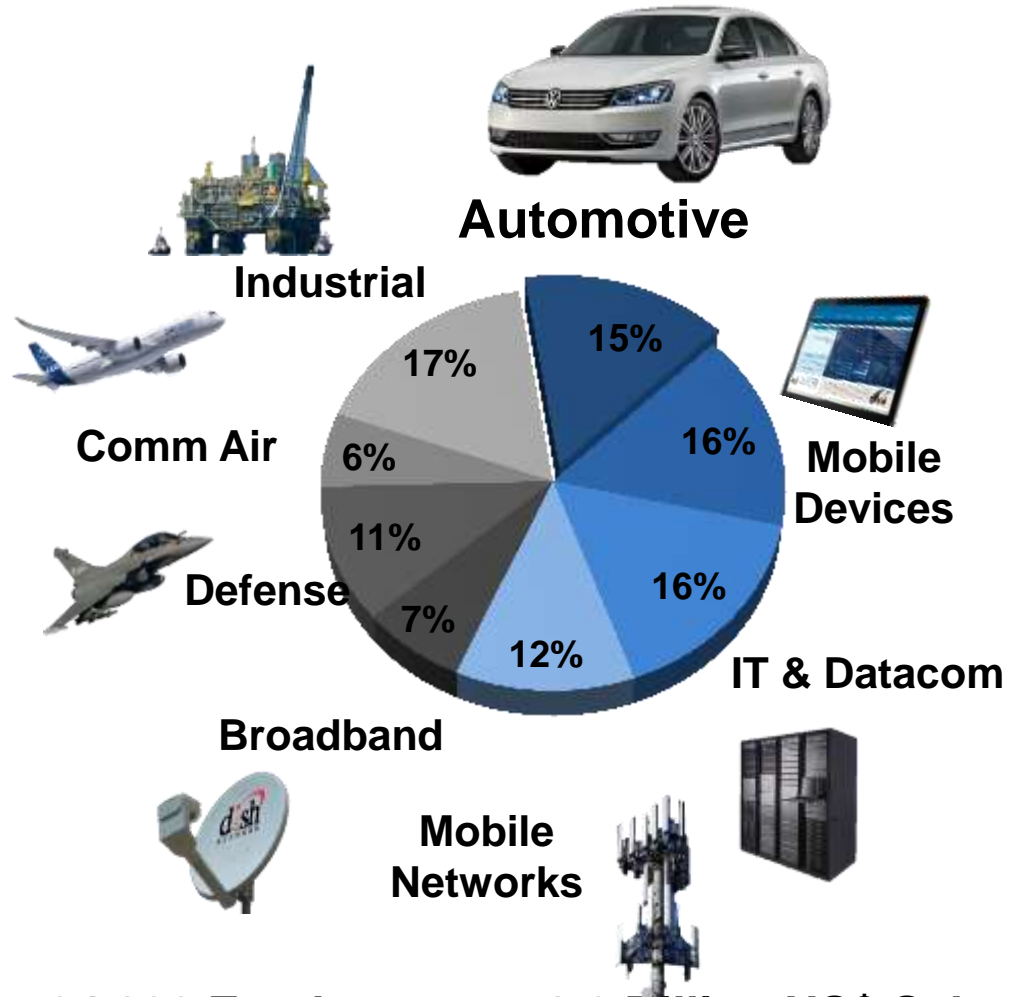


Amphenol ASPG

Automotive and Sensor Products Group

Amphenol

