



# SYSTEMS INTEGRATOR

Engineering Resilience with  
Automotive-Grade  
Precision



# THE 2026 TRANSFORMATION

**From a specialized component supplier to a global system integrator. We orchestrate the entire value chain.**

# OUR CODE

**AUTOMOTIVE PRECISION.  
YOUR VISION, INTEGRATED.**

Doing what larger suppliers won't and the smaller ones can't.

# STRATEGIC RESILIENCE

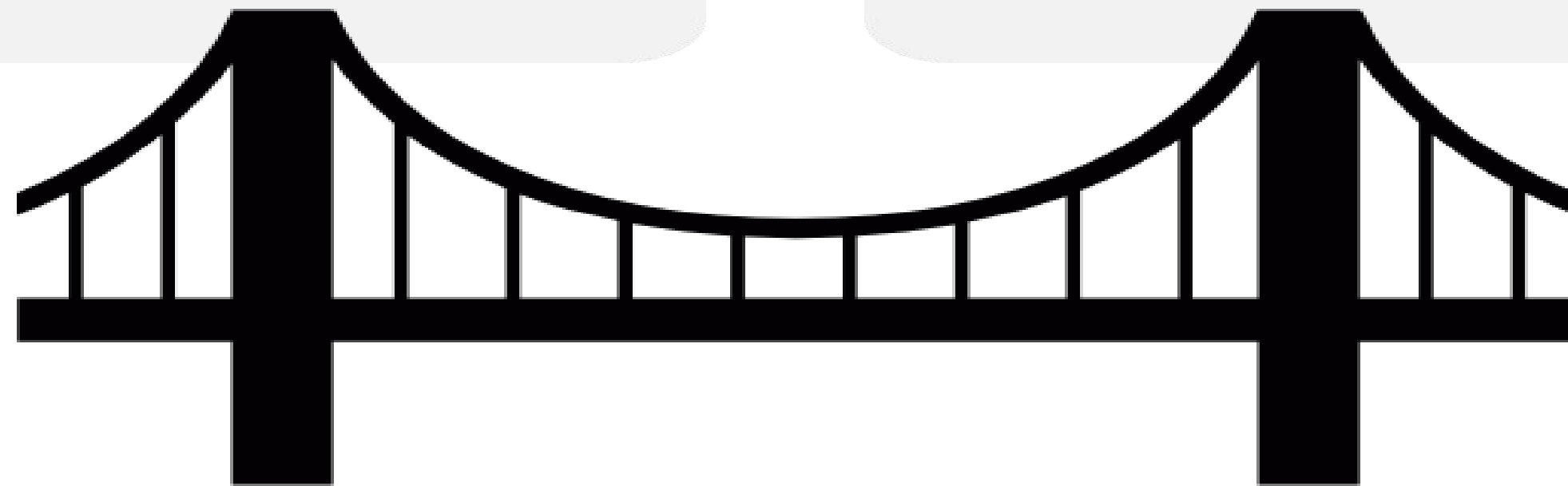
## The Automotive Anchor

We apply the uncompromising IATF 16949 zero-defect rigor of the automotive sector to industries that previously did not know this standard.

The result: Unrivaled reliability for Home Appliances and Industrial Business.

## Cross-Sector Expansion

While deepening our foundation in the automotive sector, we are scaling massively in Mechatronics and Smart Infrastructure.



