



DIGITAL TRANSFORMATION FOR INDUSTRY

Turn Plant Data into Decisions

We integrate, configure and commission modern technologies across manufacturing and automotive operations — dashboards, data backbone and AI — without disrupting what already works.

Synergy Autobotics LLC · Chicago, IL · synergyautobotics.com

THE CHALLENGE

Your data is working against you

1

Trapped in silos

PLCs, SCADA, MES and ERP don't talk; data lives in islands no one can act on.

2

Manual reporting

Teams rebuild the same spreadsheets weekly; decisions arrive late and inconsistent.

3

Disconnected systems

New tech gets bolted on, not integrated — adding complexity instead of clarity.

OUR APPROACH

Integrate, configure, commission

1

Integrate

We connect proven platforms (Ignition, PI, TIA, SAP, cloud IoT) to your equipment via OPC UA, MQTT and REST — one reliable data backbone.

2

Configure

Role-based dashboards, KPIs, alerts and pipelines tuned to your processes — OEE, cycle time, scrap, downtime, energy and throughput.

3

Commission & operate

We validate, go live, and run it alongside your team. We're integrators and operators — not custom software developers.

CAPABILITY

Dashboards & operational analytics

Real-time visibility for the shop floor and the boardroom. Track OEE, cycle time, scrap, downtime, energy and throughput with role-based KPIs — on-prem, cloud or hybrid.

Alerts, root-cause drill-downs and mobile views put the right number in front of the right person.

OEE & throughput

Downtime & scrap

Energy & cost

Mobile & alerts

Real-time

One source of truth, floor to board

CAPABILITY

Data engineering & integration

A reliable data backbone for Industry 4.0 — connecting the plant to the cloud with quality and governance built in.

SOURCES

- PLCs & robots
- SCADA / MES
- SAP & ERP
- Sensors / IIoT

PIPELINE

ETL / ELT · quality · governance · edge-to-cloud

OUTCOMES

- Dashboards & BI
- Historians
- AI / ML models
- Governed data

CAPABILITY

AI integration

Bring intelligence into production where it pays off — connected to your existing systems, edge-to-cloud.

Predictive maintenance

Computer vision QC

Anomaly detection

Digital twins

Throughput forecasting

AI copilots

Edge AI / IIoT

MLOps

RPA & workflow

Technologies we integrate

AUTOMATION

Rockwell ControlLogix • FactoryTalk • Siemens TIA / S7 • WinCC • Beckhoff
TwinCAT

DATA & IOT

OPC UA • MQTT • Kepware • Ignition • AVEVA / PI • OSIsoft • InfluxDB •
Kafka

CLOUD & BI

Azure IoT • AWS IoT • GCP • Power BI • Grafana • Tableau • SQL /
PostgreSQL

ERP & ROBOTICS

SAP S/4HANA • SAP DM & BTP • ABB • FANUC • KUKA • Yaskawa

A delivery model that fits

1

Remote

We extend your team remotely — integration, configuration and monitoring without travel overhead.

2

On-demand

Experts deployed for a defined scope or milestone; scale up and down as the project needs.

3

In-field

Engineers on site for commissioning, start-up and hands-on support when it matters most.

WHY US

Why Synergy

1

One accountable partner

From sensor to dashboard to AI — integration, not a pile of disconnected tools.

2

Industrial DNA

Automotive and heavy-industry engineers who speak PLC, robot, safety and data.

3

No rip-and-replace

We build on what you have and add value fast, without disrupting production.

4

Proven across industries

Automotive, manufacturing, mining and metalworking — with measurable results.



Let's modernize your operation.

Start with one line or one KPI — we'll show value in weeks, not years.

LET'S TALK

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