



Comprehensive development service
from a single source



Chassis – development from concept phase to series production

We develop your chassis system and components from the concept phase the entire way to manufacturing, in full consideration of cost and lightweight design targets.

Our engineers have exceptional expertise in virtual design, simulation and optimization as well as testing.

CAD Design

- Suspension and component design
- Deep knowledge in manufacturing
- Full development up to industrialization
- Supplier management

Virtual validation and protection

- Simulation of control systems
- Development of control system functions
- Validation via SIL or driving simulator

Testing

- Test drivers for subjective evaluations
- Chassis component testing
- Driveability objectivization

CAE Simulation

- Chassis strength and fatigue analysis
- Weight optimization
- Vehicle handling and ride quality
- Virtual load data generation

Consulting

- Analysis and improvement of the existing customer chassis development process
- Platform design
- Customer specific MBS and FE method development
- Development of end-to-end concepts

YOUR ADDED BENEFIT

“End-to-End chassis development based on German engineering of the highest quality”