CAN *Newsletter Online*

AUTOMOTIVE SUMMIT 2017

Apps for automotive industry and smart factories

At the Automotive Summit, In-tech presents the OrangeCtrl system, which consists of a hardware box and a complete Linux operating system. It is based on CAN.

The OrangeCtrl comes with an App (Photo: In-tech)

Automobiles have evolved from being purely means of transport to become smart nodes in communications networks – with these words, the sixth Automotive Summit opens in South Carolina from 20 to 22 February, informing visitors about the latest digital developments in the automotive industry and in industrial 4.0 projects. Around 500 interested visitors and guests are expected this year. The engineering company In-tech, will be presenting its apps for displaying and controlling vehicle data as well as industrial machinery parks, which are suitable for the topic, at its exhibition stand.

In-tech will present the OrangeCtrl system, which consists of a hardware box and a complete Linux operating system. The box is generally installed in the trunk of the vehicle and connected directly to the relevant vehicle buses (CAN, Flexray, LIN). Due to the direct connection to the available bus interfaces, almost all communication within the vehicle can be intercepted. An Android app is also included. The solution scans the sensor data on the CAN network and transmits the information wirelessly, via WLAN or Bluetooth, to mobile devices. The app visualizes and controls any vehicle data in real time.

"The SC Automotive Summit is an optimal platform for us to underline our know-how in industrial and automotive projects as well as to win new project partners. Since the event is mainly attended by suppliers and automotive OEMs, we are looking forward to a lot of interesting discussions, especially with the panel discussions", said Christoph Schoenmetzler, CEO In-tech USA.

The company also demonstrates apps that are used on tablets, smartphones, or smart watches to optimize and monitor production facilities in machinery parks. With these apps, the company shows how the operation of production plants is optimized by the improved integration of the operator into the overall process. Through various views, the app assists operators, guides them to the right place, and increases productivity.