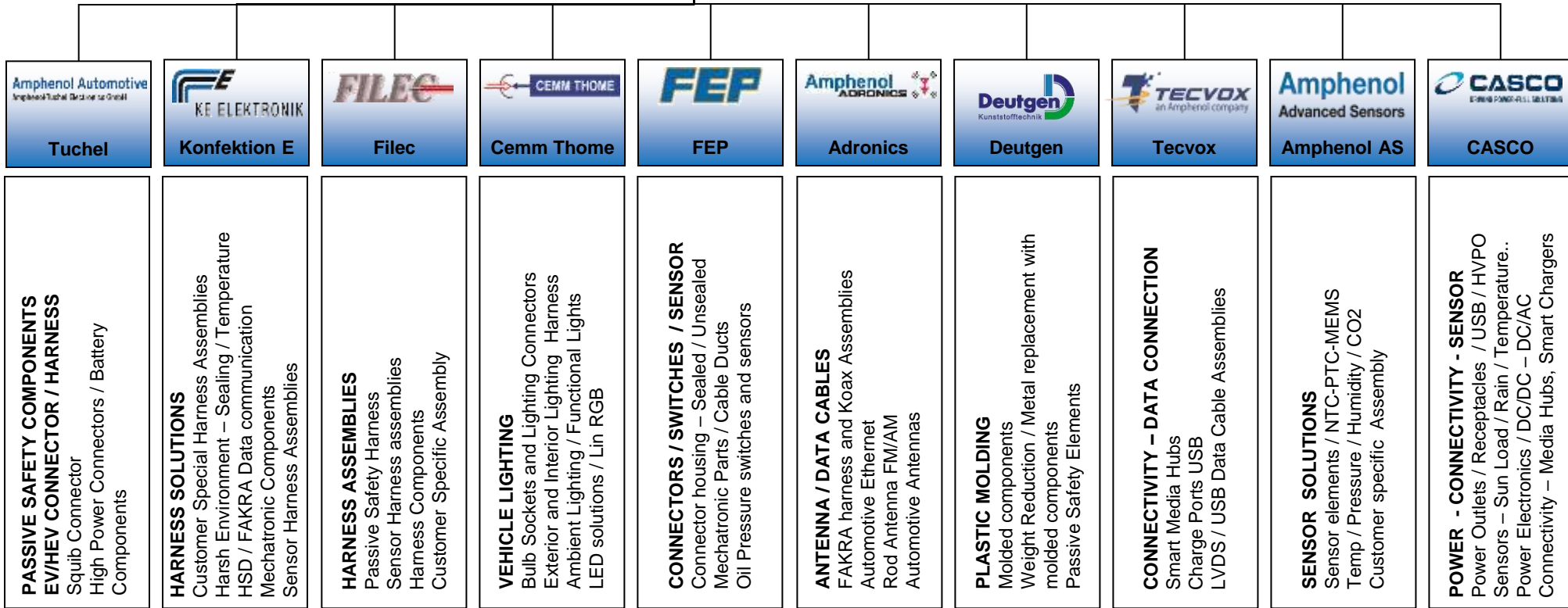
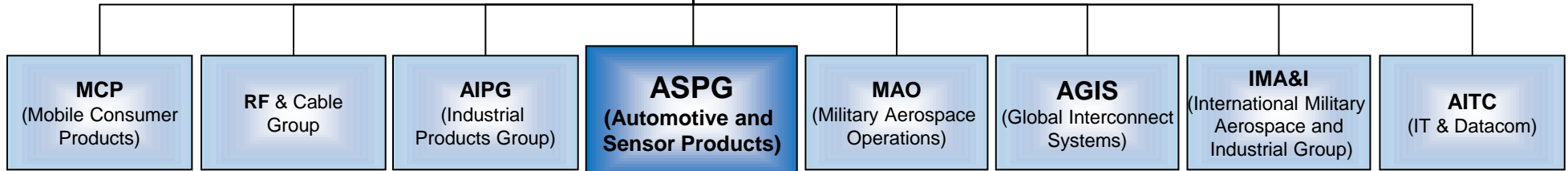
Connecting
People and Technology



