

## The right solution for measurement and calibration

A modern and user-friendly way to measure and optimize ECU software



### OBJECTIVE: MEASUREMENT, CALIBRATION AND FLASH PROGRAMMING

#### Fast Measurement

- Plug and play source connectivity and instant data visualization
- Rich set of configurable visualizers (Oscilloscope, Icons, Gauges, Tables, ...)
- Triggers and action management

#### Smart Calibration and Flashing

- Calibrate your control systems (ECUs) in real-time
- Smart and safe calibration visualizers
- Secure flashing of controllers

#### Compact Data Management

- Easy to use onboard compact calibration data manager
- Analyze your calibration data vividly in both online and offline mode

#### Easy Measurement Data Analysis

- Analyze your recordings with our powerful analysis tool DiagRA®X Viewer Pro

### SUPPORTED

#### Protocols

ASAM MCD-1 CCP  
ASAM MCD-1 XCP  
ASAM MCD-3 MC, ASAP3  
CAN, CAN FD, and GPS

#### Devices

Electronic control units  
Measurement modules  
CAN networks

#### File Formats

ASAM-MCD-2 MC (A2L)  
ASAM MDF (MF4)  
HEX, S19 and DCM  
CANdB (DBC)  
LAB, TEXT, CSV and XLSX

#### Interfaces

Kvaser, Intrepid Control Systems,  
I+Me Actia, Vector, Pass-Thru and  
many more



## THE RIGHT TIME TO FOCUS ON USABILITY

**40%** OF SOFTWARE FEATURES ARE NEVER UTILIZED BY MOST USERS

Together with a team of designers and application engineers, we have identified critical issues that are responsible for disorganized and exhausting software work:

- Too much unused functionality
- Disorganized architecture and poor usability
- Time consuming configuration options

With users, technology, and a variety of use cases from different industries in mind, we have created a comprehensive software solution.

› **DiagRA® X** - The next generation measurement and calibration tool for application engineers with a modern usability concept that allows the user to work efficiently and comfortably.

### DIAGRA® X – NEXT GENERATION APPLICATION TOOLSET

**DiagRA® X** is an efficient, intuitive, and powerful Windows software that offers comprehensive solutions for measurement, calibration, flash programming, and data analysis in many application areas.



Car, truck  
and bus



E-Mobility  
Infrastructure



Power Utilities



Forestry and  
Garden Tools



Test Bench

DiagRA®X has been developed with modern usability and design concepts for:

- Maximum ease of use for the user in different working environments
- State-of-the-art solution with focus on core functionalities
- Attractive price-to-feature ratio covering simple to complex use cases



RA Consulting GmbH · Zeiloch 6a · 76646 Bruchsal · Germany  
Tel. +49 7251 9819-500 · info@rac.de

