



We are ASAP

Our driving force is the automobile – our task is the development of future-oriented technologies. As a development partner to the automotive industry, the ASAP Group offers comprehensive services with a focus on the mobility of the future. As an independent subsidiary of the global player HCLTech, we combine stability with an innovative mindset. We are future-oriented and always have the latest technologies firmly in mind.

Benefit from our development expertise in the areas of electromobility, autonomous driving and connectivity. With our five service segments – Electrics/Electronics, Software, Consulting & Service, Test & Validation, Vehicle Engineering – our strategic development focus is on the future-oriented technologies of the automotive industry.

# get in touch



Any questions or projects that you would like to discuss? We'd love to share ideas and explore synergies with you.



[asap.de](https://www.asap.de)



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ASAP  
Part of HCLTech

## Vehicle Engineering



**functional.**  
**standardized.**  
**confidential.**

Paving the way for the mobility of tomorrow. Vehicle development has been undergoing a transformation for years: autonomous driving, connectivity and alternative drive types. We are enthusiastic about new possibilities. From the initial idea and design to the construction and conversion of prototypes, technology carriers and pre-series vehicles. Our development guarantee: high-quality test vehicles for valid test results.

## Services Vehicle Engineering

### Mechanical Engineering

- Conceptualisation and package
- Feasibility analyses/studies
- Geometric modelling and visualisation, detailed design
- Series development | Supervising series production
- Virtual validation | DMU
- Data management

### Production Engineering

- Design of devices, gauges, measurement fixtures, assembly systems
- Clamping and fixation concepts
- Production of equipment and devices, incl. for assembly, measurement, commissioning
- Pneumatics, SPS control, e-planning
- Virtual validation
- RPS definition and alignment concept

### Pre-Series Center

- Assembly and modification of prototypes, technology carriers, and pre-production vehicles
- Updating the hardware and software of vehicles with a focus on electric drives and driver assistance systems
- Commissioning of complete vehicles dynamically and statically, including all necessary calibrations and settings
- Coding and parameterizing of control units for various derivatives such as MQB Baseline, MEBs, as well as all OEMs of the VAG group
- Pre-commissioning on HILs, individual control units, or on the test bench

### Drive Testing

- Planning and logistics of global test drives
- Worldwide route planning, definition of driving profiles and scenarios
- Support for measurement technology (first/second-level support)
- Implementation of endurance test drives and functional tests on roads and testing grounds
- Run-in of ADAS/AD environmental data with labelling activities
- Support with summer and winter test drives