

"Engineering the Future of Industrial Automation"

From turnkey robotic systems to AI-powered inspection—delivering European excellence from the heart of Brasov.

European Engineering Excellence from a Best-Cost Hub.

The Heritage



20+ Years Experience

Specialized in high-tech engineering for Industrial Automation & Robotics.

The Advantage



Operational Efficiency

Leveraging a Romanian operational hub to deliver competitive rates without compromising European quality standards.

The Scope



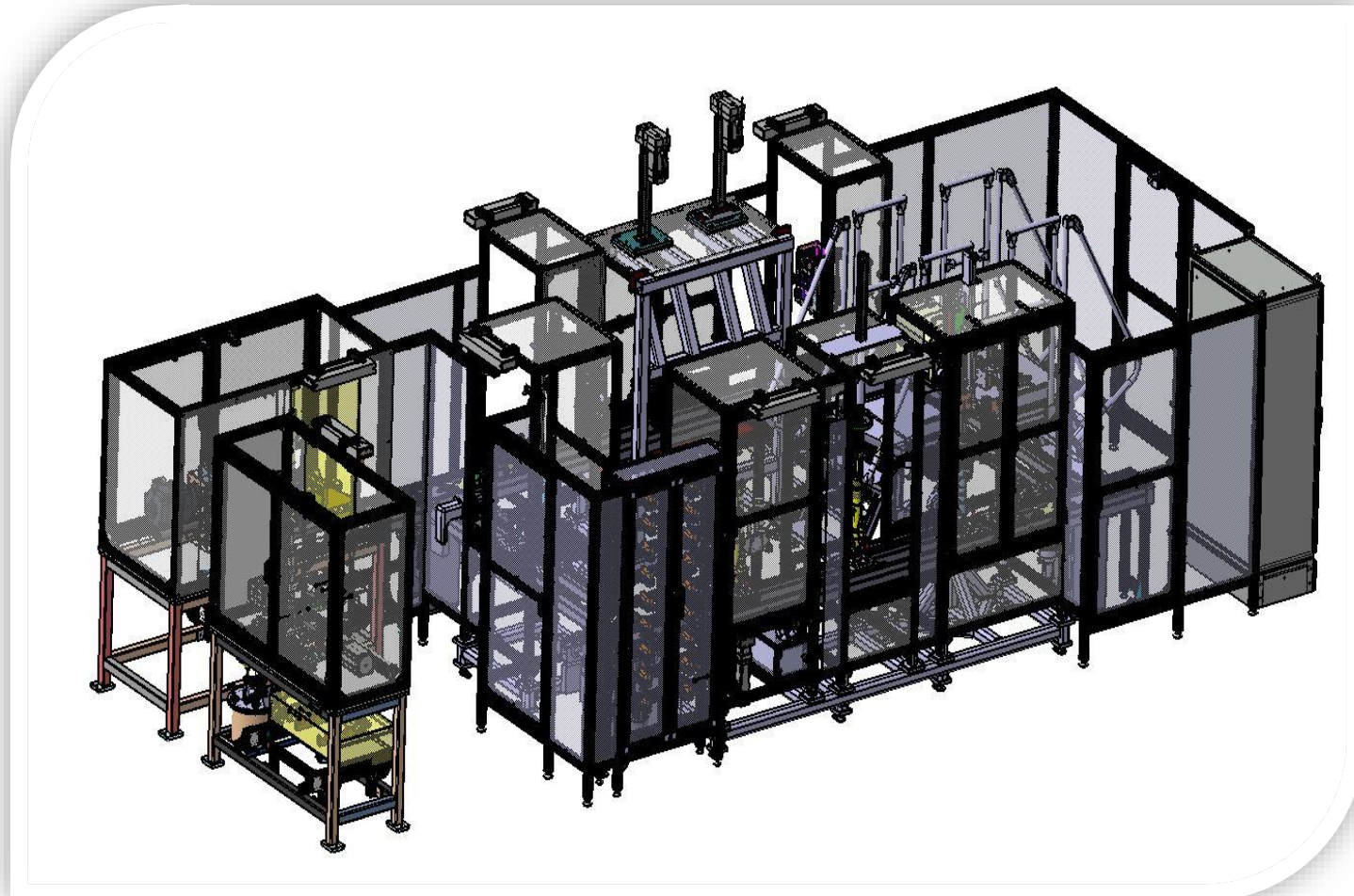
Global Impact

Serving industry giants like Bosch, Siemens, and Airbus with turnkey solutions.

