



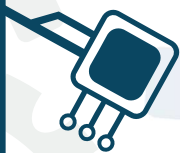
Unlocking the power of testing in vehicle development

Where is the limit between simulation and reality?

Real-time rigs for making driving simulators a new way of testing

The HiL simulation station interconnects vehicle devices to a virtual simulation environment. Providing a brand-new approach to vehicle function development, the system offers developers the opportunity to drive the hardware under test in the lab.

The station allows testing various vehicle functions on integrated ECUs in a controlled environment. You can test EPS, ABS/ESC tuning with reference drivers, ADAS repeatable scenarios, fault injection, controllability tests, jury tests, validation, and verification of the SOTIF, and more.



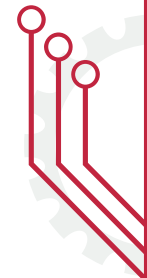
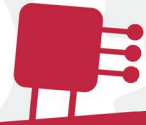
Meccanica 42 is the key to empower future-proof technologies.

We reshape vehicle function development, providing by-wire devices for road testing and real-time rigs for driving simulators.

Innovative devices for testing vehicle functions on real roads

Meccanica 42 road testing devices provide developers with the power to interact with traditionally inaccessible systems, by enabling them to design every functional concept on actual vehicles.

Our open control brake-by-wire, for instance, allows on-road testing of virtualized brake functions, including advanced stability controls, steer by brake and torque vectoring, driver assistance functions, fault injection, and controllability test on samples of drivers in safe conditions, validation, and verification of the SOTIF.



Find your answer

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