




## Mechatronics and Vehicle electrics (HV/LV)

### YOUR PARTNER FOR

-  Engineering
-  Simulation
-  Testing



## FROM THE FIRST IDEA TO THE FINISHED PRODUCT

Technological development is advancing in leaps and bounds. Many tasks in vehicle development that were previously solved purely mechanically are increasingly being implemented with the involvement of electronics and software.

PTS-Prüftechnik develops and tests individual components and systems which, through intelligent interaction of mechanics, electronics and software, improve classic applications or create completely new ones. With the aid of state-of-the-art testing facilities and the involvement of our in-house prototype production, we accompany our customers from the initial idea to the finished product.

### Our portfolio of services includes:

- Simulation and function development
- Software development and application
- Integration of residual bus simulation
- Integration of mechatronic systems in the vehicle
- Control and integration of electric drives
- Production of functional samples, prototypes and small series
- Development of HV system components (including BMS, power electronics, on-board chargers)
- Development of electrical measurement aids as well as customer-specific accessories for test rigs

TOGETHER INTO THE CO<sub>2</sub>-NEUTRAL FUTURE!

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