



CA INDUSTRIAL
SYSTEMS LLC

Industrial Expertise. Proven Impact.

20+ years of hands-on experience in industrial automation and digital transformation. We help manufacturers modernize legacy systems, integrate advanced technologies, and achieve measurable results.



20+

YEARS
INDUSTRIAL AUTOMATION
EXPERIENCE



50+

SUCCESSFUL PROJECTS
ACROSS MULTIPLE
INDUSTRIES



375+

ROBOTS MANAGED
IN HIGH-VOLUME
PRODUCTION



690+

ASSETS DIGITIZED
FULL TRACEABILITY &
MAINTENANCE SYSTEMS

OUR CAPABILITIES



PLC / SCADA / MES MODERNIZATION

Modernize legacy systems and build a solid foundation for the future.



INDUSTRIAL AI & REAL-TIME ANALYTICS

Turn production data into actionable insights and AI-driven decisions.



ROBOTICS & LINE INTEGRATION

Integrate robotic systems to optimize throughput, quality and flexibility.



IIOT & DATA-DRIVEN MANUFACTURING

Connect machines, people and systems with secure, scalable IIoT solutions.



FACTORY STARTUP & END-TO-END EXECUTION

From greenfield setup to ramp-up, we deliver complete, reliable solutions.

WHAT WE DELIVER

- ✓ Real-time production visibility
- ✓ Predictive maintenance infrastructure
- ✓ AI-supported decision systems
- ✓ Operational efficiency & quality improvement
- ✓ Scalable digital factory architecture
- ✓ Measurable ROI and long-term value



We don't just implement systems, we deliver results that drive your business forward.

PROVEN PROJECT EXPERIENCE



WELDING DATA ANALYTICS SYSTEM (HYUNDAI)

- 375 robots monitored in real-time
- AI-supported root cause analysis
- Downtime reduced from 2 hours → 20 minutes
- Awarded "Best Project of the Year"



THERMOFORM MES INTEGRATION

- 16 machines fully digitized
- MES + ERP integration
- AI-supported production feedback system
- Full shop-floor visibility achieved



PRESS TRACKING & QUALITY TRACEABILITY

- QR-based part tracking system
- Defect tracking before paint stage
- Full digital quality history per part
- End-to-end traceability infrastructure



SMART MAINTENANCE ADVISOR (AOA SYSTEM)

- Digital troubleshooting platform
- Reduced dependency on expert technicians
- Faster fault response & resolution
- Integrated maintenance tracking system



LEAK TESTING & AI FEEDBACK SYSTEM (EV BATTERY)

- Custom test machine designed
- Robot-assisted leak detection
- Real-time feedback to welding robots
- First-of-its-kind application



EMISSION MONITORING SYSTEM (GLOBAL)

- SF₆ gas monitoring across 20,000 m²
- mg-level measurement precision
- Deployed in 6 factories worldwide
- Full regulatory reporting compliance



BODY EARLY WARNING SYSTEM

- Real-time material tracking
- Production stop prevention
- Operator-level visibility (forklift integration)



SMART DIAGNOSTIC SYSTEM

- No PLC knowledge required
- Visual root cause analysis
- Faster troubleshooting
- Reduced downtime significantly

TECHNOLOGIES WE WORK WITH

SIEMENS



BECKHOFF

OMRON



WHY CA INDUSTRIAL SYSTEMS?

- ✓ Deep hands-on engineering expertise
- ✓ Proven delivery in complex environments
- ✓ Strong integration capability (IT + OT)
- ✓ Real results – not theoretical consulting
- ✓ Long-term partnership approach

READY TO TRANSFORM YOUR
MANUFACTURING OPERATIONS?

Let's build a practical, execution-ready roadmap tailored to your facility.

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CA INDUSTRIAL
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OUR MISSION

To help manufacturers build smarter, more efficient and more connected factories.



OUR VISION

To be a trusted partner in building the next generation of smart manufacturing.