

DEPLOY YOUR WAY

Cloud, Edge, or On-Premises.

SaaS Cloud

Fastest time-to-value. Cloud hosted with ARIA's hosted AI agents included out of the box — works in any browser or on mobile.

Edge + Cloud Hybrid

On-site edge node for IoT-heavy plants. Works fully offline on LAN and syncs later — dispatch never stops when the internet does.

On-Premises

Full data sovereignty on your own server. Air-gapped option for regulated industries. Aligned with UAE data-sovereignty expectations (PDPL).

WHY NOT SAP OR A GENERIC IOT PLATFORM?

- ✓ ERP + IoT unified — not stitched together
- ✓ Built for mid-scale factories, not enterprises only
- ✓ Edge + offline capability built in
- ✓ Go-live in 6–12 weeks, not 12–18 months
- ✓ Raises your ITTI digital-maturity score — aligned with Operation 300bn

Let's Build the Future Factory Together

REQUEST A LIVE DEMO

COMPANY

Pico Automation

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A R I A

Adaptive Resource & Intelligence Automation
Powered by EARMS Engine

AI PLATFORM

A R I A

Adaptive Resource & Intelligence Automation

AI-Powered Factory Intelligence | IoT | Edge
Computing | SaaS | On-Premises

Oil & Gas

Food & Beverage

Industrial Manufacturing

THE PROBLEM

Factories Are Running Blind

ERP, quality, HR, and IoT data live in disconnected silos. Maintenance is reactive, compliance is paper-based, and decisions run on gut feel.

\$627B annual cost of unplanned downtime

60% of factories still on paper-based QC

ONE PLATFORM

Everything your factory needs — connected

- HR** **HR & Workforce** — attendance, shifts, payroll, statutory & WPS-ready payroll
- SC** **Supply Chain** — POs, GRN, vendors, stock ledger & material flow
- PR** **Production** — batches, blending, machine workflows, PM schedules
- QC** **Quality** — inward inspection, in-process QC, fumigation & audit logs
- DS** **Dispatch** — gate pass, 3-stage weighbridge, e-invoice-ready billing, vehicle trips
- FI** **Finance** — journals, vouchers, VAT, real-time dashboards

AI THAT WORKS

Not Just a Buzzword

AI Copilot Designers

Describe a screen or approval flow in plain English — ARIA's agents build it live. New screens in minutes, not sprints.

Decision Intelligence

An AI agent reads pending approvals with full context and recommends approve / reject with a documented reason.

Hosted AI or BYO-LLM

Hosted AI agents included on SaaS — zero setup. Or bring your own: any OpenAI-compatible API, or fully on-premises with Ollama.

NLP Insights

"Which supplier had the most rejections this month?" — ask in plain language, get data-backed answers.

THE DIFFERENTIATOR

Configure everything. Code nothing.

248+ pages, 54 workflows, and every field are data, not code — changed through drag-and-drop designers, live without a deployment.

IOT & HARDWARE

From Sensor to Decision — Fast

Weighbridges, conveyors, checkweighers, PLC & SCADA data flow through an on-site edge node — fully offline-capable — into live dashboards, alerts, and workflows.

MQTT Modbus TCP REST API Webhooks

Tally TDL SAP GRN

UAE e-Invoicing ready (Peppol ASP) ZPL Printers

SMS Email Excel / CSV

PLATFORM PROOF

248+ configurable pages in production

10K+ transactions per day

99.5% system uptime

6 wks average go-live time

TECHNOLOGY

React 18 · Spring Boot 3 / Java 21 · MariaDB · MQTT / Redis · Docker · Multi-LLM AI

Battle-tested in a live edible-oil mill deployment — a proof point aligned with UAE food-security priorities. Mandatory e-invoicing reaches mid-scale UAE factories by July 2027 — ARIA will be ready.