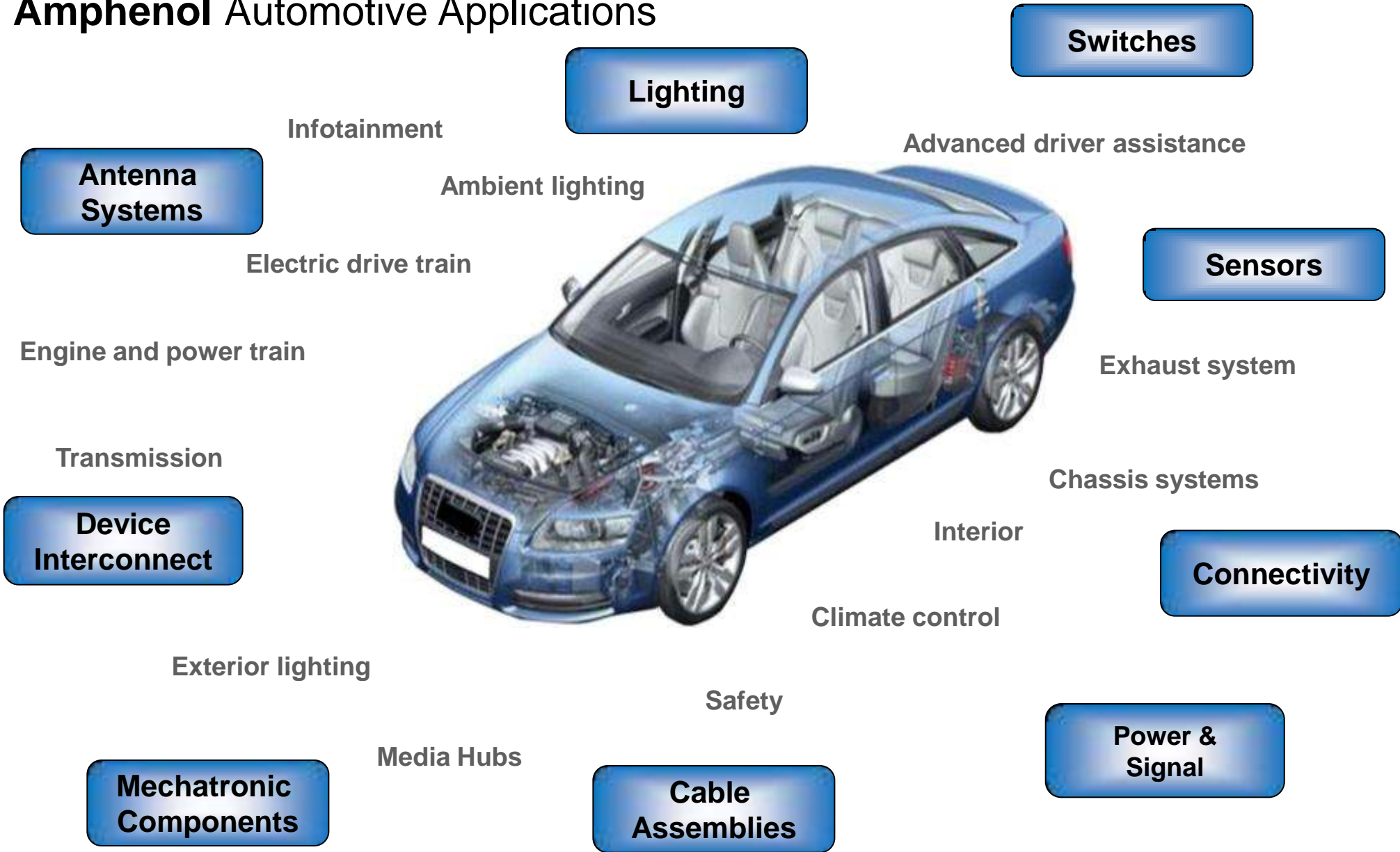
>100 Companies in 8 Divisions • >94,000 Employees • >8.6 Billion US\$ Sales 2021

Amphenol Corporation

Headcount: ~ 94,000 employees
 Revenues 2021: ~ 8.6 Billion US\$



Amphenol Automotive Applications



Connectors



Mechatronic and Plastics




KE ELEKTRONIK
an Amphenol company


FEP


Deutgen
Kunststofftechnik


EHRlich
Werkzeug- und Gerätebau GmbH

Cable Assemblies



Amphenol Automotive
Amphenol-Tuchel Electronics GmbH

FILEC

KE
KE ELEKTRONIK
an Amphenol company

CEMM THOME

Cable Assemblies



Amphenol Automotive
Amphenol-Tuchel Electronics GmbH



FILEC



KE
KE ELEKTRONIK
an Amphenol company

CEMM THOME

Sensors for Drive train, Comfort, Convenience and Safety

Intelligence and automation drives increased sensor use

Interior Sensors Comfort and Safety

- Ambient in-car temperature sensor
- Ambient light sensor
- Inductive distance sensor
- Rain - Light sensor,
- Relative Humidity Sensor
- Air Quality CO₂ HVAC
- Sun load sensors
- Seat temperature

