicting state, exceeded limit, or uncertain identity.

SAFE-STATE BEHAVIOR

Escalation, hold, rollback, or return-to-safe-location instructions.



Mission authorization and auditability create accountable execution

The Mission Contract defines who may do what, where, when, and with which evidence.

- **Verify actor identity and role, device and package status, asset and site context, and required approval before work begins.**
- Link package version, model and adapter versions, source revisions, actions, exceptions, evidence, assessment, proposals, approvals, and released change.
- The purpose is reconstructability and accountability—not surveillance for its own sake.



Packages require expiry, revocation, supersession, and rollback

Offline capability moves controls into the package and device runtime.

- **Know which devices hold each release and prevent further use when a procedure changes or a safety issue is discovered.**
- Encrypt packages and evidence, protect signing keys, minimize edge data, and preserve controlled synchronization.
- Rollback must restore a known approved state without erasing the audit trail.



CHAPTER 10

One governed foundation supports many executors

People, AI agents, robots, drones, and operational software can share trusted mission context without sharing the same interface or authority.



The executor changes; the requirement for trusted intelligence does not

Every executor needs identity, context, permissions, boundaries, evidence, stop conditions, and escalation.



Assistance evolves toward bounded autonomy

Capability expands only as procedures, evidence, evaluations, and trust mature.

ASSIST

Provide contextual guidance to a responsible human.

DELEGATE

Allow an AI agent to perform bounded digital work.

INSPECT

Use drones and robots for evidence collection and dangerous access.

EXECUTE

Authorize selected physical missions inside a deterministic Safety Envelope.



Different executors return different evidence

The Distillery manufactures a different package from the same governed foundation.

HUMAN

Observations, decisions, procedure execution, photographs, readings, and exceptions.

AI AGENT

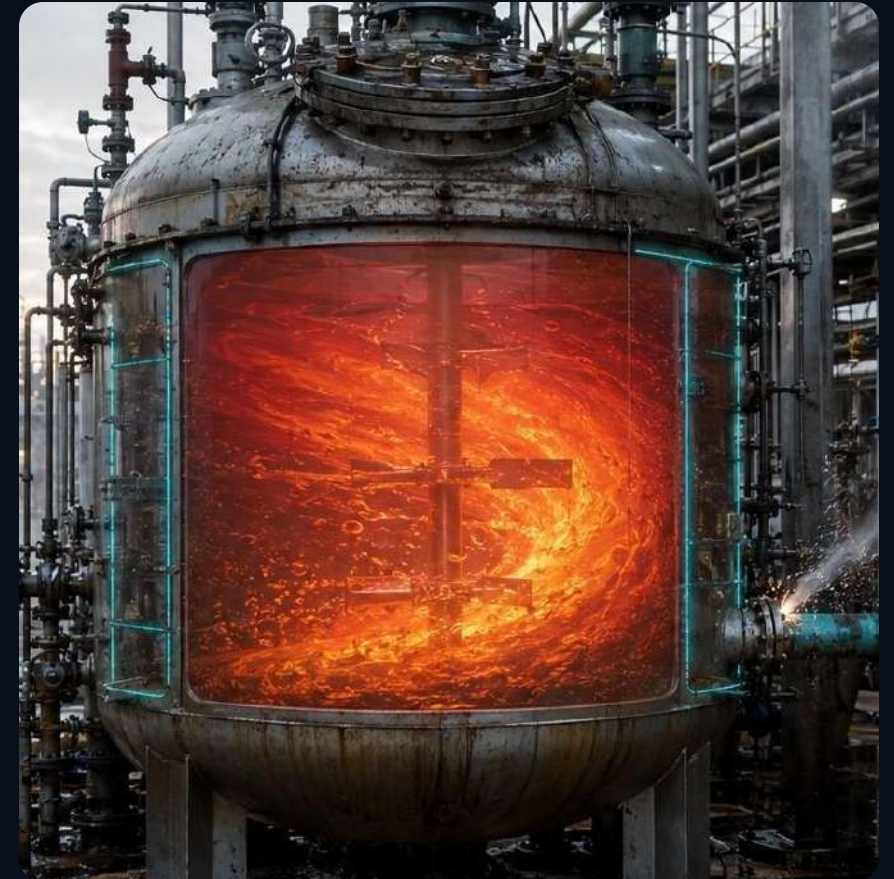
Tool calls, retrieved sources, decisions, generated work products, and escalation records.

ROBOT

Sensor data, action logs, position, contact, completion state, and stop events.

DRONE

Route, imagery, thermal data, location, coverage, anomalies, and return status.



The next two to three years progress through three phases

Operational proof—not model novelty—sets the pace.

PHASE 1 • TRUSTED HUMAN ASSISTANCE

Production Distillery, stronger Core, replaceable model portfolio, validated packages, bounded Edge missions, and formal approval workflows.

