



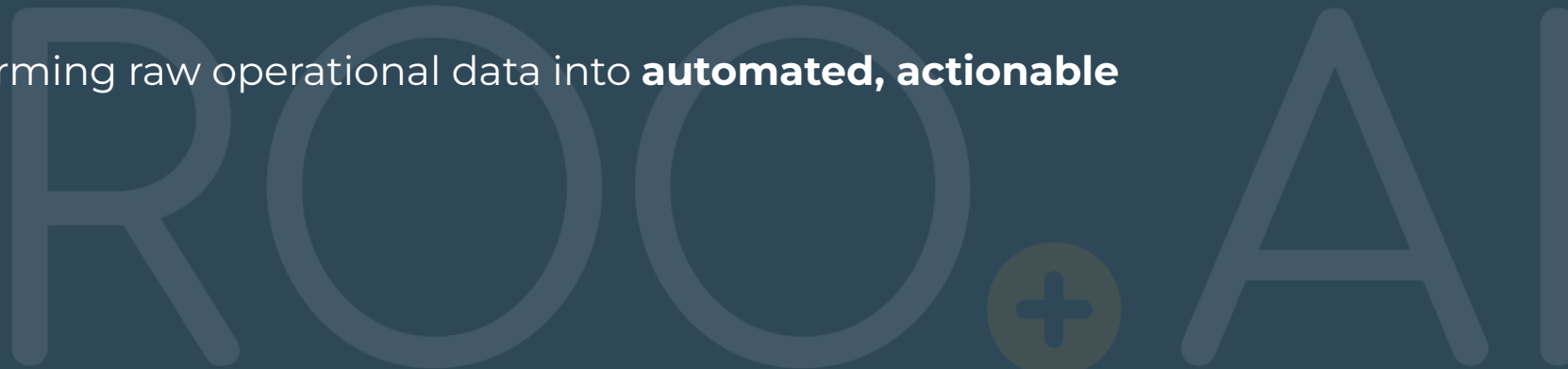
**Digitalizing Human-Powered Process**  
for Industry 4.0:  
Reaching whats hidden