Optimizing the Triangle of Quality, Cost, and Innovation



End-to-End Responsibility: From Concept to Commissioning

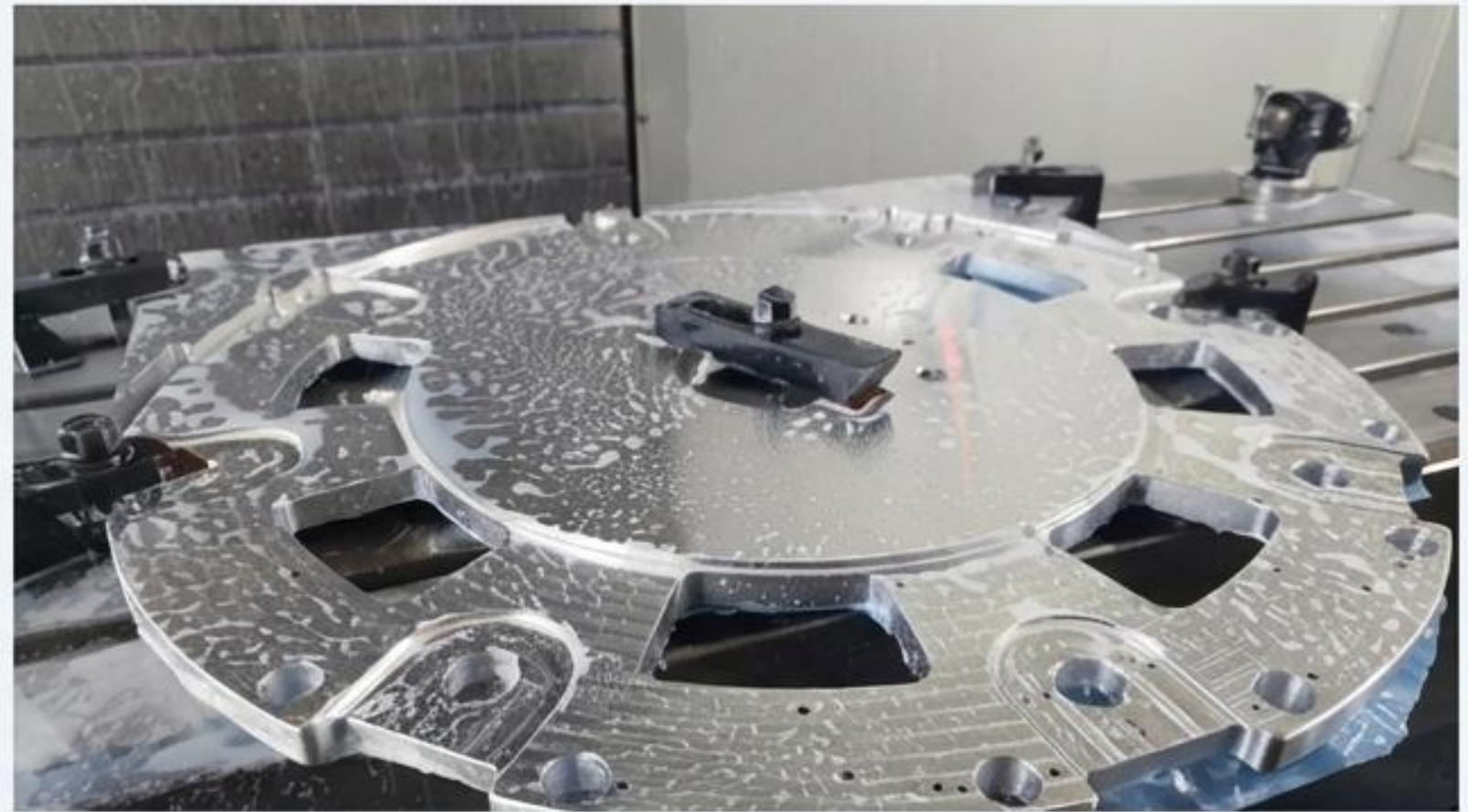


The Physical Foundation: Precision Manufacturing & Tooling.

Key Capabilities

- **CNC Manufacturing:** High precision parts, milled fixtures, and welded structures.
- **Material Versatility:** Experience with plastic, sheet metal, foam, rubber, and composite parts.
- **Fixture Types:** Welding, mounting, testing, and measuring fixtures.