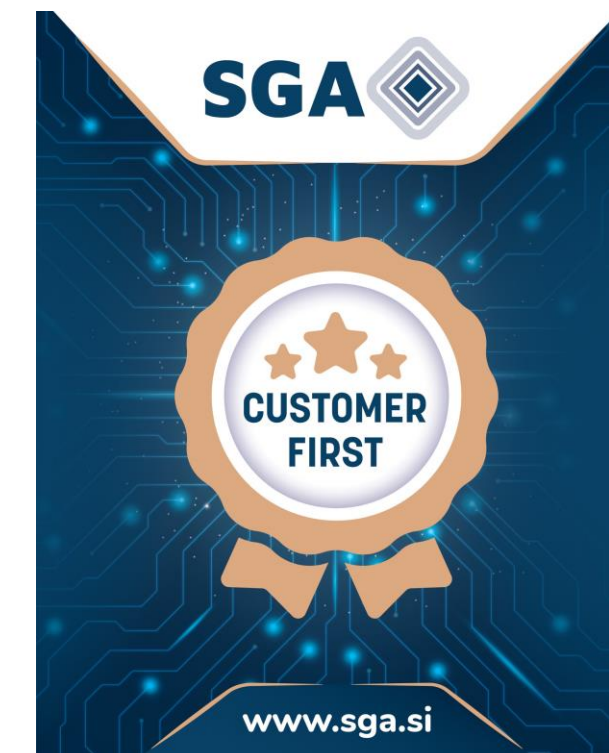
"We de-risk your business through sector-agnostic reliability."



# TRUST OF THE MARKET LEADERS

## MOBILITY

## INDUSTRIAL



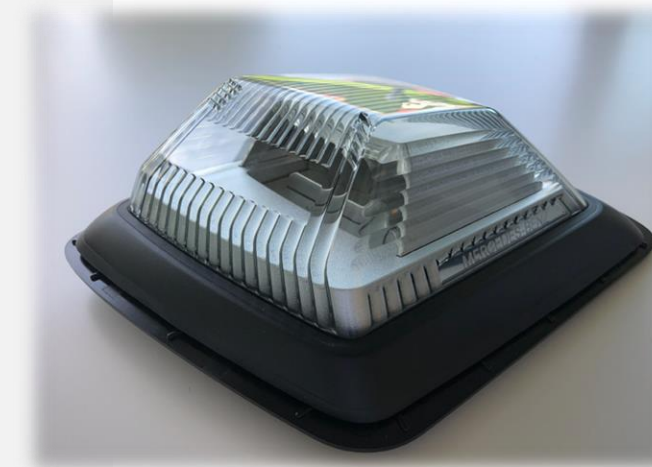
# HERITAGE OF INNOVATION

LED MASTERY SINCE 1998  
3 Decades of Automotive Excellence.

## The First Mover Advantage

In the late 1990s, SGA was one of the first European pioneers to implement LED-populated PCBs for German premium OEMs.

- › **1997:** Founded as CMP Electronic (specialized wire harness production).
- › **Late 90s:** Launching the first LED-populated signal lights for German luxury automotive brands.
- › **27+ Years of Experience:** Continuous mastery of "Zero-Defect" culture (2.0 PPM rate) born in high-end vehicle lighting.



# STATE-OF-THE-ART EMS

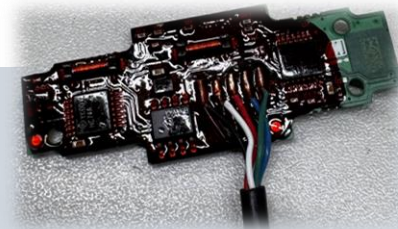
## World-Class Infrastructure

- › 4 high-speed SMT lines, wave and selective soldering lines, flying probe, X-Ray ... optimized for prototypes through large-scale series production.
- › Our core: 5 KARDEX lift systems for 100% traceability and climate-controlled storage.
- › On more than 3,500 m<sup>2</sup> of specialized production space, we combine efficiency with the highest precision – Made in EU.



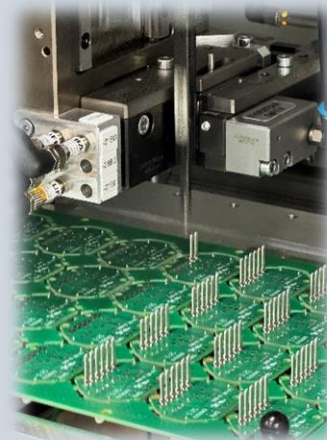
# BEYOND STANDARD PCBA

1



## Harsh Environment

Optimized for reliability: selective soldering for precise assembly, conformal coating for environmental protection, and press-fit technology for superior vibration resistance.