Seats and interior trim

- Seat temperature

Fluid handling systems

- Fuel temperature
- Fuel pressure

Exhaust systems

- Exhaust gas temperature
- Soot sensor

Electronics / wiring systems

- Circuit protection
- Temperature compensation

HVAC

- Outside air temperature
- Cabin temperature
- Humidity
- Gas / odor sensors
- Windscreen temperature

Engine management systems

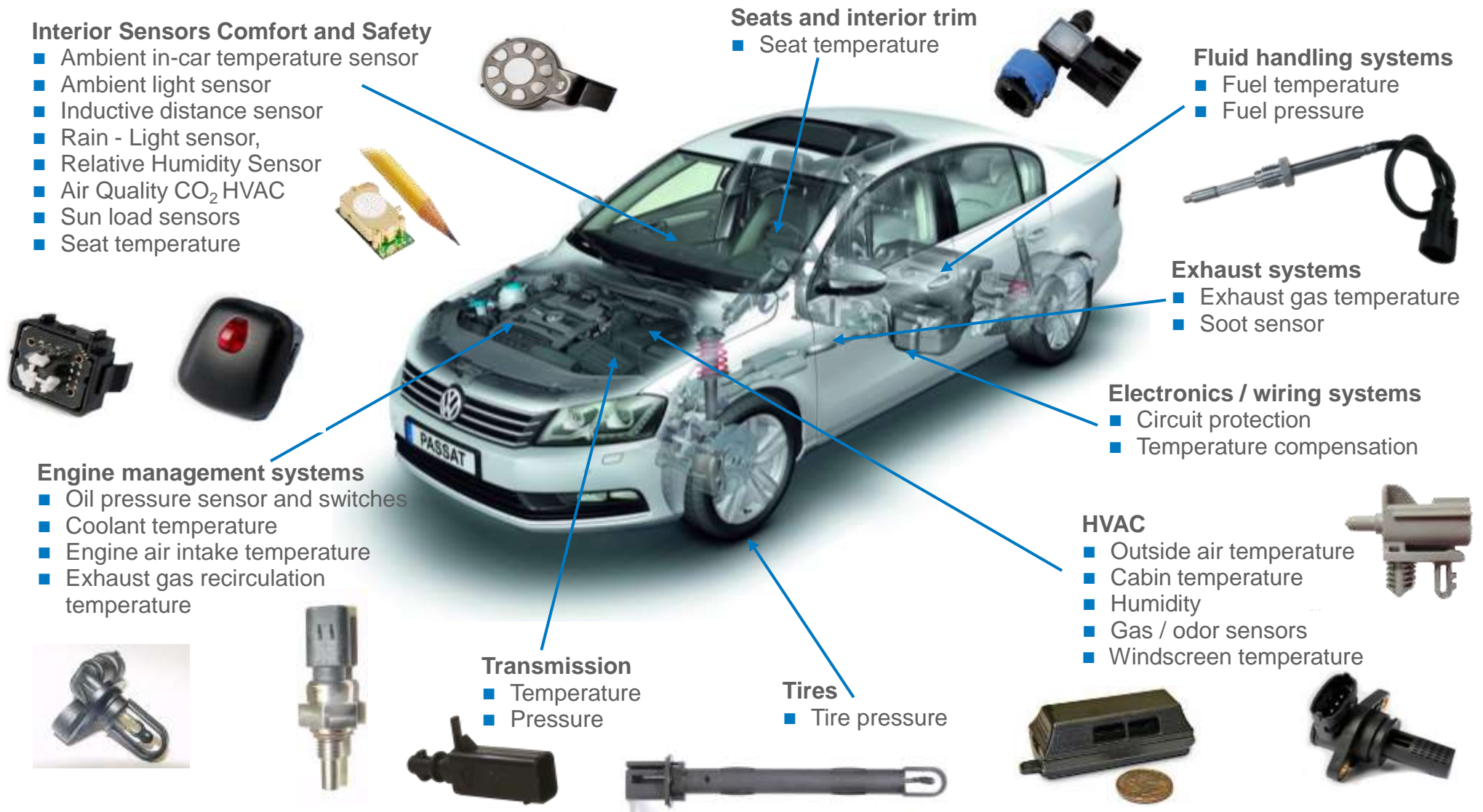
- Oil pressure sensor and switches
- Coolant temperature
- Engine air intake temperature
- Exhaust gas recirculation temperature

