

AVL



DRIVERS AID

A mobile app for intuitive driving



MORE APPS TO FOLLOW

THE CHALLENGE

There is an ever increasing demand to execute development and calibration activities more efficiently and effectively. Validation is normally conducted in dedicated test facilities such as emissions chassis rolls. Due to these ever increasing demands these are generally fully utilised and overbooked. Therefore engineers cannot execute their validation within the planned timeframe.

Furthermore, with the new Real Driving Emissions (RDE) legislation, the need of vehicle testing on the road has increased and entails particular demands and requirements. For example, how to repeat RDE tests on the road.

THE AVL SOLUTION

The Drivers Aid App is a stand-alone application to guide a driver through test cycles (pre-configured or custom specific) by graphically displaying the specifications of the driving test procedure.

It provides the driver with a graphical display of scheduled and actual vehicle speed, gear shift requirements and also user-defined events. The permitted tolerance for vehicle speed deviations can be displayed and configured with a single touch icon. For a better visualization of current vehicle speed and tolerances, a scalable screen configuration is utilized, including full screen driver trace (complete screen is filled with the selected drive trace) or partial-screen drive trace (part of the screen is reserved for user functions).

THE ADDED VALUE

- Direct feedback to the driver with online graphical information
- Driver guidance for vehicle emissions/certification testing or custom specific test cycles
- Ghost driver function with GPS support to reproduce the same behaviour
- Remote control with external device, smartphone connectivity



FEATURES AND FUNCTIONS



PLUG AND PLAY

- Easily connect to the application software
- Select the necessary channels
- Press start
- Check on-line criteria



USABILITY

- Allows rapid interaction
- Touch screen control
- No training needed
- Mobile application for ease of use



CONNECTIVITY

- Smartphone used as display device
- Storage of GPS information
- Ghost driver function with GPS



SAFETY

- No need to check the laptop while driving
- Stay safe while doing your in-vehicle calibration
- Secure

FOR FURTHER INFORMATION PLEASE CONTACT:

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