ROO+AI

# ROO+AI

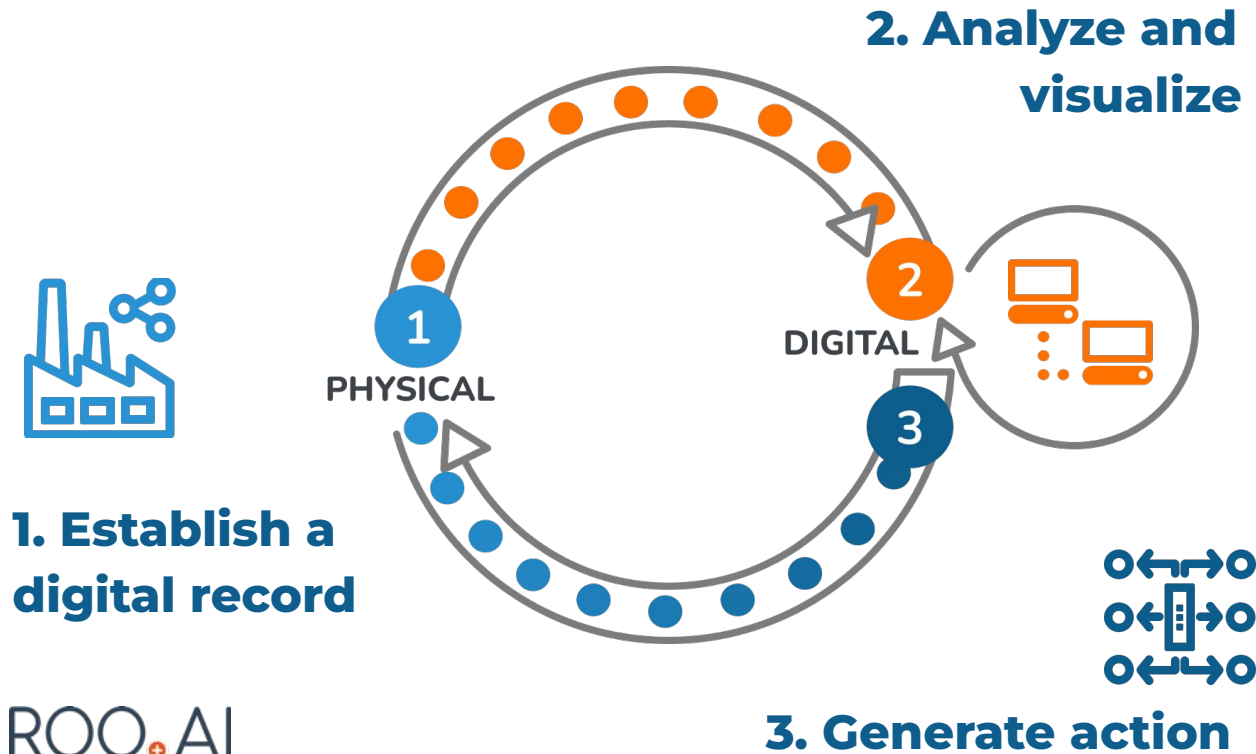


- ⊕ **Industrial Digitalization Experts:** Specialized in the **worker-machine interface** and frontline process optimization.
- ⊕ **Proven Global Scale: 10,000+ processes** digitized for hundreds of customers.
- ⊕ **Battle-Tested Solutions:** Honed and perfected through **6+ million** industrial workflow executions.
- ⊕ **Intelligent Augmentation:** Deep-tech solutions to **automate and enhance** worker processes.
- ⊕ **Real-Time Guidance:** Purpose-built **Frontline AI** that provides context-aware assistance at the point of work.
- ⊕ **Predictive Insights:** Transforming raw operational data into **automated, actionable intelligence**.



# Industry 4.0 - Unifying Physical & Digital

## Deloitte - Industry 4.0 Loop



## What's Hiding From Industry 4.0

**72%**

**tasks are manual**

“...digital transformation strategies remain largely focused on machines, this leaves manufacturers with a human-shaped blind spot”

A.T. Kearney

# The Imperative For Industry 4.0

## Digitalizing Frontline Process



### Skills Gaps

### Lack of Visibility

### Productivity Issues



**50%** say skills gaps slow transformation



**72%** use **paper** in their **daily** jobs



**40M** Skilled worker shortage globally



**50%** need reskilling for Industry 4.0



**2.5M** Frontline workers are **retiring**



**37%** time used to collect data



**73%** of variability due to humans



**68%** defects due to humans

# AI Systems / Enterprise AI Models



**OPTIMIZED TASKS**  
Next task: Station 4  
Performance metrics

**PREDICTIVE ALERTS**  
Bearing wear 55%  
Maintenance due in 5 HRS

**QUALITY ALERTS**  
Defect detected

ROO.AI

**SARAH**  
Operator

**FRONTLINE WORKERS & OPERATIONS**  
**DAVID**  
Maintenance

**MARIA**  
Quality Control

# The Problem and The Solution



## Problem

Frontline execution and data is cut off from Industry 4.0, trapped in paper-based processes



## Solution

ROO AI offers a unified mobile-native and cloud platform that digitalizes and automates human-powered processes.