Transmission

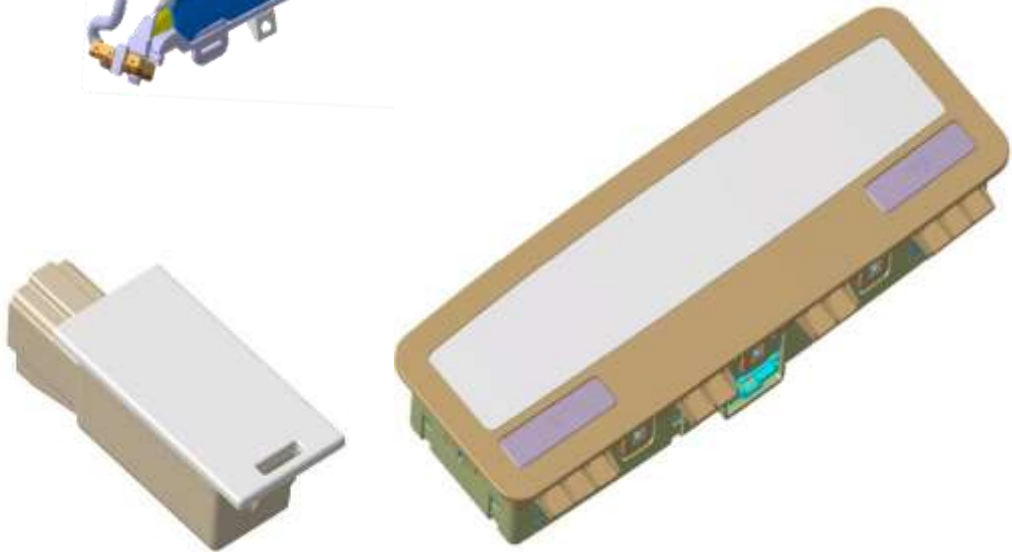
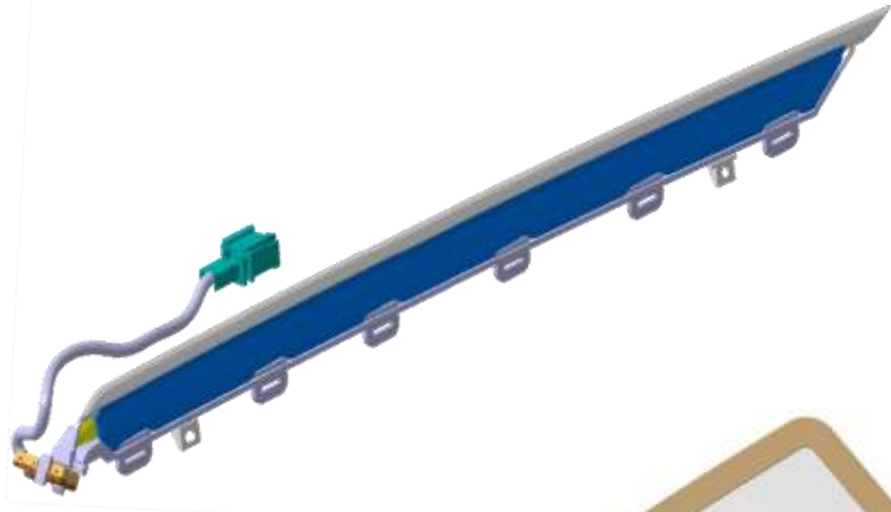
- Temperature
- Pressure

