



COMPANY PROFILE · MEXICONOW

Intelligent Industrial Automation for Manufacturing

Cost-effective MES / WMS software with embedded AI, built by specialists with over 30 years of shop-floor experience — driving digital transformation on the plant floor.

Digital Transformation for Manufacturing

ACRON Industrial Automation is founded and managed by a team of experienced engineers. Our staff have over two decades worth of experience in the industry and have served across industries worldwide.

Our founder has over 30 years of experience creating solutions for the automation needs in the manufacturing industry. She has successfully implemented MES systems, together with her team of experts, in automotive plants across different countries.

She holds a master's degree in Industry 4.0, ensuring that ACRON remains at the forefront of cutting-edge technological knowledge. Her work has earned her various international recognitions, including the prestigious "Leading the Way" distinction awarded by the automotive industry.

30+

years of combined experience in tier-1 manufacturing systems

6

modules in the SmartSuite portfolio, plus proprietary Acron Edge IoT hardware

100%

cloud SaaS model, ready to scale across plants and countries worldwide

Mission

Bring tier-1-grade MES/WMS solutions within reach of manufacturing plants of any size, anywhere in the world, with agile implementation and accessible cost.

Differentiator

Software built by people who worked the production floor, combined with conversational AI that turns plant-floor data into immediate decisions.

SmartSuite

WAREHOUSE MANAGEMENT

SmartWMS

Modular warehouse management system that automates material reception through supply to production lines, with complete traceability. Sub-modules: SmartReception, SmartSupply, SmartInventory, SmartAnalytics.

REAL-TIME TRACEABILITY

SmarTrack

Core traceability system of the suite: ensures manufacturing quality through component tracking, process validation, and packaging control. Includes SmartPack and SmartStencil.

MAINTENANCE

SmartMaint

Preventive and corrective maintenance management system that controls work orders, optimizes response times, and reduces unplanned downtime through Kanban-style visual tracking.

ANALYTICS & KPIS

SmartAndon

Real-time dashboards, reports and KPIs — OEE, MTTA, MTTR, top failures — pulling data from every SmartSuite module, plus Excel, databases and APIs.



Acron Edge

Our proprietary industrial IoT device connects to any production equipment — regardless of brand or age — detecting downtime in real time and automatically alerting the right team.

SmartStencil in Action

Automated stencil lifecycle and solder-paste quality control for SMT printing operations, ensuring full traceability and defect prevention.

Complete component traceability

Base, stencil, solder paste and squeegees are all tracked through their full lifecycle.

Usage-based alerts

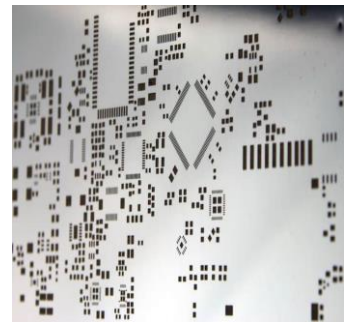
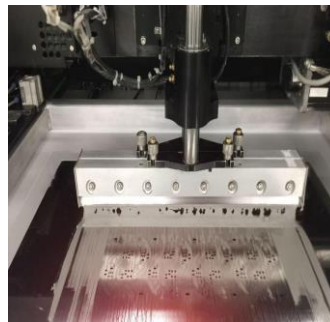
Smart alerts flag the optimal moment for replacement before quality is affected.

Usage-time control

Monitors time on the production line and solder-paste shelf life automatically.

Manufacturing system integration

Connects directly with factory systems for a single, real-time source of truth.



Acron Edge stencil monitor · solder-paste printing · SMT stencil pattern

Meet Ari

Ari is the AI agent ACRON is building into SmartMaint: based on the failure code and equipment type, it delivers real-time, step-by-step instructions straight to the technician responsible — turning troubleshooting into a guided conversation.

Conversational

Technicians interact with Ari in natural language — no dashboards or menus to learn.

Guided resolution

Delivers real-time, actionable repair instructions based on the specific failure and equipment.

Plant-floor context

Draws on real equipment history, spare parts and work orders — not generic answers.

Less dependency on senior expertise

Shortens resolution time and helps every technician troubleshoot like a specialist.

ARI — CONCEPT PREVIEW

Ari — SmartMaint Assistant

ONLINE

Line 3, press station — fault code E-114, hydraulic pressure drop.

Checking equipment history for Press 3... this fault was last seen 6 weeks ago — hydraulic seal wear. Here's what to do:

1. Inspect the hydraulic seal on cylinder B
2. Reset the safety relay
3. Log the part for replacement

On it — opening the work order now.

Work order MR-1042 created and assigned to you. Estimated resolution: 12 min.



You've heard from us. We want to hear from you.

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