



Automotive Synergies GmbH & Co. KG

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Homepage:

<http://www.automotive-synergies.com>

Company Profile



- ▶ **Established in 2003**
- ▶ **Located in Germany, Schwabach (HQ, E-Fab) & Slovenia, Pristava (wire harness) and Vrbno (final assembly technologies)**
- ▶ **In total more than 4.000 m² production area**
- ▶ **75 employees**
- ▶ **Development and production of electronic systems**
- ▶ **Markets: 37% trucks, 60% passenger cars, 3% others**
- ▶ **Certified according to ISO 9001:2015 and ISO 14001:2015**

<i>Product</i>	<i>Platform (OEM)</i>	<i>Customer</i>
▶ RCU (Roof Control Unit)	Fiat 500 convertibles	Magna CTS
▶ Latch sensors	Convertibles Porsche, Boxster, 911 and Audi TT	Magna CTS Webasto Edscha
▶ Thermo management unit for electrified vehicles	VW/Audi/Porsche/Bentley/Lamborghini PHEV & BEV	VW Group
▶ Truck mirror control	MAN	Mekra
▶ Distance control display	Daimler Sprinter Park Pilot	Mekra
▶ Wire harnesses	Caterpillar, Daimler, John Deere, MAN, Porsche, Renault, Scania Unimog, Volvo	Mekra, Magna
▶ Outside signal lights	Mirrors Porsche Panamera Audi Q2 – Q4	Magna Mirrors Magna Mirrors

Process

- ▶ SMT assembly
- ▶ Reflow soldering
- ▶ Wave soldering
- ▶ Selective soldering
- ▶ Stroke dip soldering
- ▶ Stamp soldering
- ▶ Screwing
- ▶ 3D Printing
- ▶ Ultrasonic welding
- ▶ Vibration welding
- ▶ 3D Dispensing
- ▶ Crimping machines

Control & Testing

- ▶ AOI
- ▶ ICT
- ▶ Climatic chambers
- ▶ CT & X-ray
- ▶ 3D Scan

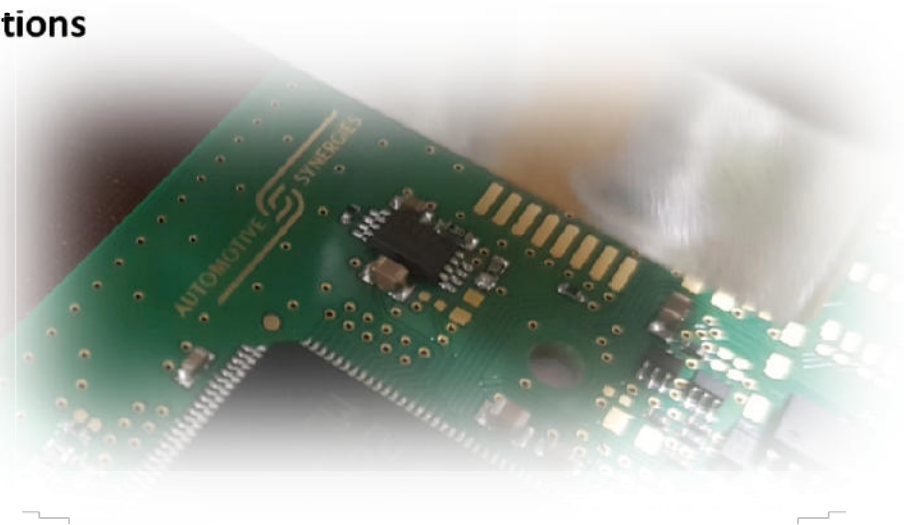
Manufacturing Company

- Fuji
- SMT
- Seho
- Seho
- Seho
- SPU Alpha
- Desouter
- FDM
- Branson
- Branson
- Scheugenpflug
- Komax

- Viscom
- Aeroflex
- Vötsch
- Yxlon
- Ametek/Creaform



- ▶ **Concept design according to product specifications**
- ▶ **Circuit development and layout**
- ▶ **Software development**
- ▶ **Development of user interfaces**
- ▶ **Housing construction**
- ▶ **Development of connection technologies**
- ▶ **Product management**
- ▶ **Research projects**
- ▶ **Product validation**
- ▶ **Process development and optimization**





- ▶ **Integrated logistics system**
- ▶ **Packaging development and container management**
- ▶ **Shipping according to customer requests (EDI etc.)**
- ▶ **„Just In Time“ delivery**
- ▶ **Material logistics and purchase**
- ▶ **Variant management**
- ▶ **Prototypes and sample construction**
- ▶ **Traceability, process and product**



- ▶ **Establishment of testing concepts and individual testing systems**
- ▶ **Cutting-edge testing systems**
- ▶ **Validation and sampling according to customer requests**
- ▶ **Solid complaints processing and failure analysis**
- ▶ **Integrated quality management system according to ISO 9001:2015 and ISO 14001:2015**
 - > **Process monitoring**
 - > **Controlled production environment**
 - > **Product and process audits**
 - > **Traceability material and process**
 - > **etc.**