



## Flexible - Efficient - Reliable.

The Modular Test Bench (MTB) of Areus GmbH provides a flexible testing environment for telematic vehicle components to analyze the interaction between ECUs and their functionality.

Systems can be tailored individually to virtualize every combination of telematic vehicle components.

MTB Max consists of two units: "main unit" and "user interface unit" (UI unit), providing maximum connectivity capabilities in a spacesaving setup.

ECUs, measurement devices and wiring are located underneath the laboratory bench, while user interface components are easily accessible on the bench.

The main unit's modular design allows quick and easy setup changes for new test scenarios. Standardized MTB modules, combined with test setup specific cable harnesses allow testing of different telematics generations.



*UI-Unit*

*Main-Unit*

## Customize for any Challenge

Für f our standard configurations don't fulfill your test setup requirements, Areus can provide any customized MTB modules.

Please ask our MTB expert team for more information!



The optional carrier cart makes the system portable.  
The cart is designed to fit under standard laboratory benches.



## MTB compact

We developed the MTB Compact as a cost- and space-saving alternative. This version is sufficient for most tests, but does not include various features and has fewer connections.

## MTB Mobile - The Portable solution

The MTB Mobile offers the perfect solution for testing ECUs at any location.

A limited number of the familiar modules from the MTB modular system can be integrated individually as required. This allows you to create the right mobile test environment for every ECU.

Take advantage of the opportunity to perform your tests anytime, anywhere with our portable solution, e.g., in your home office or during a test drive.



## Für weitere Informationen können Sie uns gerne kontaktieren:

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## MTB Remote Power Module

Due to increasing demand for remote testing, Areus has added two important features to the Modular Testbenches:

- Remote switching on and off of the ECU
- Current measurement for monitoring the ECU status

A pluggable module on the testbench connects it or a connected to the PC/Raspberry pi, ... or a PC via USB. Control is via serial protocol (virtualCOM port).

