# AI agents for the work around the production line

Agents that read your procedures, your orders and your plant records, prepare the work, and stop for a named person. On infrastructure you control.

THE PROBLEM

The templates on the market trigger rework and chase suppliers with nobody approving, and no vendor page we opened says its agents run on your premises. Of 3,163 operations in 20 public industrial and maintenance interfaces, 1,793 change something.

HOW IT WORKS, IN THREE STEPS

STEP 01

## Connect what the agent may read.

Work instructions, procedures, manuals and specifications become knowledge sources, with each reader's permissions kept. Orders, assets and work orders are reached through the description of an interface you already run; plant history through a reporting database, read only.

STEP 02

## Decide where it stops.

Every tool call passes your policy. A tool that changes an order, a schedule or a work order waits for a named person.

STEP 03

## Run it where the data lives.

In your data centre or your private cloud, on a model you serve.

THE RULE EVERY AGENT FOLLOWS

## It prepares. A named person decides.

# Thirty-five agents in nine areas

| | |
|---|---|
| **Plant operations** | Plant Procedures Q&A. Production Scheduler. Shift Handover. Downtime Analysis |
| **Maintenance** | Predictive Maintenance. Maintenance Troubleshooting Assistant. Work Order Drafting. Spare Parts Check |
| **Quality** | Quality Control. Nonconformance Report. Batch Record Review. Customer Complaint Investigation |
| **Supply and inventory** | Supply Chain Delay. Inventory Optimiser. Goods Receipt Discrepancy. Sales and Operations Pack |
| **Procurement and suppliers** | Procurement. Supplier Certificate Check. Supplier Performance Review. Quote Comparison |
| **Engineering** | Engineering Change Impact. Specification Q&A. Work Instruction Drafting |
| **Health, safety and security** | Safety Observation. Incident Investigation Report. Permit to Work Check. Safety Data Sheet Q&A. OT Security |
| **Aftermarket service and customers** | Field Service Assistant. Warranty Claim Check. Customer Order Enquiry. Technical Enquiry |
| **Finance and people** | Invoice Matching. Cost Variance Review. Training Content |

**Also in the pack:** the full list with what each agent reads and where it stops, and the white paper “AI agents inside the manufacturer”, with its sources.

### Seven questions to ask before an agent touches a plant

01 Where does it run, and where is the model?

02 Does it keep each person’s permissions?

03 Which tools change an order, a schedule or a work order, and does each wait for a person?

04 Where is the step at which a named person approves?

05 Can it write to a machine or a line, and what does it do when it does not know?

06 What is recorded, and for how long?

07 Can we stop one agent, one tool, or all of them, at once?

WHERE THE PLATFORM RUNS TODAY

In production at a top-tier bank in Asia, air-gapped, inside the bank’s own perimeter.

MODON built its AI Centre of Excellence on Katonic inside the Kingdom of Saudi Arabia.

ePLDT, the ICT arm of the Philippines’ largest telco, selected Katonic to power Pilipinas AI, a sovereign AI cloud hosted in the Philippines.

## Where to start

One line, one plant, invented data first. A procedures assistant can run on the first day, because no production system is touched.

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