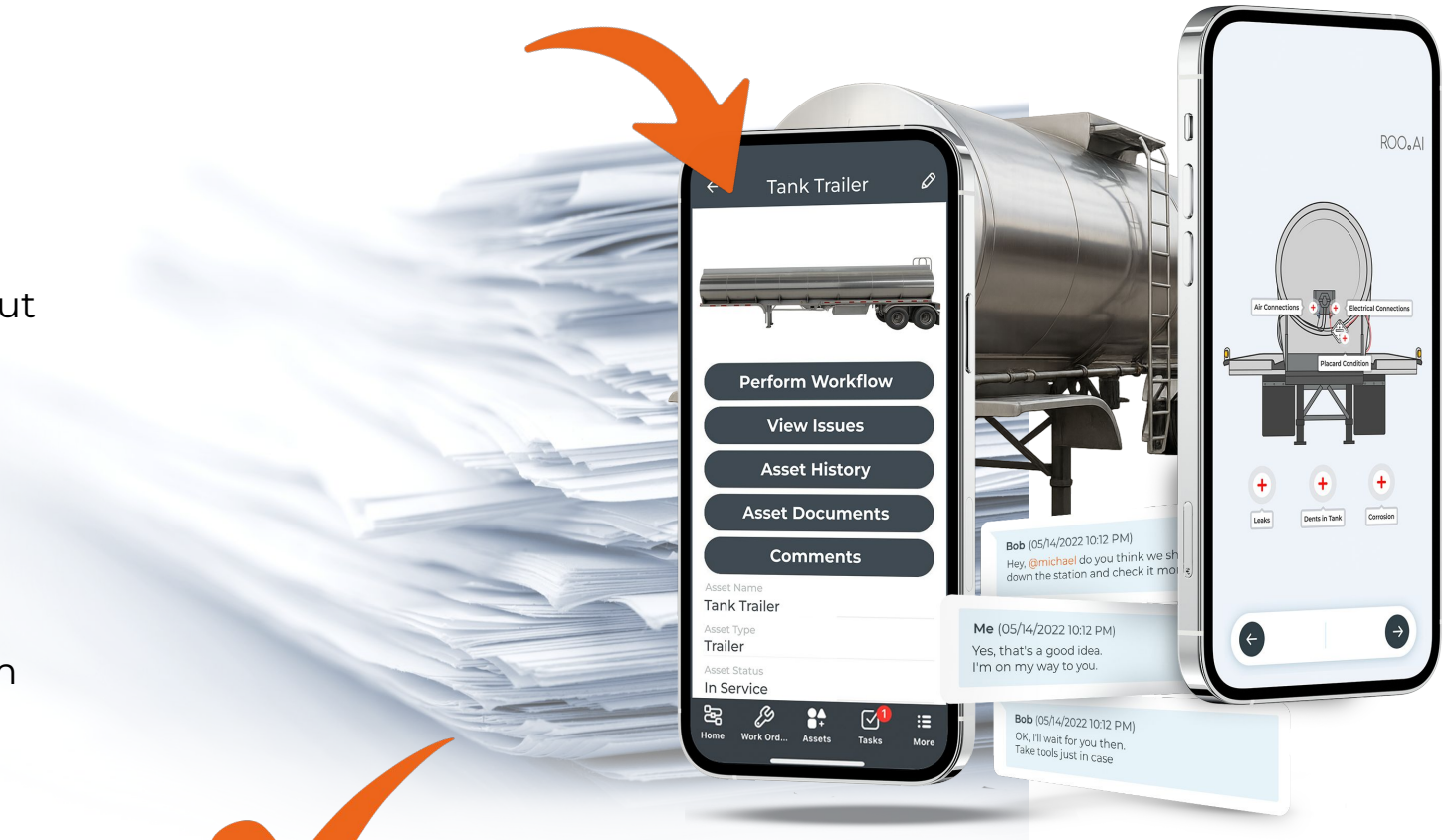
## Target

Frontline workers — individuals who do not work at a desk daily.



## Key Benefit

Incorporate human frontline process and data into Industry 4.0 to operationalize AI at the point of work to assist, guide and orchestrate work - boosting safety, quality and performance.