PHASE 2 • SUPERVISED INTELLIGENT EXECUTION

Agents, drones, and robots perform clearly defined preparation, review, and inspection tasks with human responsibility for critical decisions.

PHASE 3 • BOUNDED AUTONOMOUS OPERATIONS

Selected missions operate with greater independence inside mature procedures, models, evidence, and Safety Envelopes.



The long-term direction is coordinated operational intelligence

The goal is not one autonomous machine.

- **People, AI systems, Digital Twins, robots, drones, and operational software share a trusted understanding of the work.**
- The Twin remembers; the Core preserves reusable knowledge; the model portfolio reasons; the Distillery manufactures each mission.
- Executors perform the work; Assess IQ measures; Compound IQ proposes; governance determines what becomes approved truth.



REFERENCE MATERIAL

APPENDICES

Architecture, products, standards, terminology, and model strategy

The appendices provide implementation objects, control boundaries, deployment patterns, source frameworks, glossary terms, and the open-weight portfolio.



Appendix A — Reference architecture

Logical responsibilities and principal data objects.

MISSION CONTRACT

Authorized objective, executor, asset, scope, timing, permissions, and escalation.

TWIN SUBGRAPH

Smallest relevant subset of assets, relationships, state, and context.

EXECUTABLE WORKFLOW

Approved steps, branches, prerequisites, and checkpoints.

SAFETY ENVELOPE

Limits, prohibited actions, stop conditions, and safe-state behavior.

EVIDENCE CONTRACT

Required proof and quality criteria.

APPROVED CHANGE SET

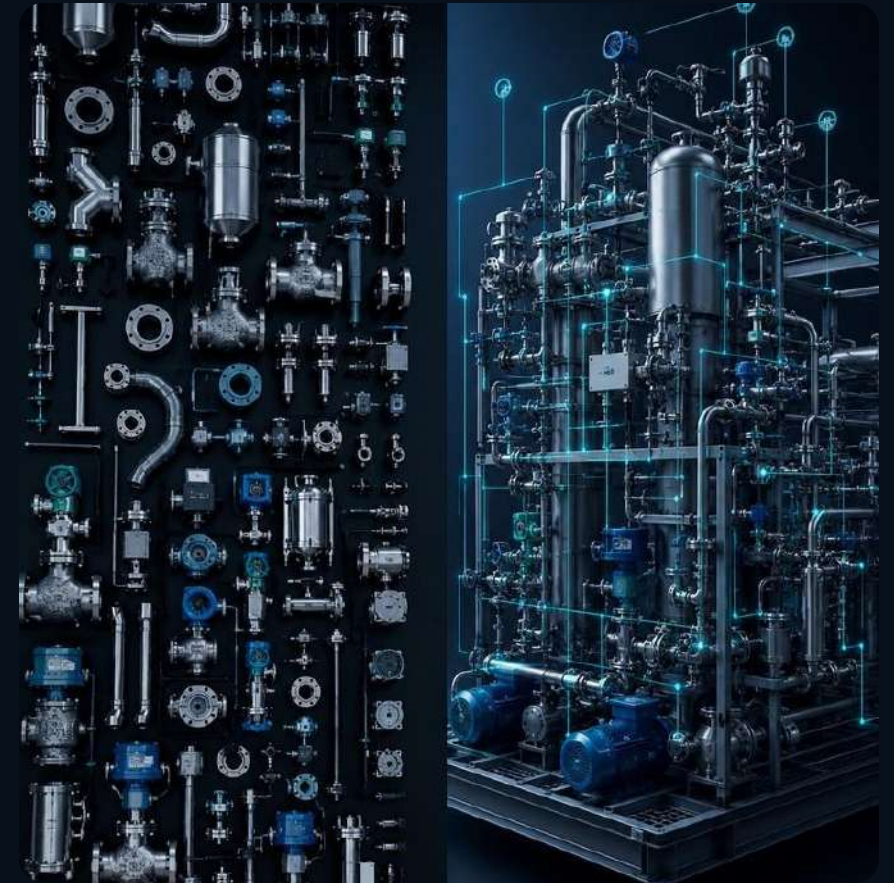
Governed update released to repository, workflow, model, evaluation, or package.



Appendix B — Platform components and package contents

A Mission Intelligence Package is assembled for one executor and mission.

- **Mission Contract and actor permissions; Twin Subgraph and recognition references.**
- Approved procedure or compiled workflow; Safety Envelope and deterministic stop logic.
- Evidence Contract; local language, recognition, speech, or specialist models.
- Offline documents and diagrams; manifest, signatures, expiry, revocation, and synchronization policy.



Appendix C — Standards and supporting frameworks

Applicability and certification must be determined for each customer implementation.

ASSET + RELIABILITY

ISO 14224, ISA-5.1, OPC and OPC UA.

