# Hardware-in-the-Loop test solutions by EB

# Elektrobit

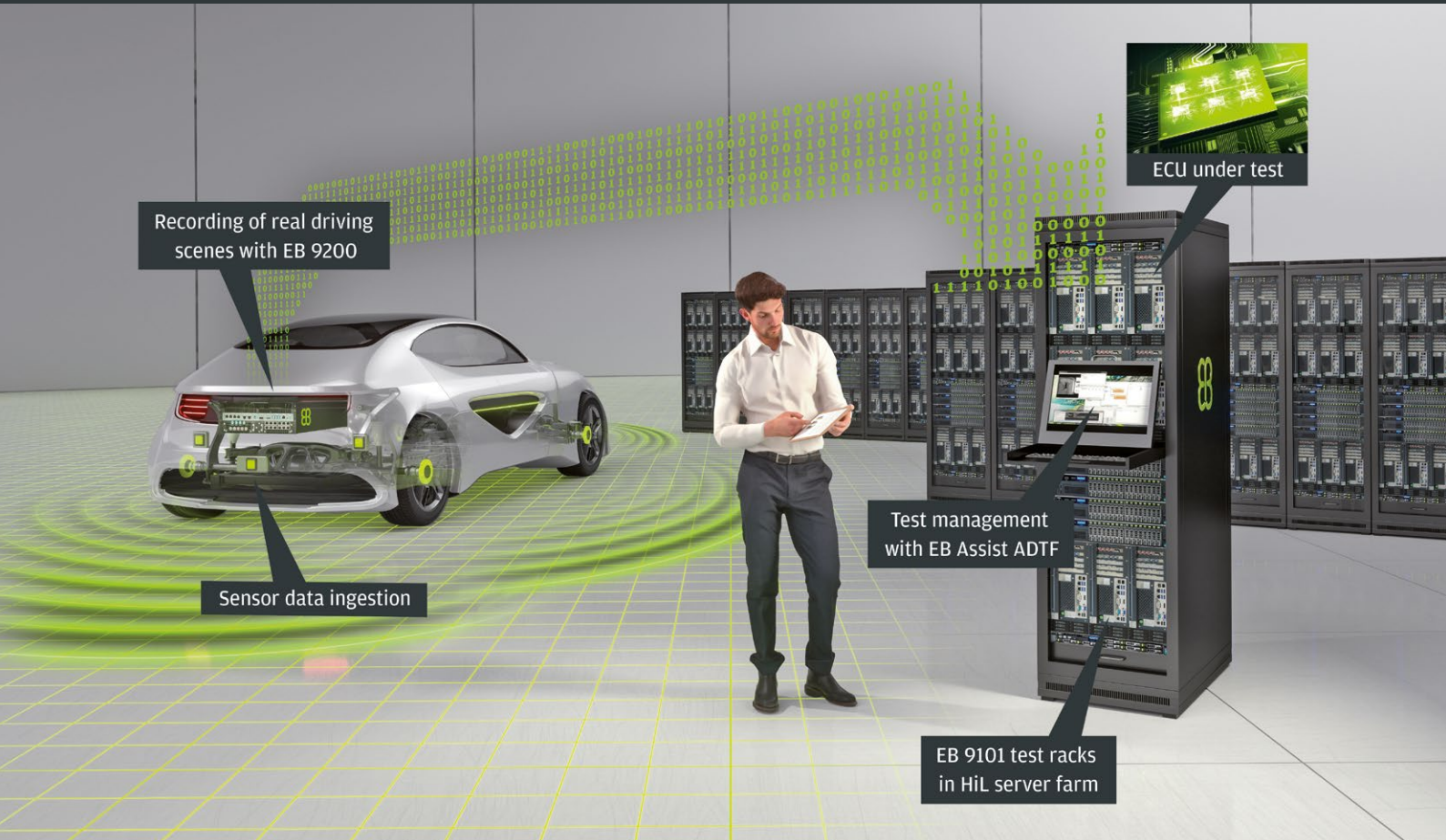Ensuring readiness of vehicle sensors and ECU functionality for volume production of automated vehicles includes millions of miles of real driving scene processing. Suitable server farms are needed to meet the required test coverage.

EB offers customizable and scalable HiL test solutions to suit your specific needs.



Recording of real driving scenes with EB 9200

Sensor data ingestion

ECU under test

Test management with EB Assist ADTF

EB 9101 test racks in HiL server farm

## Benefits

▸ Efficient test of functions, system integration, and communication of ECUs in a simulated environment under realistic conditions to validate your ECUs and their functionality.

▸ Facilitates testing and validation by reinjecting sensor data into ECU to simulate functions, measure KPIs, and validate ECU behavior

▸ Easily scalable, from single test stations to high capacity HiL server farms with 200+ test stations

▸ Customizable to meet your specific requirements

## Features

▸ EB Assist CAR Box hardware variants EB 9101 and EB 9200 for high precision data logging

▸ EB Assist ADTF software suite for driving scene recording, replaying, and managing the data and workflow of HiL installations

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