



SERVICES PRESENTATION 2026

Your Partner in Advanced Solutions

Engineering, automation, robotics and turnkey integration for automotive and industrial manufacturing — strategy and alliances that turn complex challenges into running production.

Synergy Autobotics LLC · Chicago, IL · synergyautobotics.com

WHO WE ARE

A strategy & alliance company for engineering

Synergy Autobotics delivers automation and robotics solutions with talent trained and certified in engineering, production lines and complex systems for the automotive industry — backed by trusted partners and more than 15 years of experience.

15+

Years of experience

6

Service lines

100%

Turnkey capable

Synergy Autobotics LLC · Chicago, IL (USA) · Torreón, Coahuila (México)

WHAT WE DO

Six service lines, one partner

Controls & Automation

PLC programming, safety networks, HMI, vision and quality control.

Robotics & Joining

Welding, painting, material handling, sealing and collaborative robots.

Project Management

Skilled technical teams, planning and execution tailored to your project.

Electromechanical

Turnkey design and installation with our partner OCC.

Solar Energy

Photovoltaic systems with our partner My Energy.

AI & Digital

Predictive maintenance, vision, digital twins and dashboards.

SERVICE 01

Controls & automation

We optimize industrial processes for efficiency and safety with custom automation — from PLC code to vision-based quality control.

PLC programming

Safety devices configuration

Databases & alarm systems

Production support

Industrial & safety networks

HMI programming

Cycle-time improvement

Vision systems & QC

Robotics & joining

Advanced robotic systems for automotive manufacturing — consistent quality, less waste and safer work in hazardous environments, with higher productivity.

Welding

Material handling

Sealing & dispensing

Press tending

Painting & coating

Machine tending

Cutting & deburring

Collaborative applications

Project management

From the outset we define the ideal configuration and service model, assemble skilled technical teams and deliver a smooth, successful execution for your operation.

Comprehensive needs analysis

Resource & capacity planning

Operations coordination

Scheduling & milestones

Machine tending

Cost & progress monitoring

Electromechanical & solar

WITH OCC

Electromechanical (with OCC)

Turnkey steel structures, equipment installation, electrical and control wiring, piping and final commissioning — delivered together with our partner OCC.

WITH MY ENERGY

Solar energy (with My Energy)

Photovoltaic systems for industrial and commercial facilities — engineering, supply, installation and maintenance with our partner My Energy.

SERVICE 06

AI & digital transformation

We bring AI and data to the factory floor — connected to your existing PLCs, robots and MES, edge-to-cloud.

Predictive maintenance

Computer vision QC

Digital twins

AI copilots

Edge AI / IIoT

MLOps

Dashboards & analytics

Data integration

WHY US

Why Synergy

1

Turnkey with trusted partners

Through OCC and My Energy we deliver electromechanical and solar projects end to end — one accountable partner for the whole scope.

2

Certified, experienced talent

Engineers trained and certified in automation, robotics and complex automotive systems — more than 15 years in the field.

3

USA & Mexico presence

Offices and teams across the border — on-site support where your plants are.

4

Measurable results

We target downtime, scrap, quality and schedule — and prove the numbers on the floor.



Let's build it together.

Tell us your line, your challenge or your project — we'll bring the right team.

LET'S TALK

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