SAFETY + CONTROL

ISO 45001 and IEC 62443 industrial cybersecurity concepts.

LEARNING EVIDENCE

Experience API / IEEE 9274.1 where training and operational evidence interoperate.

AI GOVERNANCE

NIST AI Risk Management Framework and AI Resource Center.



Appendix D — Core terminology

The glossary gives precise names to the platform's control and learning objects.

MEMORY

Customer Digital Twin • Work Intelligence Core • Twin Subgraph

MISSION

Mission Contract • Mission Intelligence • Mission Intelligence Package

CONTROL

Safety Envelope • Evidence Contract • Knowledge Firewall

LEARNING

Validated Work Episode • Operational Delta • Approved Change Set • Flywheel

CAPABILITIES

Field IQ • Field IQ Edge • Assess IQ • Compound IQ • Distillery



Appendix E

Keep the memory governed and the brain replaceable

The candidate portfolio is a working recommendation subject to industrial benchmarking, licensing review, infrastructure testing, and production-cost validation.



RECOMMENDED MODEL PORTFOLIO

Which models to use, and for what



1

**Primary
Production Model**

Qwen 3.6 27B

- ✓ Best balance
- ✓ Self-hosted
- ✓ Vision + language
- ✓ Strong day-to-day default



2

**Teacher /
Advanced Reasoning**

Kimi K3

- ✓ Very powerful
- ✓ Use selectively
- ✓ Great for distillation
- ✓ Not the everyday default