Tires

- Tire pressure



Lighting components



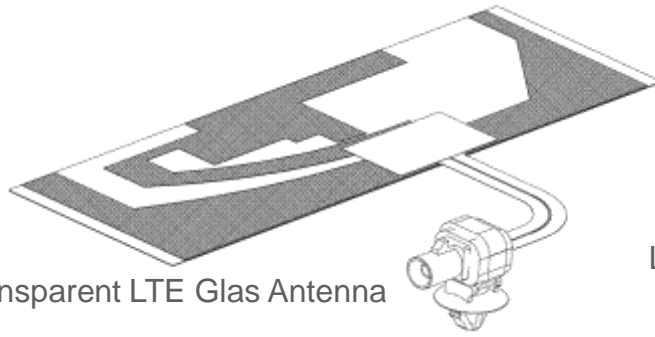
Connectivity



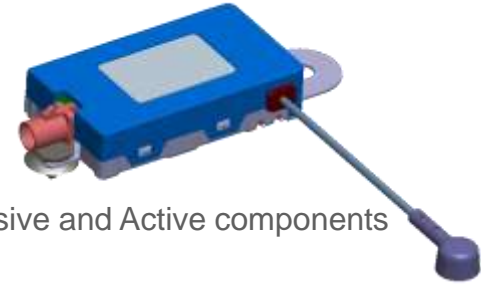
Antennas



Roof Mount Antenna



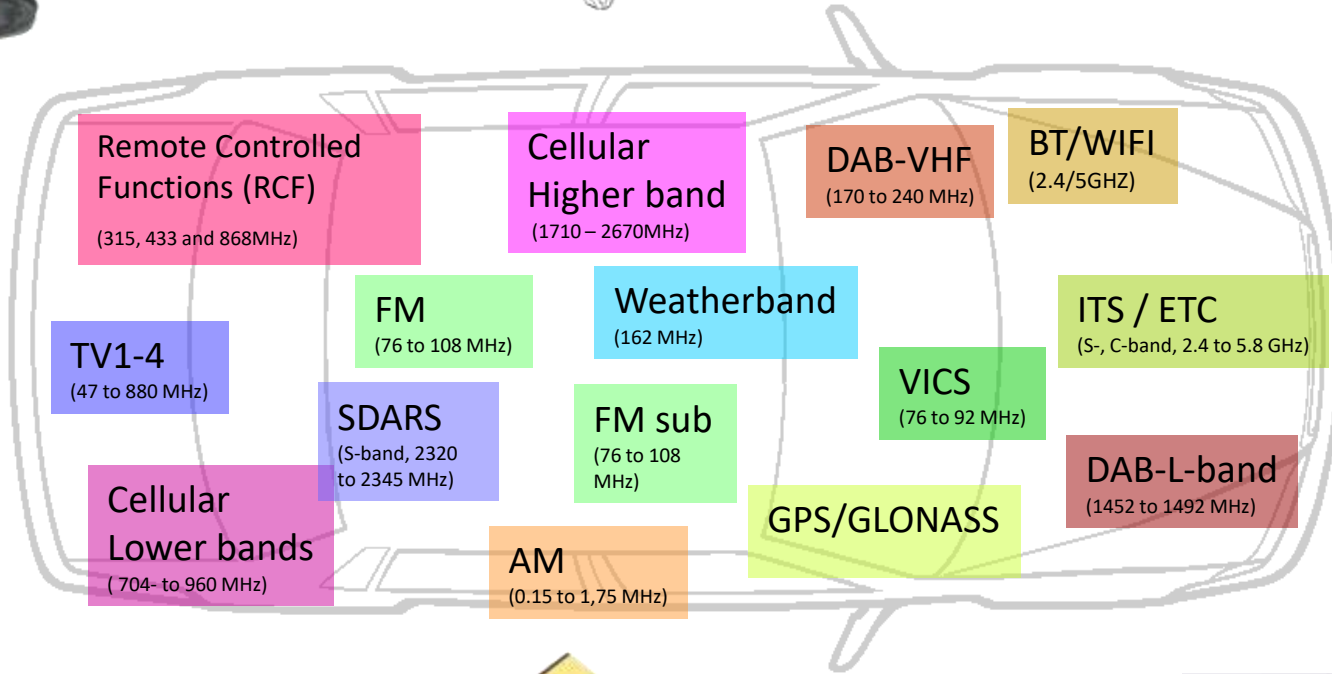
Transparent LTE Glas Antenna



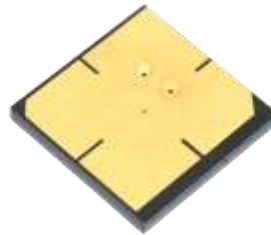
LNA – Passive and Active components



Device Antennas
BT/WIFI/NFC



LDS Technology



SDARS Sattelite Antenna



Bumper mount LTE (VW)