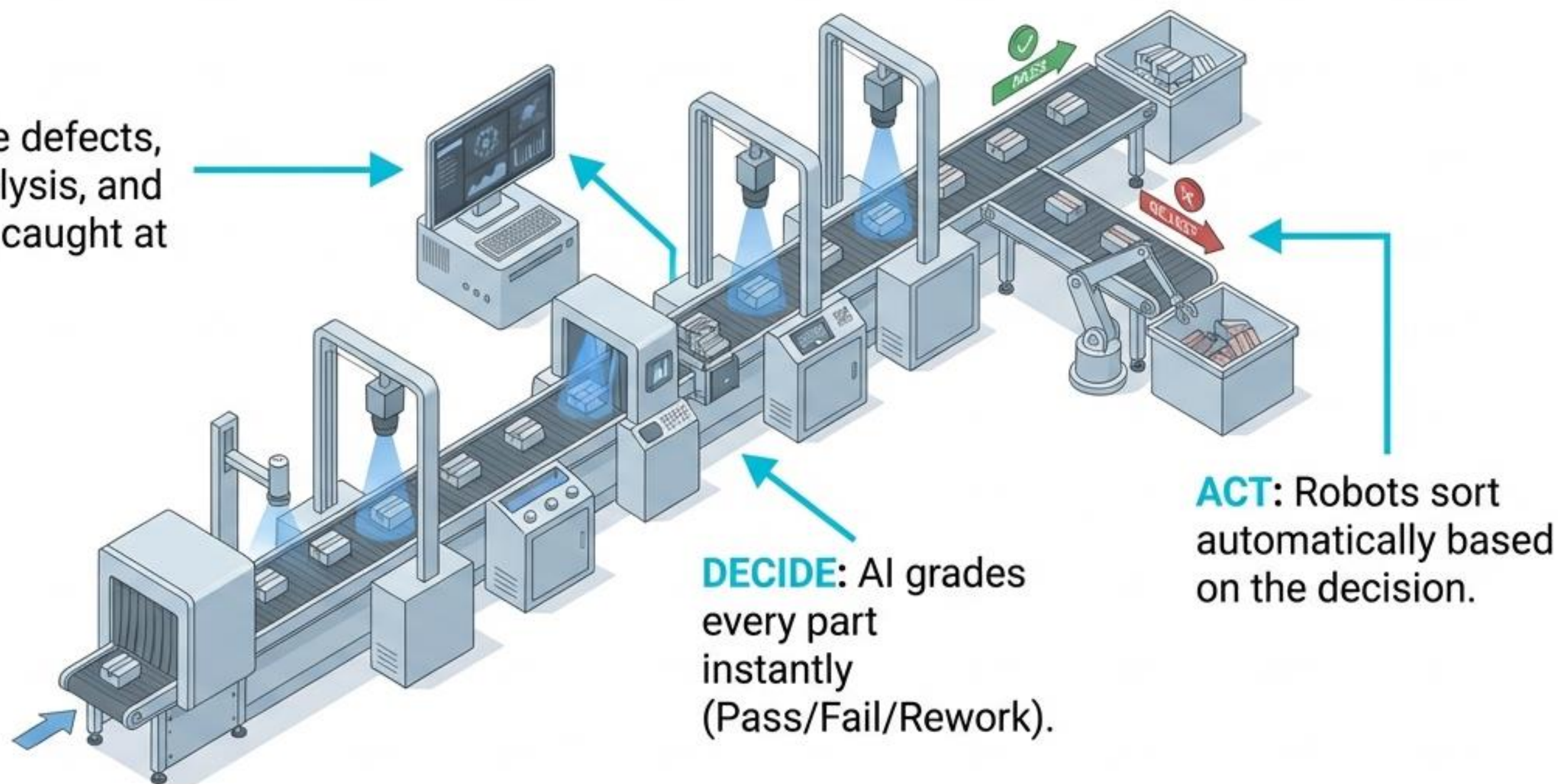
CADITEC TOOLING



The AHEAD Workflow: Detect, Decide, Act

Caditec Cyan

DETECT: Surface defects, dimensional analysis, and assembly errors caught at line speed.



From OCR code reading to anomaly detection, the AHEAD platform unifies camera connectivity, edge AI, and data management.

Quantifiable Impact: Automating Quality Control.

92%

Fewer Defects



AI inspects every single part.
Defects are caught at the source
where fixing costs €1, not €1,000.

48%

Less Unplanned Downtime



Predictive maintenance detects
wear patterns weeks before
failure.

6-10 Months

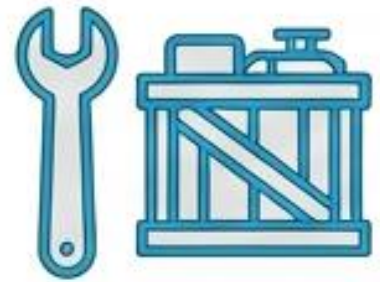
Payback Period



Savings are immediate through
less scrap, reduced rework, and
lower warranty costs.

Every Part Inspected. Every Failure Predicted.

