

Automotive & Transportation

We Innovate Mobility

The automotive and transportation industry is undergoing massive disruption. It is facing challenges to keep up with emerging technologies, rapidly shifting customer expectations, and demanding new business models along the way.

At Akkodis, we offer you the best talents and a deep understanding of the automotive and transport industry, from design and manufacturing to advanced technologies and digital transformation. No matter your challenge, we have you covered with tailor-made solutions and consulting services.

Our mobility offer at Akkodis Italy

PROTOTYPE & TESTING WORKSHOP

- Development Workshop
- Measurement & Test Technologies
- Proving Ground
- Vehicle Durability Testing

VEHICLE DESIGN & CONCEPTS

- Transportation Design
- Class A Surfacing
- Scale and 1:1 Models
- Show Cars

EMC SOLUTIONS

- EMC-Engineering
- HV-Testing

E-MOBILITY & POWER

- HV-Battery Development
- HV-Charging Development & Testing
- E-Powertrain Integration

VEHICLE DEVELOPMENT & SIMULATION

- CAE Simulations
- CAD Development
- Commercial Vehicle: Development & Testing
- NVH Testing

VIRTUAL REALITY

- TSMC
- Train Control
- System Engineering

Our added value

We design the mobility of the future: from concept to realization. With us, you can rely on:

- Comprehensive expertise
- State-of-the-art innovation
- Tailored solutions
- Collaborative partnership

Facts and figures



300+ experts and mobility enthusiasts



16+ locations



250+ ongoing projects with OEMs and Tier 1s



3+ Labs & Workshop



AEROSPACE
AND DEFENSE



AUTOMOTIVE AND
TRANSPORTATION



BANKING AND
FINANCIAL SERVICES



ENERGY AND CLEAN
TECHNOLOGY



INFORMATION AND
COMMUNICATION TECHNOLOGY



LIFE SCIENCES AND
HEALTHCARE



MANUFACTURING
AND LOGISTICS



Our Mobility Solution in detail

E-MOBILITY & POWERTRAIN

The electrification of the mobility sector is in continuous progress. Akkodis is here to support and grow with you in these dynamic markets.

Competencies & Services: Function Development & Calibration, Validation & Homologation, Testing Labs, Vehicle Integration, Processes & Methods, Design & Technology, Embedded Software, Hardware Integration, R2R

VEHICLE DEVELOPMENT & SIMULATION

From single components to complete vehicles, Akkodis handle engineering and product development, ensuring a comprehensive solution. Our innovative solutions adapt to changing demands, delivering cost-effective results in a competitive global landscape.

Competences & services:

Engineering: Development Body In White, Development Exterior & Interior, Development Lighting Systems, System integration, all for passenger cars & commercial vehicles

Simulation and validation: NVH, Durability, Passive Safety, CFD & Energy Management, EMC & Battery Simulation, Vehicle Dynamics & Multibody Simulation, CAE Consulting & Tool Development

VEHICLE DESIGN & CONCEPTS

From the first draft to the realization of breathtaking physical and drivable vehicles.

Competences & Services: Transportation Design, Color & Trim, VR & Animation, Styling feasibility, vehicle concepts, Class A Surfacing, Interior and Exterior full size models, drivable Show Cars, Exhibition Concept Vehicles

VIRTUAL REALITY

By bringing competencies in engineering in all the phases of V-cycle with modern practices such as MBSE, digital driven manufacturing and operation, Akkodis has placed itself as a reliable partner to different customers in railways including operators, OEMs and Tier -1 helping them to realize Quality, Cost and Delivery targets.

Competences & Services: Train Control, Software Development and Testing, System Engineering and Integration, Electrical Engineering, Human Factors and Vehicle Styling, Testing and Commissioning, Homologation, Wayside and Onboard Signalling, Project Management, Digital Manufacturing, Digital Maintenance

PROTOTYPE & TESTING WORKSHOP

Set-up of mechanical, electrical, and measurement systems in test vehicles, complemented by software applications. Planning, coordinating, analyzing and executing test drives on proving grounds as well as public roads.

Competences & Services: Prototype Factory, Development Workshop, Measurement & Test Technologies, Vehicle Durability Testing, worldwide Test Drive Support, Prototype software flash and setup, Proving ground, Misuse testing, Benchmark

Labs & Facilities: Adhesive Laboratory, Materials Laboratory, Polymer Laboratory, Prototype Workshops, Test Tracks

EMC SOLUTIONS

Leveraging deep cross-industry knowledge and state-of-the-art EMC testing, Akkodis EMC Solutions Center is the trusted partner for automotive, special vehicles, electronics, medical tech, and defense sectors.

Competences and Services: EMC Consulting & Engineering, EMC Requirements Management, EMC Test Strategy, CoP Testing, EMC Components Tests, High Voltage Tests