The highly scalable HIL test system for automated validation of body electronic control units (ECUs)
As a highly scalable hardware-in-the-loop test system, the Body-Electronic Test System (BTS) serves to automatically validate body ECUs such as the ones used in the most recent automotive systems. You can configure it freely according to your requirements and it possesses all common hardware interfaces and bus systems from the body electronics environment. The BTS is above all characterised by the fact that real loads can be realised.

The core of the BTS is a generic signal card that features all necessary inputs and outputs. A software interface can be used to configure it for a highly diverse range of requirements. Up to 32 basic cards can be operated in parallel, thus making it possible to simulate up to 448 channels at the maximum capacity level. Therefore, you can adapt BTS optimally to your needs.

With the Technica Engineering GmbH BTS, you acquire a proven technology that has been multiply used successfully and which enables substantial cost savings in the development and validation of your ECUs thanks to high flexibility and robust, simple design.