3

**Agentic
Challenger**

NVIDIA Nemotron

- ✓ Tool use
- ✓ Long context
- ✓ Great for workflows



4

Edge Models
4B–9B small models

- ✓ Runs on device
- ✓ Offline capable
- ✓ Use with recognition models

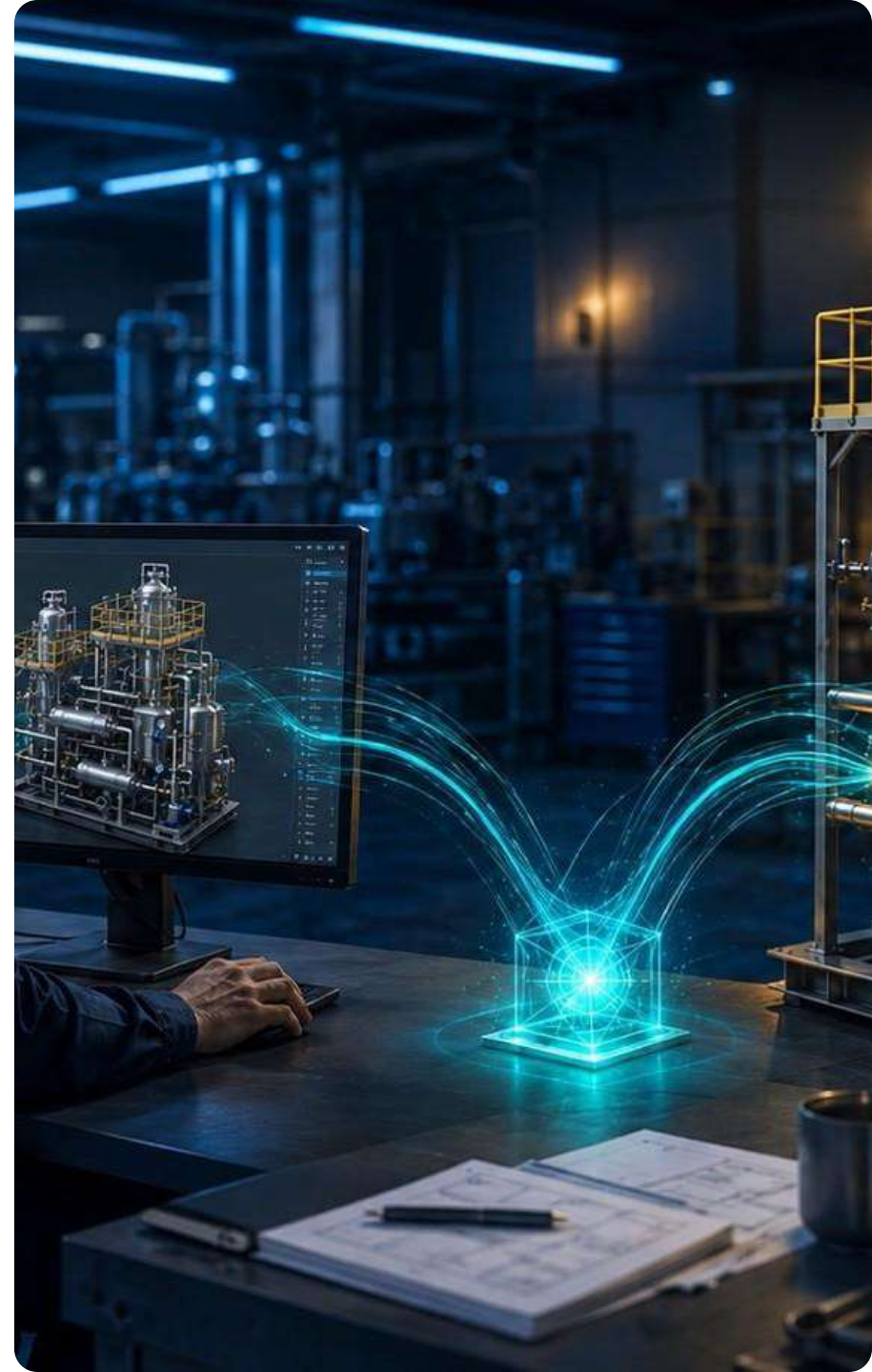


Closed models still help

OpenAI / Claude remain useful for coding, product development, and difficult non-sensitive tasks



Recommendation: Build around a replaceable open-weight portfolio.
Start with Qwen, test Kimi and Nemotron, deploy small edge models in the field.



PRICING & DEPLOYMENT COMPARISON

Relative cost and control across model options

	 Ownership / Control	 Infrastructure Cost	 Per-Query Cost	 Offline Capability	 Best Role
 OpenAI / Claude API	● Low	● Low	● Medium to High	● No	 Fast build help
 Qwen 3.6 27B self-hosted	● High	● Medium	● Low to Medium at scale	● No	 Primary EON brain
 Kimi K3 self-hosted	● High	● Very High	● Medium at scale	● No	 Teacher / challenger
 NVIDIA Nemotron self-hosted	● High	● High	● Low to Medium at scale	● No	 Agents & workflows
 Small edge model	● High	● Medium upfront	● Very Low after deployment	● Yes	 Field IQ Edge



The cheapest path upfront is rented API usage.
The strongest long-term moat comes from open-weight models plus EON-owned repositories and edge deployment.



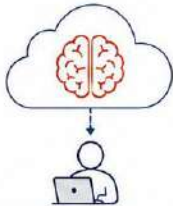
OWNERSHIP ADVANTAGE: OPEN-WEIGHT VS CLOSED MODELS

Why open-weight architecture creates a stronger Work Intelligence asset



CLOSED MODELS

You rent the brain from a cloud vendor

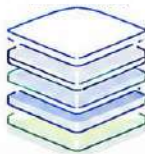


- ✗ You may own your data, but you rent the brain
- ✗ Provider controls the model
- ✗ Harder to run offline
- ✗ Behavior, pricing, and availability can change
- ✗ Great for fast help and product development



OPEN-WEIGHT MODELS

EON owns the stack and the intelligence it builds



- APPLICATIONS
- ADAPTERS & AGENTS
- MODEL LAYER
- INFRASTRUCTURE

- ✓ EON controls where the model runs
- ✓ EON keeps the knowledge inside its system
- ✓ Can build domain adapters and edge models
- ✓ Can switch models without losing the memory
- ✓ Creates a compounding enterprise asset

VS



Open-weight does not mean EON owns the original foundation model. It means EON controls the deployment, tuning, packaging, and the compounding Work Intelligence built on top of it.



Repositories
= memory

+



Model
= brain

+



Distillery
= factory

+



Edge Package
= backpack

From Digital Twin to Field Learning and Back

Build. Learn. Compound. Repeat.