Global Relocation & Commissioning



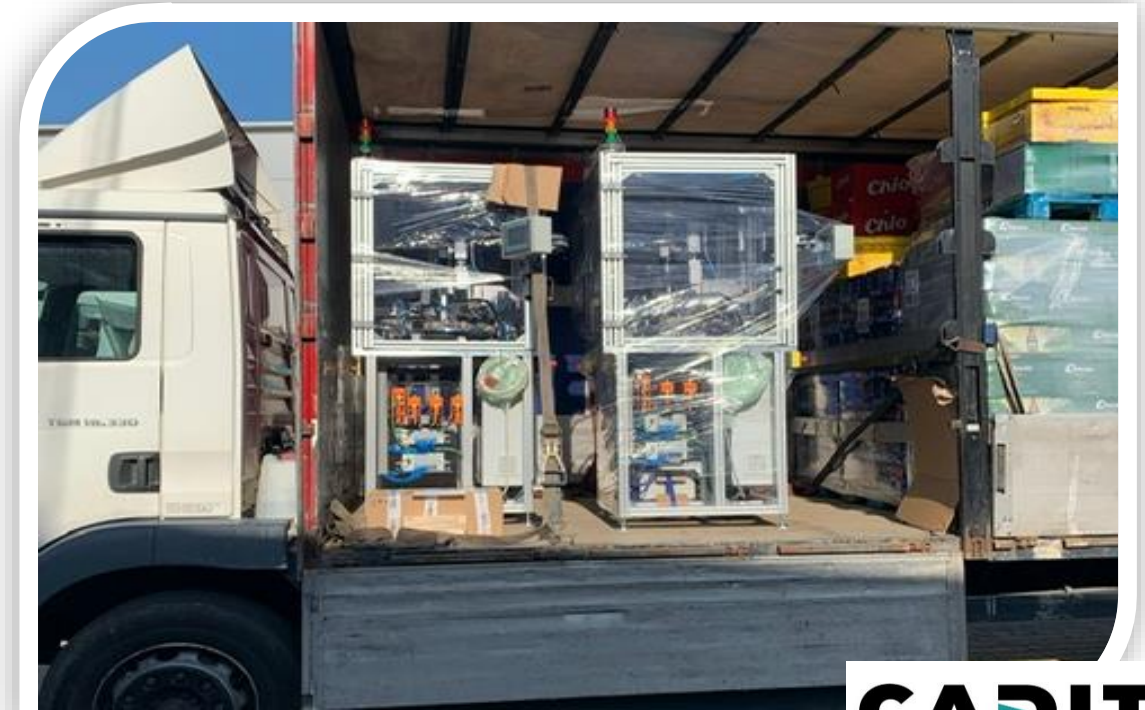
Dismantling:
Mechanical/electrical unmounting
and packing.



Logistics:
Transport and insurance
management.



Re-commissioning:
Remounting at the destination,
functional verification, and program
preservation.



Empowering Your Team: The NUARB Training Academy



State-of-the-Art Labs

Mobile technical labs for on-site training.



Curriculum

Electro-pneumatics, PLC programming, Sensors, Machine Safety, and Robotics.



Audience

Customised 'hands-on' training for both blue-collar operators and white-collar technical staff.

Our Technology Stack

Platform-agnostic experts fluent in your standard.

Design				
Robotics				
Control				
Vision				

Trusted by Global Industry Leaders

“Our references prove the quality and reliability of our work, helping multinational partners increase competitiveness.”



BOSCH

SIEMENS

SCHAEFFLER

AIRBUS



Automotive

Assembly lines, testing fixtures.

Aerospace

Engineering for Aerospace.



Electronics

Precision assembly.

The Caditec Advantage



- **European Quality, Romanian Efficiency**

Competitive Price/Quality ratio with lower administrative costs.



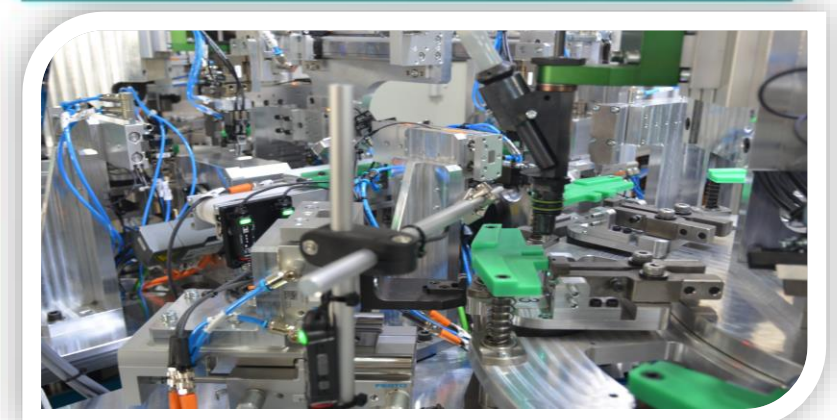
- **Flexibility**

Customer-oriented project management and fast adaptation.



- **Innovation**

From standard fixtures to Industry 4.0 digital transformation.



Partnering for Efficient Industrial Solutions.

Let's discuss your next turnkey automation project.



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CADITEC