

# Link between cloud and CAN in-vehicle network

**Bosch introduces its Myspin smartphone integration tool. This allows riders to view their smartphone screens on the motorcycle display.**

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The smartphone content can be displayed on the motorcycle display, which is connected to the CAN in-vehicle network (Photo: Bosch)

The launched software trims down smartphone apps so that the display shows only the most important information. Once the phone is connected to the two-wheeler, the rider can use buttons and control knobs on the handlebars to access data on the phone display, such as contacts, calendars, or even favorite apps. Inter-app communication makes it easier, for instance, to enter route destinations thanks to direct access to the contacts stored on the phone. The system is linked with the motorcycle's CAN in-vehicle network and the cloud. So if the motorcycle's tank is running low, for example, the biker can be informed in advance about gas stations in the vicinity. Bosch collaborates with several app partners including Calimoto, Sygic and Mireo.

As it turned out, a survey conducted by Bosch and Innofact AG indicates that nearly 90 percent of the motorcyclists polled in Germany use a smartphone at some point during their journey – for example, to plan their route or during stops. One-third of respondents actually reach for their smartphones during the journey – behavior that is extremely dangerous.

The survey indicates that motorcyclists want to use their smartphones while riding, but as far as Bosch is concerned, this needs to be done safely – both for the riders themselves and for other road users. That is why the company developed the Myspin smartphone integration tool. Its objective is to keep riders from being distracted. "Making the roads safer without decreasing biking enjoyment or changing the nature of riding a motorcycle – that is what we want to achieve," said Geoff Liersch from Bosch.

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