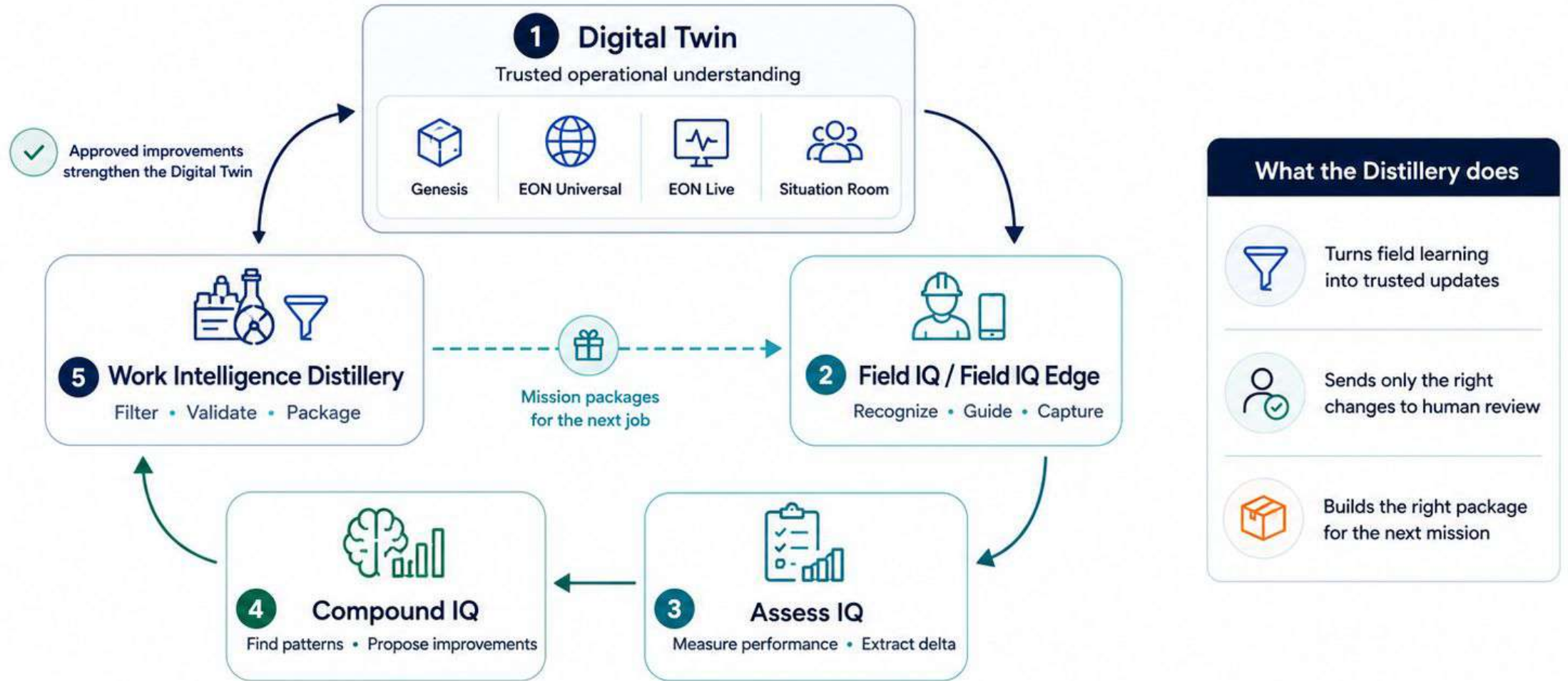


THE BIG PICTURE – EON WORK INTELLIGENCE FLYWHEEL



The EON Work Intelligence Flywheel

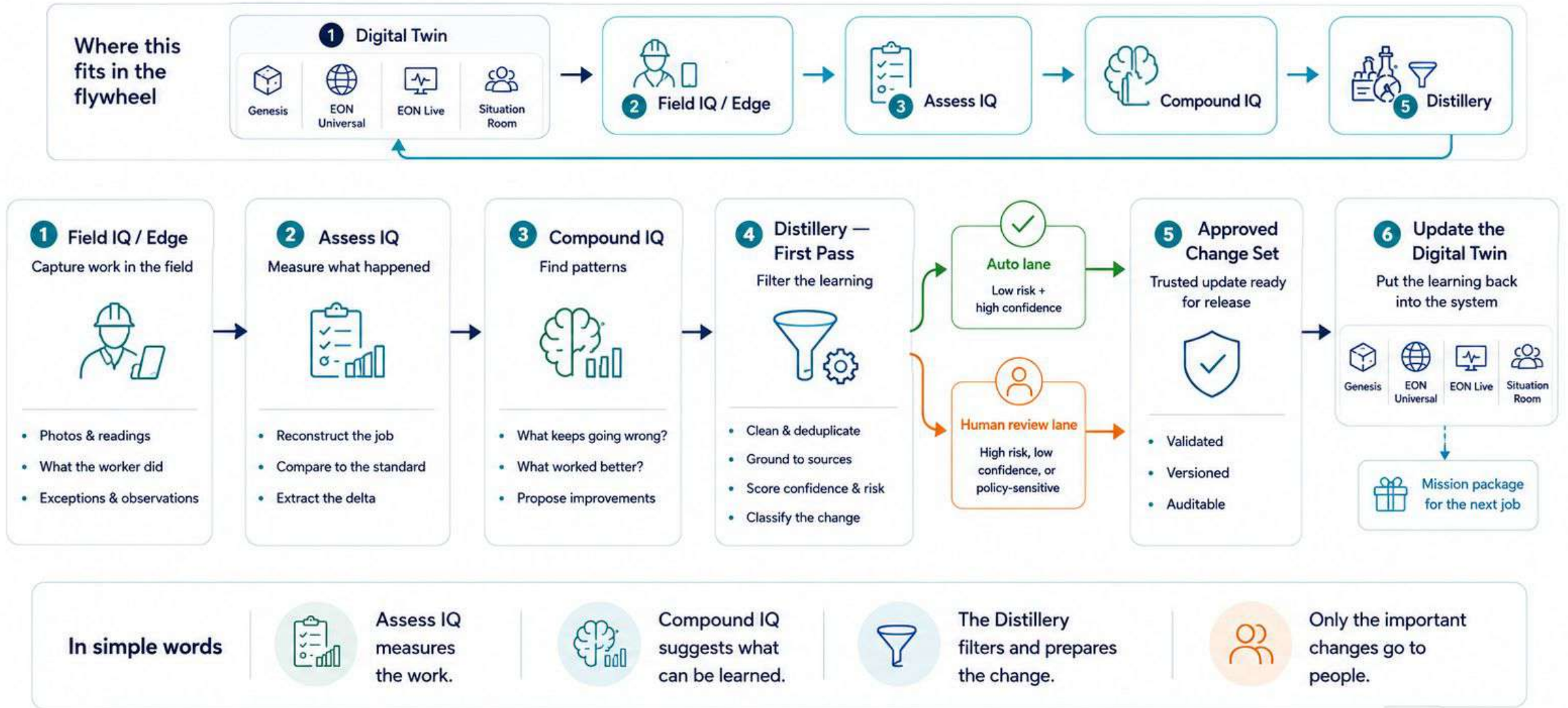
From Digital Twin to Field Learning and Back