# A Revolutionary Frontline Product

Delivers AI Agents and Bots Into Frontline Processes



## Next-generation Human-Machine Interface

Humans process images 60,000 times faster than text



## AI and Bots in context of the process

Supercharging adoption, usability and productivity



## Workers See Exactly What To Do & When To Do It

Data driven dynamic workflow guides the process



## Full suite of business application modules

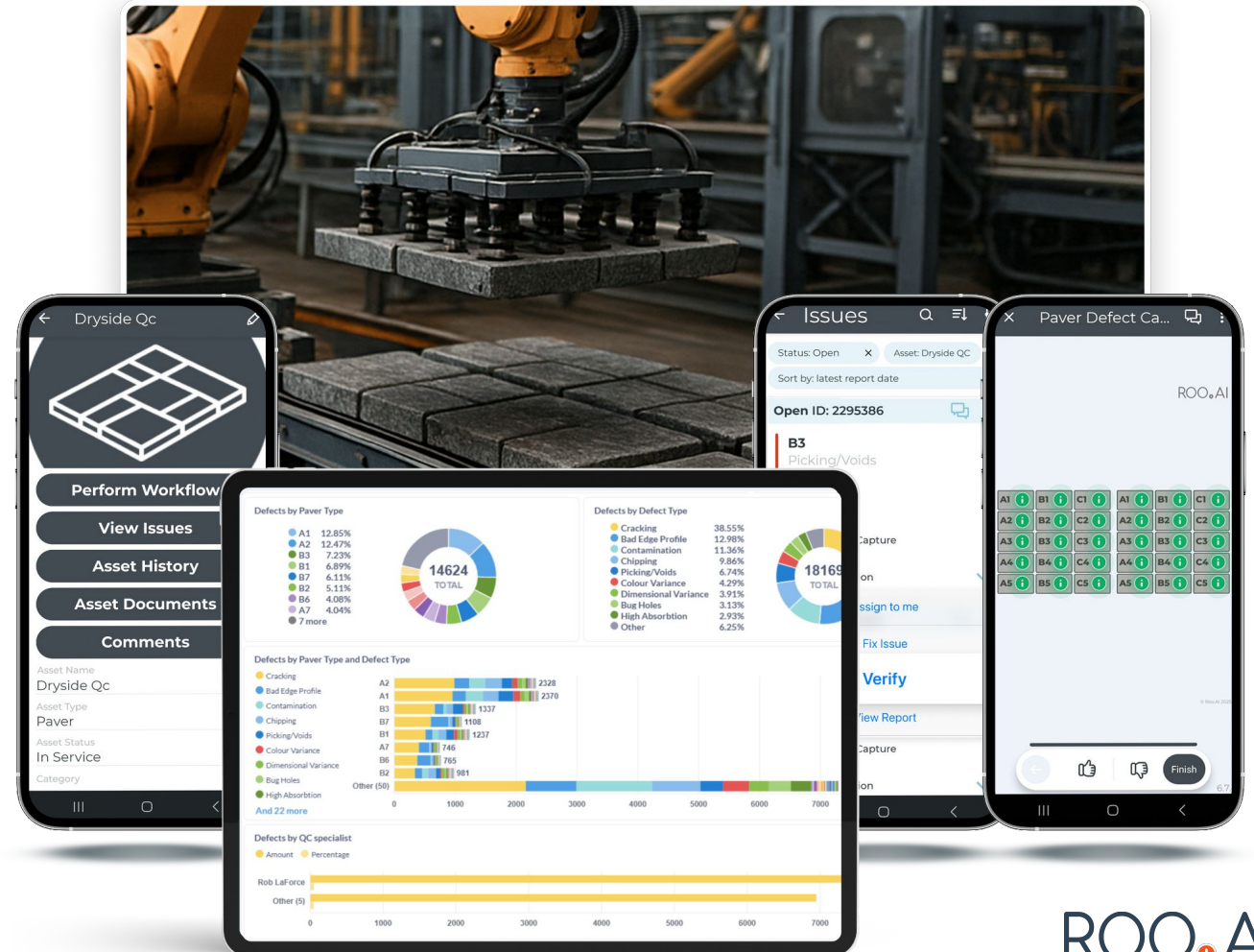
Integrate relevant actions directly into the workflow



