



Elektrobit

Hardware-in-the-Loop test solutions by EB

Capture and replay continuous loop ECU test data

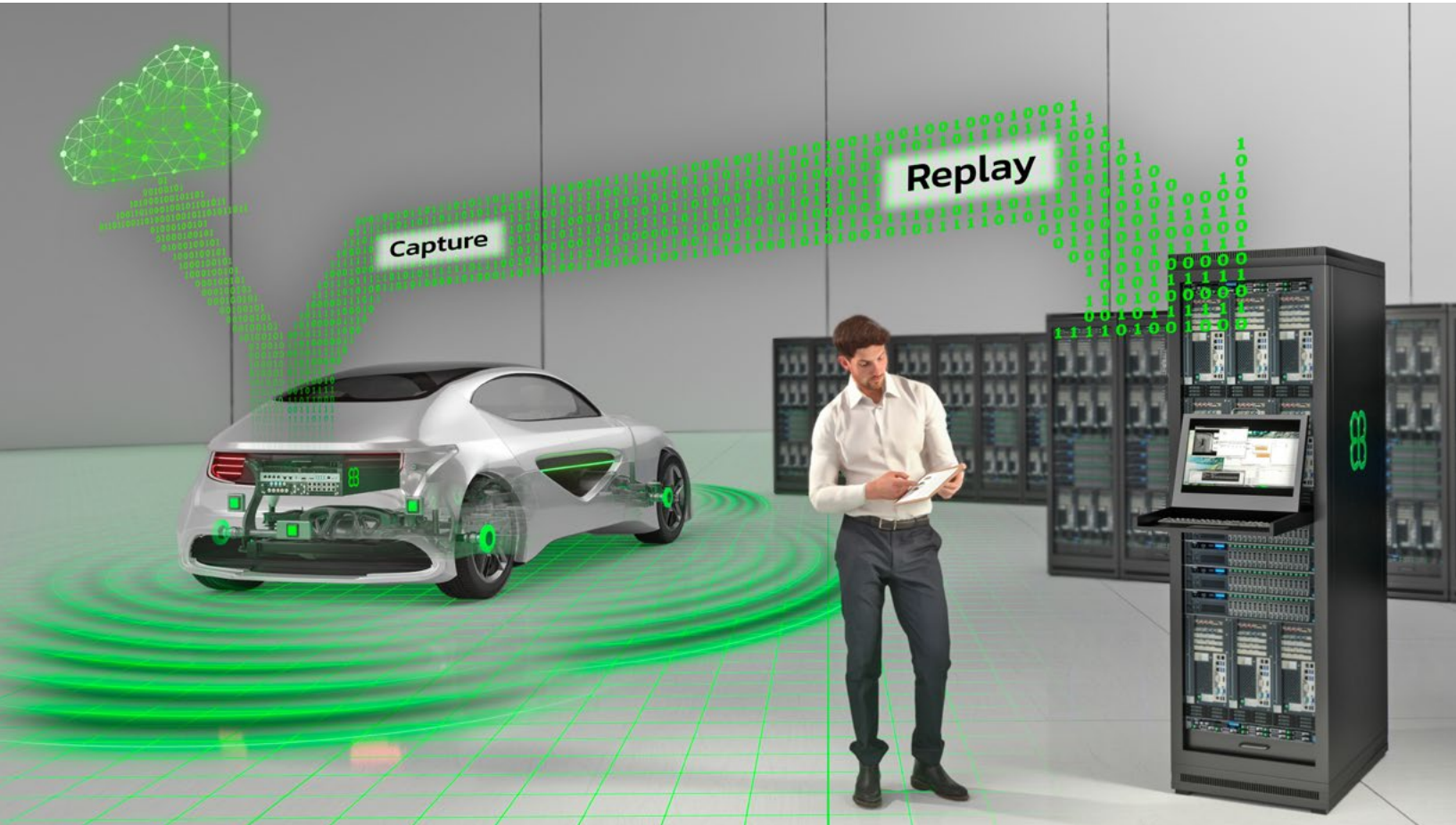


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Custom validation solutions: HiL test solutions by EB

Preparing for volume production of automated vehicles includes millions of miles of real driving scene processing. Suitable server farms are needed to meet the required test coverage.

EB offers expertise to customize HiL test solutions through hardware or the cloud to meet your needs in ADASIS (Advanced Driver Assistance Systems Interface Specifications). Test the functions, system integration, and communication of ECUs in a simulated environment, processing real driving scene data-in-the-loop to validate your ECUs and their functionality.



Features

- ▶ Includes end-to-end validation tools such as the EB Assist ADF software suite for driving scene recording, replaying data and managing workflow of HiL stations
- ▶ High-precision and time synced data logging using high-performance CPUs
- ▶ RAM configurable and compatible with CAN, FlexRay, Ethernet, Video, GPS or Audio using proven-in-use hardware and software products

Benefits

- ▶ Save costs and time with efficient seamless test integration and validate ECU behavior in a customized simulated environment **under realistic conditions**
- ▶ Shorten time to market despite more complex vehicle network architectures
- ▶ Smoothly scale from one high-capacity solution to HiL server farms of 200+ test stations
- ▶ Reinject sensor data into ECUs to simulate functions and measure KPIs