The flywheel compounds Work Intelligence over time.

Zoom-in: How Field Learning Improves the Digital Twin

From field evidence to approved updates and better mission packages



Better learning goes back into the Digital Twin, and better mission packages go back to the field.

1. Where the Distillery Sits in the Big Picture

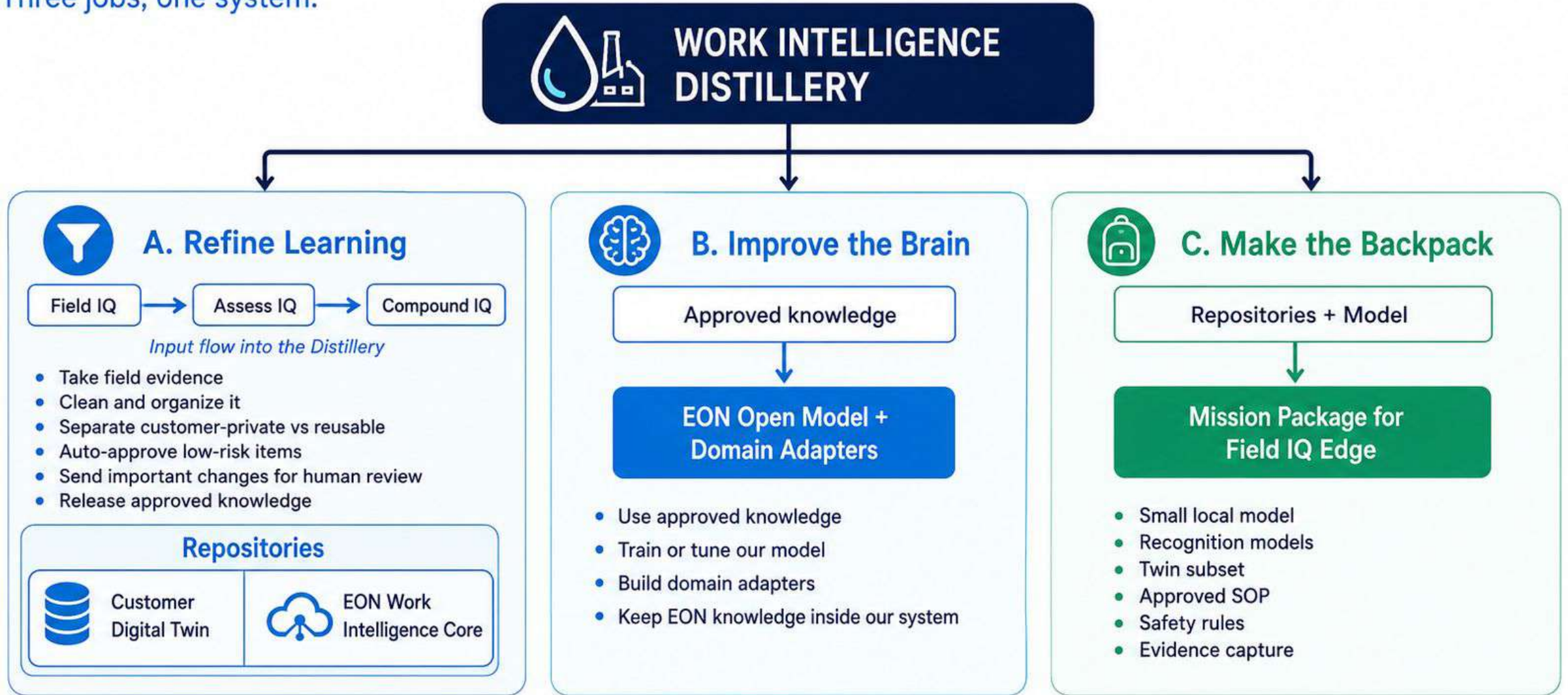
The Distillery is one part of the Work Intelligence loop.