2

## Advanced Protection

Ultrasonic welding for hermetic sealing and integration of 3D molded parts (foam/non-woven).

3

## Zero-Defect Filter

Fully automated 3D AOI, in-circuit tests (ICT), flying probe, and X-ray analysis.

## THE INNOVATION ECOSYSTEM

### Global Orchestration

SGA acts as the Lead Integrator. We manage specialized elite partners to deliver turnkey systems:

- › **Auralix:** Highly reliable electronic products R&D
- › **Tecos:** Injection molding R&D
- › **Penca:** Trustful partner for complex plastic parts and assembly
- › **Odenwald Insulation:** Thermal & acoustic insulation



# SGA & ODENWALD INSULATION

## Integrated Sovereignty: Electronics meets Advanced Insulation

Through our sister company Odenwald Insulation, we deliver full "Box-Build" solutions where others only deliver parts.

- › **3D Molded Parts & Foam Systems:** For thermal and acoustic insulation.
- › **Market Reach:** Leading in Automotive, Industrial, and Construction sectors.

**We combine SGA's "Electronic Brain" with Odenwald's "Protective Body" into a single, high-performance module.**



# INTEGRATION IN ACTION

## AUTOMOTIVE INTERIOR

Integrated Ambient Lighting



## HOME APPLIANCES

High-Efficiency Induction. Engineering the "electronic heart" (PCBA) for premium hobs with automotive-grade 2.0 PPM reliability.



## SMART INFRASTRUCTURE

LED street lighting with automotive-grade optics



## INDUSTRIAL MECHATRONICS

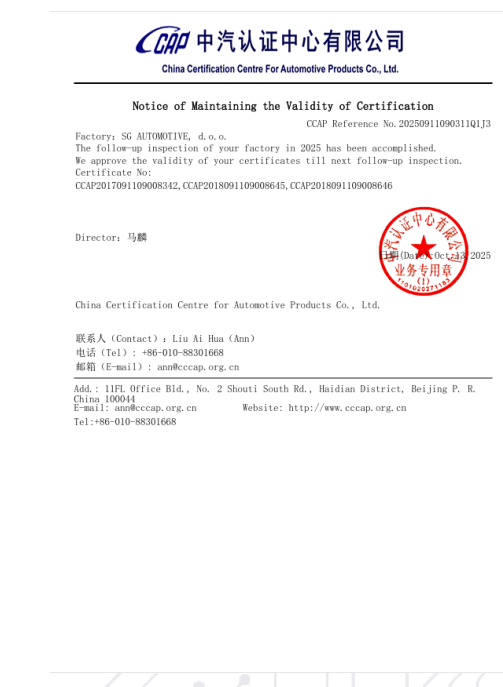
Control boxes & HMI touch displays for complex motion control



## THE STANDARD FOR EXCELLENCE

### Certifications

- › **IATF 16949:2016:** Highest process security and zero-defect tolerance
- › **ISO 9001:2015:** Continuous optimization of all business phases
- › **ISO 14001:2015:** Sustainable production in the "Green Heart of Europe."
- › **CCC Certification:** Readiness for Chinese and global market access



# HARD FACTS: STABILITY

35%

## Equity Ratio

Stabilized by the professional governance of the ECP Group.

30% CO2 reduction by 2030

2.0

## PPM Rate

World-class automotive standard for all sectors.

Digital Product Passport Ready

470+

## Total Workforce

100+ Internal Experts & 370+ Partner specialists.

~€30M Revenue Projection



# ARCHITECTING THE FUTURE TOGETHER

"In a world of components,  
we provide the system.

Let's build the next generation together."



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Member of ECP TacOp Group - May 2026