EV/HEV connectors



Amphenol Automotive
Amphenol-Tuchel Electronics GmbH

KE
KE ELEKTRONIK
an Amphenol company

FEP

FILEC

Technology Competences



Injection Moulding

Technology Competences



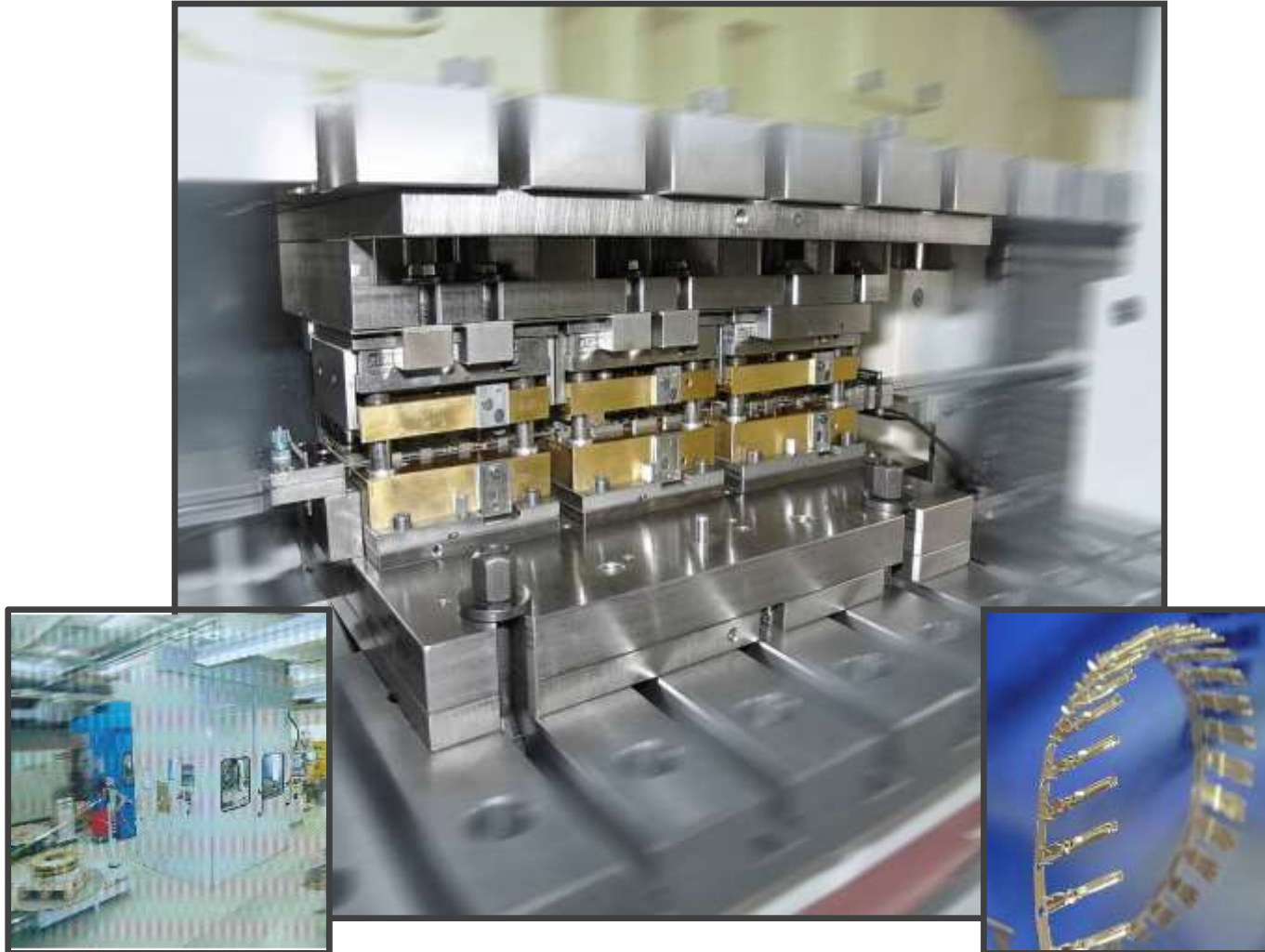
Bi Component and Insert Moulding

Technology Competences



Reel to Reel Injection Moulding

Technology Competences



Highspeed Stamping

Technology Competences



Sensor Manufacturing – NTC / MEMS Wafer Base

Technology Competences



