



# AVL M.O.V.E SYSTEM CONTROL ADVANCED

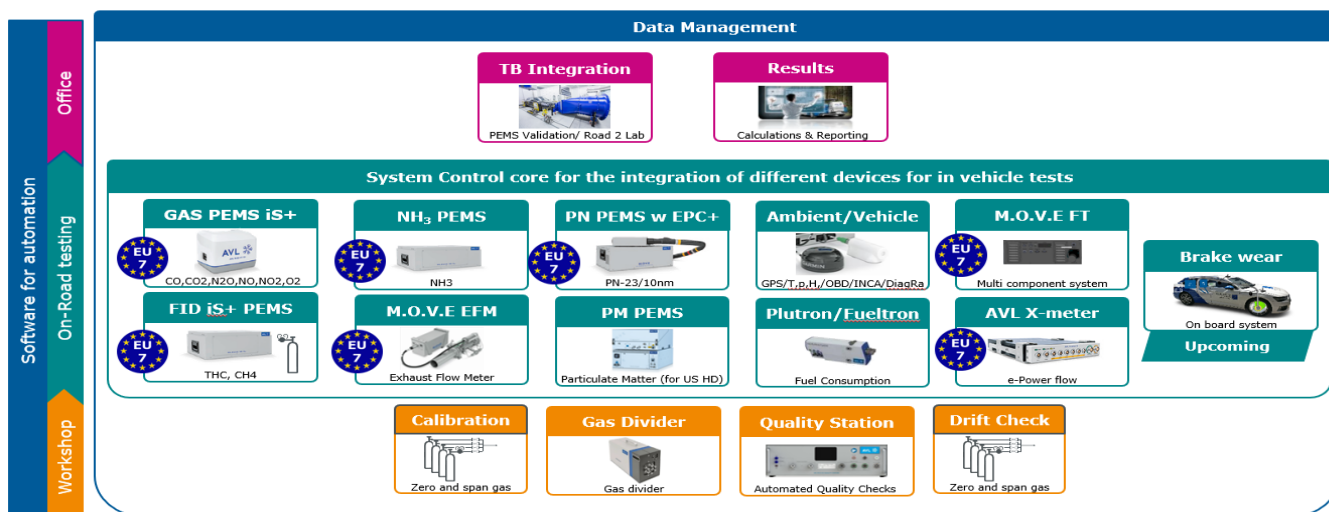
The powerful integration platform for your RDE and in-vehicle testing needs

With AVL M.O.V.E System Control Advanced, you can easily integrate a large number of devices with standard technologies such as serial connections, USB, CAN-bus, OBD-II, Inca, DiagRa, Ethernet or WiFi. Our robust and flexible platform ensures seamless and hassle-free central device integration and data acquisition. One of the major challenges of RDE testing is dealing with the large amount of data collected during tests. Our solution is designed to handle this data effectively, providing automated device checks and legislative workflows for all AVL PEMS devices. This ensures that measurement results are accurate and reliable and eliminates the need for manual checks.

AVL M.O.V.E System Control Advanced provides a comprehensive solution that meets all legislative requirements, making it the ideal choice for your testing needs.

## THE ADDED VALUE

- Robust design for mobile use
- Wide operating temperature range (–20 ... 60 °C)
- External digital GNSS and ambient sensors
- Online acquisition of OBD/ECU values
- Seamless and automated RDE process with the AVL In Vehicle Data Management Solution
- Central operation of the measurement devices
- Central data acquisition and standardized data formats
- Time-saving with automated device checks
- Exact test execution according to legislative requirements
- Secure data transfer with signed certificates
- Option to implement further sensors and measuring devices for customized testing



System Control Advanced Integration

## FAST INTEGRATION

A wide range of interfaces enable the simple connection and control of many different devices within the AVL M.O.V.E platform. The AVL M.O.V.E System Control Advanced software provides an intuitive user interface with step-by-step guidance through the relevant legislative testing procedures.

This approach simplifies the execution of complex measurement tasks for multiple test orders considerably. A graphical user interface supports the configuration of the hardware setup and the required OBD measurements.

## CUSTOMER BENEFITS

- Reliable and more powerful system, designed with military standard
- Higher efficiency of tests without data loss thanks to a smart battery
- External and time saver digital ambient sensors calibration
- Encryption and secure data transfer

## EFFICIENT DEVICE MONITORING

The online status of the connected devices and visualization of the most important measurement values ensures a high ratio of passed RDE tests. Easy customization of the online view enables the user to visualize his needs.

## DATA MANAGEMENT

The AVL In vehicle Data Management Solution integrates all necessary components into one seamless process to enable RDE testing in the most automated way possible. The solution consists of AVL standard software products specially tailored to meet the needs of an efficient PEMS Data Management process.

All kinds of necessary data is being stored at one central place. The AVL In vehicle Data Management Solution supports the process along all steps from test order generation, test preparation via execution to post-processing of the measurement data and generation of the official certification report.