# Real-time Data Driven Quality

Digitalizing Manual Checks Lowered Scrap 50%

- + Visual, operator friendly
- + Fast, process optimized workflows
- + Real-time data drives process



# Digitalized Worker Coaching

~100% Road safety coaching rate and reduction of incidents

- + ROO.AI integrates with telematics
- + Dynamic creation of workflows with coaching
- + Coaching delivered in flow of work
- + Coaching records documented



# Optimize Frontline Execution

AI boosts accuracy, recovers 20-30% inspection time

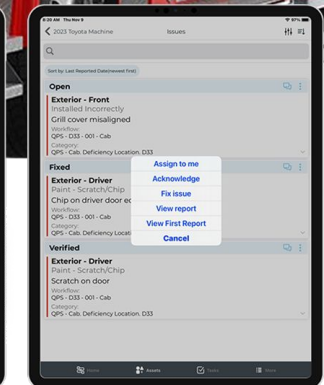
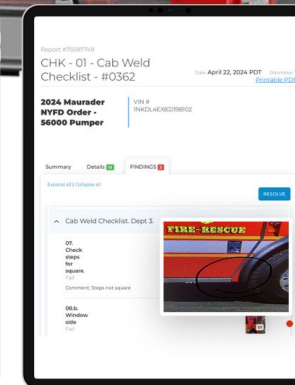
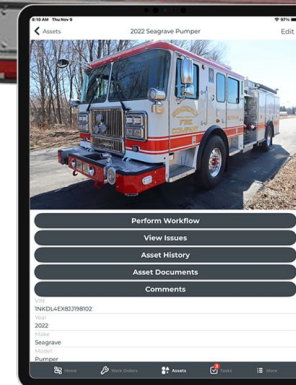
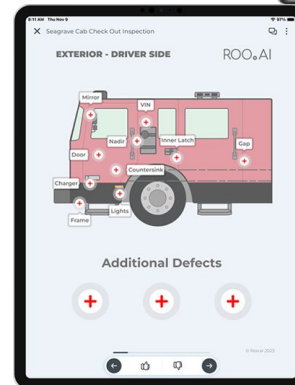
- + AI-powered pre-check brief
- + Visually guided data collection
- + Smart automations spot variances
- + Data feeds AI models



