

## NFC projects at the BMW group

NFC smart-LABELs by *smart-TEC* simplify WLAN pairing with the BMW LTE Car Hotspot. In combination with the BMW smartphone holders for the Samsung™ Galaxy S2 / S3 / S4, future BMW wireless apps will be launched automatically.

Nowadays fast home Internet is indispensable – the new BMW LTE Car Hotspot LTE (Long Term Evolution) now also makes this possible on-the-go, both inside and outside the vehicle. Up to eight users can use this most recent generation of fast WLAN data connection simultaneously. BMW LTE Car Hotspot the WLAN connection is initiated by means of an eight-digit WPA2 passkey. An absolute innovation - with an integrated NFC transponder, the pairing between the NFC-capable end device and the Car LTE Hotspot takes place completely automatically. All necessary data (SSID and WPA2 Passkey) are programmed onto the chip and are device-specific. In order to establish a connection, you place the NFC-capable end device briefly on the BMW LTE Car Hotspot, in the area of the LTE logo. WLAN is then automatically activated and the connection established.

This professional smartphone holder for the Samsung Galaxy S2 / S3 / S4 mobile phones can be stuck directly onto the windscreen disc and can then be removed again. It also offers the option of supplying the device with power directly via the 12V car cigarette lighter – fixed installation can be carried out by BMW Service, whereby the cabling runs almost invisibly alongside the on-board electrics, meaning that the cigarette lighter is still available for use. A smart-LABEL by *smart-TEC* is also integrated directly below the BMW lettering, which provides the customer with additional features and ease of use. As soon as he/she places the device into the holder with the NFC interface activated, the BMW wireless app is launched automatically using the stored URL. If the app is not installed on the Android device upon initial contact, the user is forwarded to the Playstore where he/she can download the app free of charge. The BMW wireless app supports simple and intuitive use of the most important functions of your smartphone inside your car. The visually appealing user interface enables you to listen to music and make calls inside your BMW.

### Photos (attached):



< BMW LTE Car Hotspot Project (photo: BMW Group)



< BMW smartphone holder for Samsung™ Galaxy S2 / S3 / S4 with NFC

### About *smart-TEC*:

*smart-TEC* GmbH & Co. KG is a company belonging to the RATHGEBER Group in Oberhaching near Munich. For more than 10 years, it has been developing and manufacturing customer-specific RFID transponders. It offers products ranging from self-adhesive, printed RFID and NFC labels to robust, long-life weather- and temperature-resistant RFID transponders for the industrial sector. The majority of the RFID transponders are certified for use in explosion hazard environments. *smart-TEC* also offers comprehensive project support in cooperation with system partners.

### Our core competencies:

- Robust, durable, industry-compliant, weather- and temperature-resistant RFID and NFC transponders - including for explosion hazard environments
- Customer-specific RFID and NFC labels, printed or blank, with the most varied of chip technologies, frequency ranges and forgery- and tamper-proof features
- Comprehensive NFC expertise at our NFC Competence Centre
- Competent project consultation and support

### Want to find out more? Please contact us!

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