Automotive | the way we do it

Engineering for the Future of Mobility

We provide multi-disciplinary engineering solutions for connected mobility of today and of the future

Digitization and rapid advances in technology have revolutionized the industrial and social panorama, and Automotive is no exception. In fact, one can say that a large part of the ‘Fourth Industrial Revolution’ has its wheels rolling on the automotive industry. Studies indicate disruptive trends like diverse mobility, autonomous driving, electrification, and connectivity when coupled with customer needs and behavior, provide bases for overwhelming opportunities for the automotive market. However, regulatory policies, climate change, demand for personalized products and services, and inefficiencies in vehicle utilization are reshaping the value proposition in the sector.

As a global leader in automotive industry, Capgemini serves the entire automotive value chain from OEMs to Tier-1 suppliers to technology providers. Incorporating the technology shift and open innovation partnerships we build engineering solutions for successful products and services in the intelligent automotive ecosystem. Our agile way of working and a presence in all major automotive hubs across the globe helps us to develop organizational and technological structures to drive efficient and value-adding delivery of solutions.

People matter, results count.
Capgemini’s approach for the automotive sector helps industry leaders create an advantage through intelligent combination of vehicle, customer and environment data for product engineering. We deliver cutting edge solutions through global delivery capabilities and automotive-specific service offerings across the value chain.

### AutomotiveConnect
- For OEMs, Suppliers, and Retail
- Connected Customer
- Connected Vehicle
- Connected Insights
- Connected Operations

### Connected Vehicle Systems
- ADAS and Safety Systems
- Body Electronics
- Instrument Clusters
- Infotainment

### Automotive Cybersecurity
- Manufacturing Plant Security
- Connected Vehicle Security
- Enterprise & IT Security
- Connected Vehicle Security Operation Center

### Systems Engineering
- Model based Systems Engineering
- Multi-disciplinary engineering automation
- Value Engineering

### Automotive Product Integrity
- Verification and Validation
- Industry Standards and Regulatory Compliance
- Intelligent Test Automation

### Digital Manufacturing
- Product Lifecycle Management
- Manufacturing Execution Systems
- Industry 4.0 Solutions

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### The Capgemini Advantage
- **Global Automotive Industry Practice**
- **Partnerships:** Dassault Systems, PTC, Siemens, IBM, Microsoft, Google, Intel
- **Consulting** led approach for holistic Digital Transformation in the auto sector
- **IP Assets:** AutoPulse, HMIViz, ISENSE, DFS (Design For Safety) ISO 26262 Compliance Tool
- **100+ Production Programs** for 9 OEMs, 10+ Patents
- **Memberships and Compliance** – USTAG ISO 26262 FDIS, AUTOSAR, ASPIEC, Renesas R-Card, GENIVI
- **More than 5,000 specialists** generate value for automotive companies

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