# Shortening MTO Production Cycles

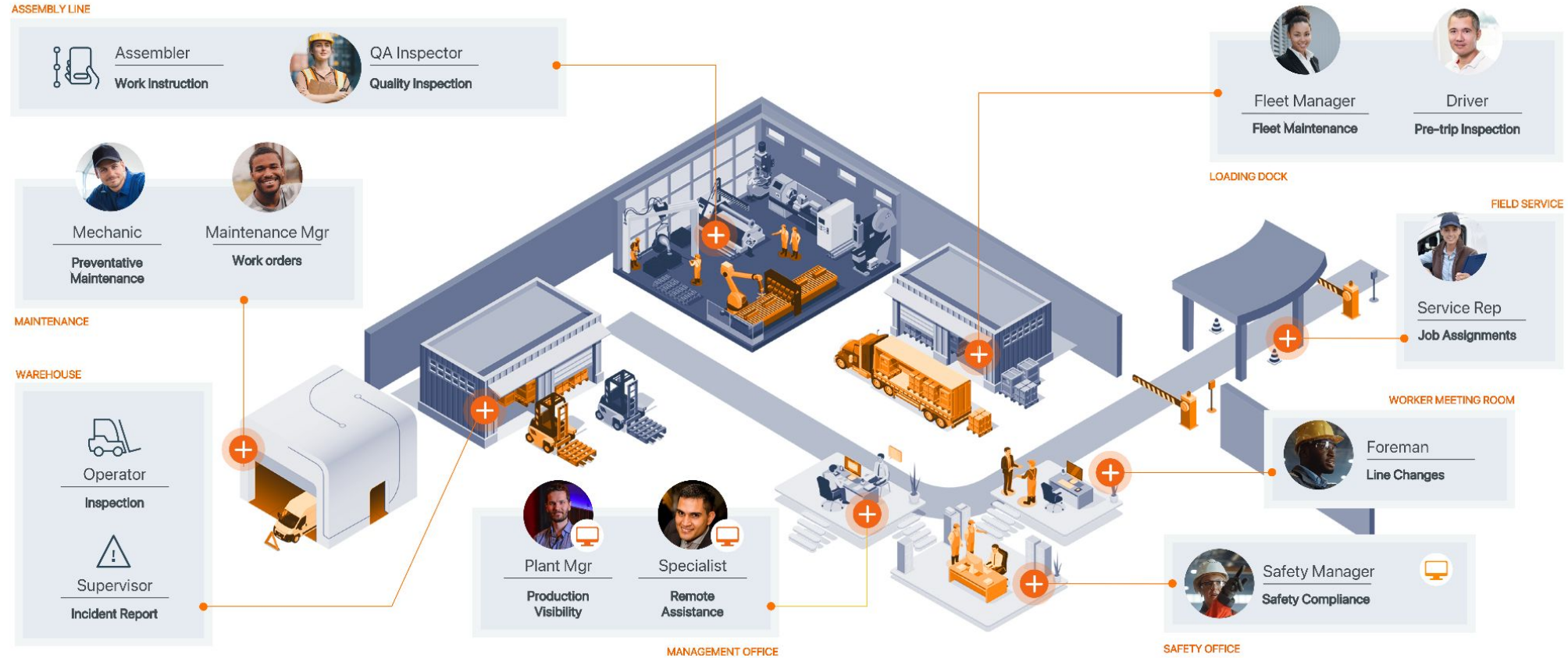
Digitalizing Cuts 2 Days In Defect Response & Fix

- + Instant visibility to defects
- + Digital alerts, details to production
- + Digital fix/verify process
- + Floor-wide unit status visibility



# Operationalizing Digital Intelligence At The Point Of Work

## Creating A Common Frontline Digital Operating System



**+ Safety**

- Lock out Tag out
- Safety Rounds
- Job Safety Analysis
- BOS

**+ Quality**

- Visual Inspection
- Product Release
- Audit / Traceability
- Remote Inspection

**+ Operation, Service & Training**

- Procedural Adherence
- Line Change-overs
- Shift Handoff
- Assembly Instructions

**+ Supply Chain**

- Goods Receipt
- Material Inspection
- Supplier Collaboration
- Certificate of Destruction

**+ Maintenance**

- Troubleshoot and Repair
- Preventative Maintenance
- Remote Expert Collaboration
- Field Service

**+ Asset Management**

- Asset Inspections
- Maintenance & Repairs
- Fuel Management
- Accident Reporting

# AI In Frontline Process Digitalization

## Three Waves Of AI Application



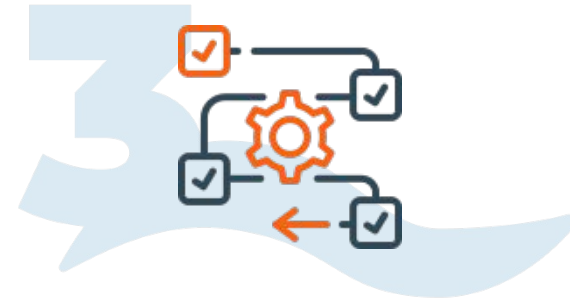
### **Digitalization** -

Ai-powered creation of human process  
“digitalized twins” that guide execution and automate data capture and augment workers



### **CoPilots** -

AI-assisted information with pre/post briefings, coaching and natural language data access



### **Assisted Execution**

-  
Trained AI models able to understand, analyze and optimize process to deliver in-context guidance and training

# Q&A



ROO.AI