Simple idea: the field creates evidence, Assess IQ measures it, Compound IQ proposes what we learned, and the Distillery turns approved learning into better knowledge and better field packages.

2. What the Distillery Actually Does

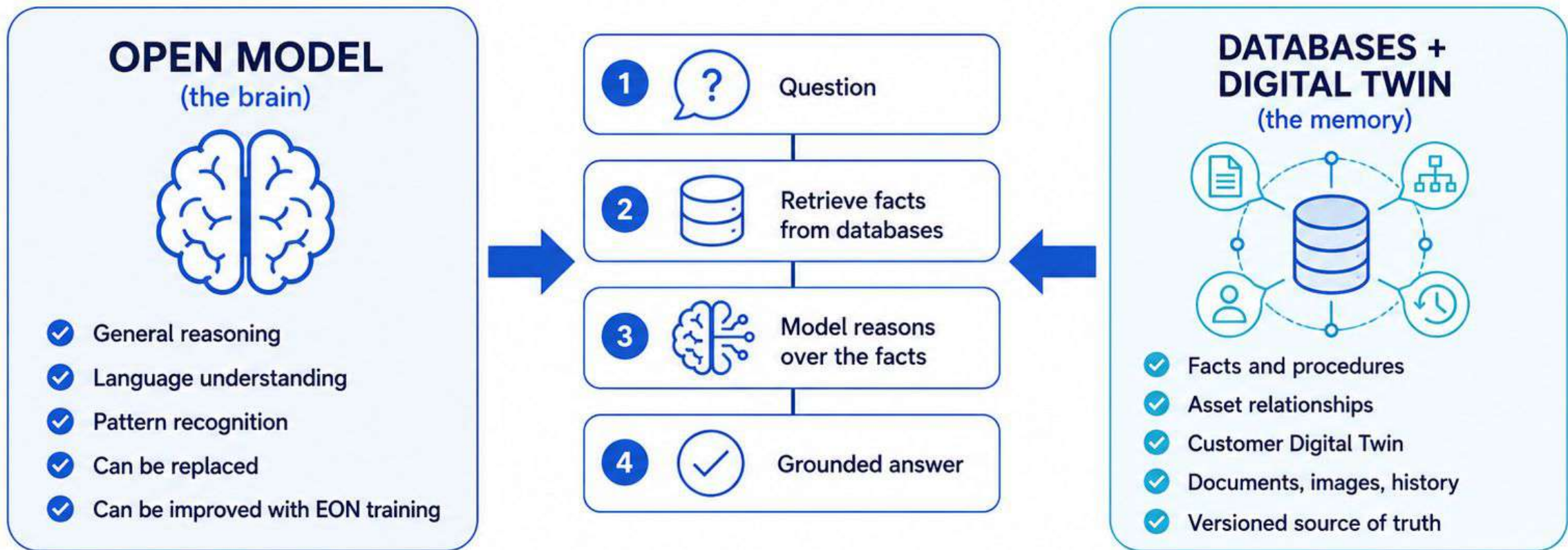
Three jobs, one system.



The Distillery does not replace the Digital Twin or the model. It connects them.

3. Open Model vs Databases

The model is the brain. The databases are the memory.



Important: if the model changes, the memory stays.
That means EON can switch models without losing its knowledge.



Closed frontier models can still help build features,
but EON should keep its core knowledge in its own databases and open-model stack.