Automated Connector Assembly

Technology Competences



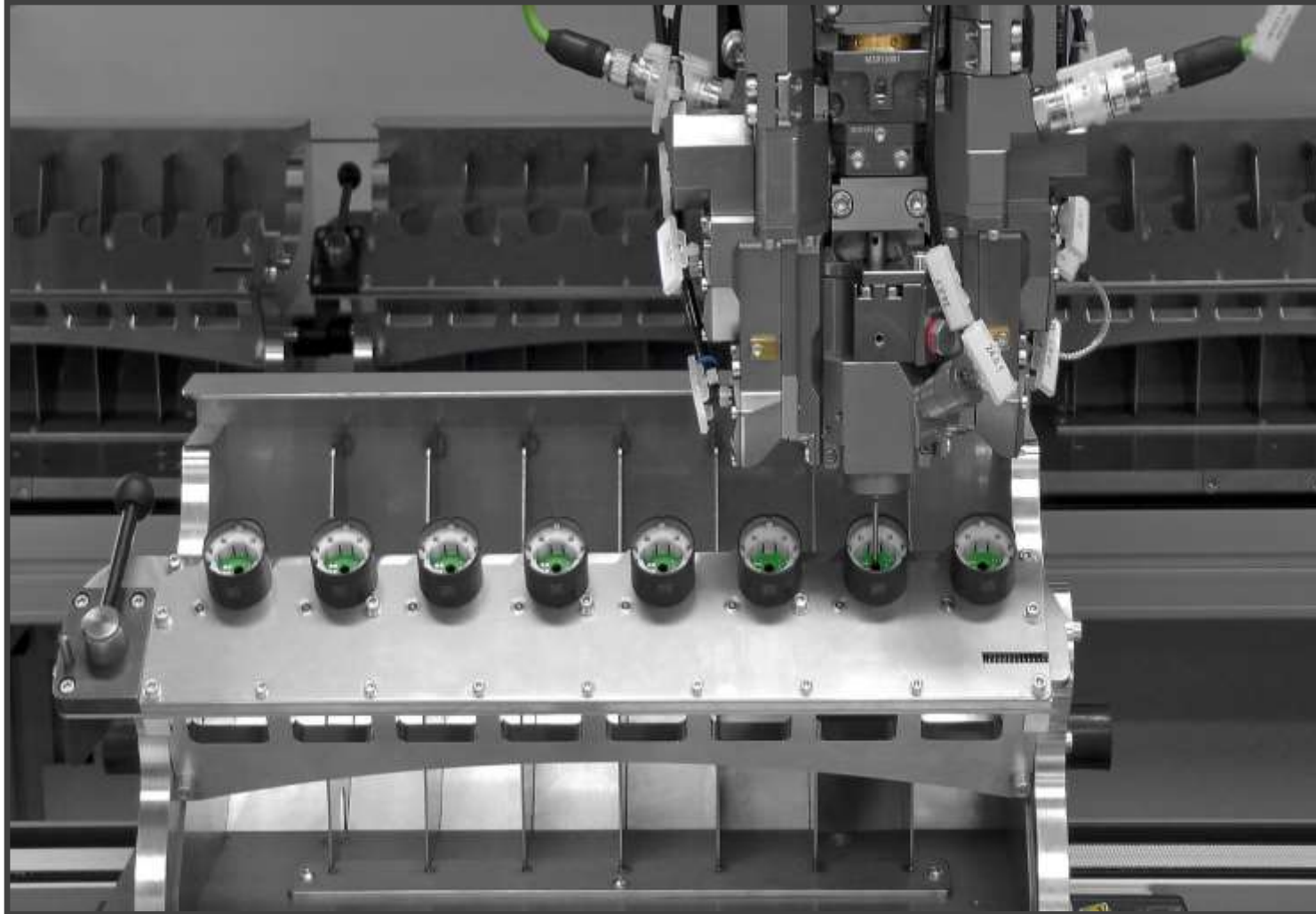
Automated Harness Assembly

Technology Competences



Full-Automated Oil Pressure Switch Manufacturing

Technology Competences



Automated Potting

Technology Competences



3-D Scan

Technology Competences



X-Ray

Quality Management Certificates

all production locations worldwide

certified according to

ISO/TS 16949

and environmental certification

DIN EN ISO 14001