OPEN-WEIGHT MODEL STRATEGY

Where each model fits in the EON Work Intelligence Platform

EON
APPLICATIONS



Genesis



EON Universal



Field IQ



Assess IQ



Compound IQ



Distillery



EON MODEL GATEWAY

Route • Orchestrate • Guardrail • Observe

1



Primary EON Brain — Qwen 3.6 27B

day-to-day reasoning,
multimodal understanding,
self-hosted

2



High-End Teacher / Challenger — Kimi K3

difficult reasoning,
synthetic data,
distillation

3



Agentic / Workflow Challenger — NVIDIA Nemotron

tool use, long context,
agent workflows

4



Closed Frontier Helpers — OpenAI / Claude

build plane only,
selective use,
not the system of record



Customer Digital Twin

Assets • People • Locations • Relationships
History • Context



EON Work Intelligence Core

Documents • Procedures • Knowledge
Events • Lessons • Standards



Mission Intelligence Package

The right knowledge • Right format • Right time



Field IQ Edge

Deliver to the field • Guide • Capture • Verify

Core message



Keep the memory
in EON repositories



Keep the brain
replaceable



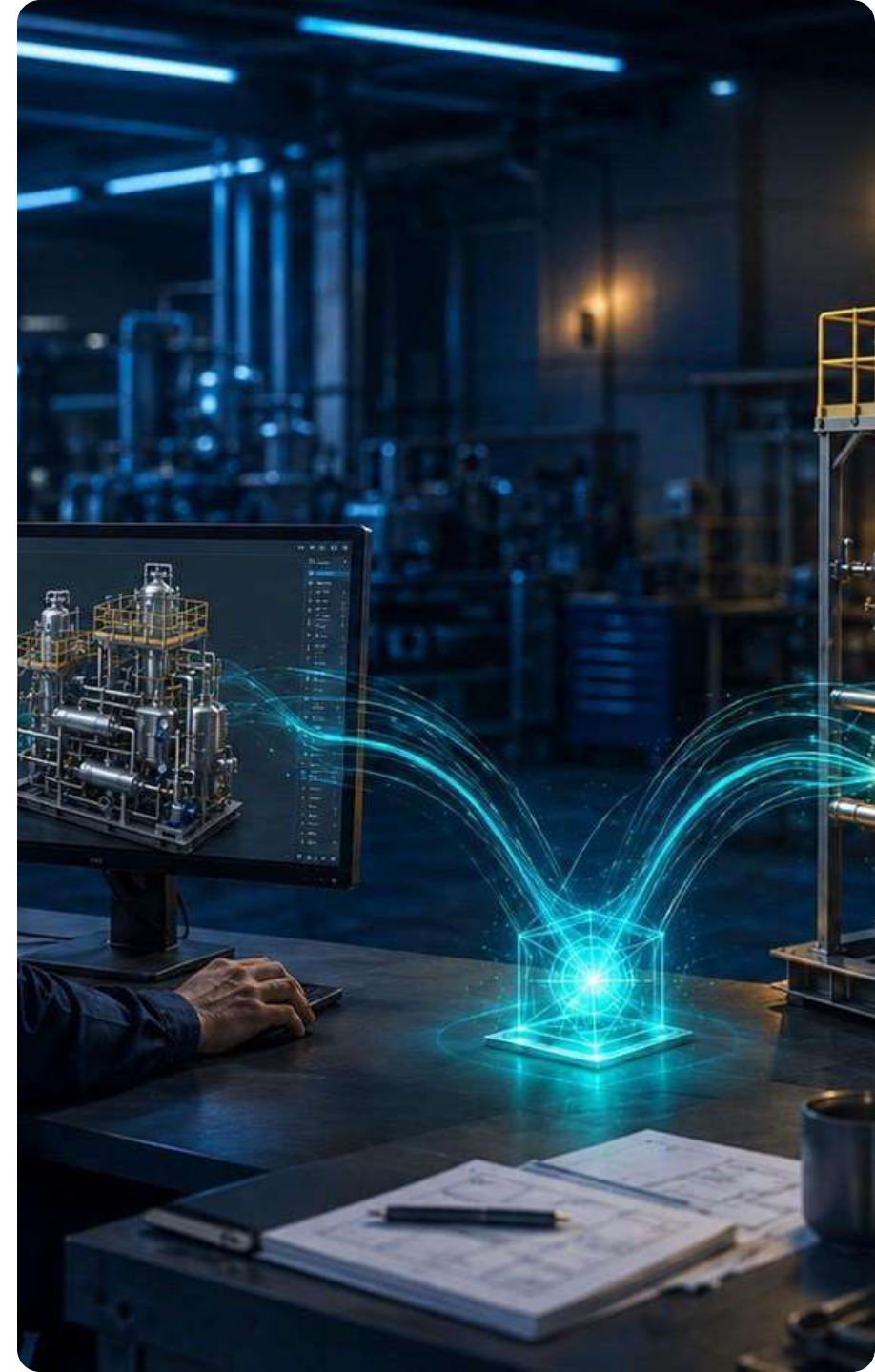
Use the best model
for each job



Never store
permanent value
inside a rented model

OUTPUT

Smarter Every Day. Built on Open Models. Secured by EON.



Required model bake-off

Production fitness must be proven on EON industrial tasks.

- **Procedure interpretation, grounded retrieval, equipment-image recognition, and multimodal reasoning.**
- Digital Twin graph reasoning, Safety Envelope adherence, refusal, stop, and escalation behavior.
- Tool calling, workflow completion, evidence production, hallucination, provenance, confidence, and adversarial robustness.
- Latency, throughput, hardware footprint, quantization, total cost per successful mission, licensing, data rights, and deployment constraints.



Closing synthesis

Work Intelligence makes experience a governed enterprise asset.



- **Capture operational reality in the Digital Twin.**
- Deliver bounded Mission Intelligence to the executor.
- Measure the Operational Delta and propose evidence-backed learning.
- Govern ownership, safety, authority, and release.
- Make the next mission better because the previous mission happened.

