

Joined forces serving automotive Bluetooth[®]

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Vehicle specific Bluetooth[™] features are on the way that are going to offer convenient and desirable services for the user.

Car diagnosis, phone access, personalization profiles etc. can work with the Bluetooth wireless technology and will soon be integrated into cars, busses, lorries etc.

However, the implementation of further radio-based features into automobiles is not unproblematic. Any kind of radio systems within vehicles can cause unwanted interaction with the highly sensitive vehicle electronics. Therefore questions of electromagnetic compatibility (EMC) have to be taken into consideration very carefully.

The German based specialists of the „EMC Test NRW“ and the Bluetooth experts of „7 layers“ have joined forces to face these challenges.



Immunity test of a Bus in the anechoic chamber

„EMC Test NRW“ offers excellently equipped EMC test laboratories that are especially suitable for the testing of large objects such as cars, trucks, busses etc. In addition to this „EMC Test NRW“ offers development support for EMC planning and optimisation. Enterprises like AUDI, CLAAS, DAF, Ford, MAN, O&K, Opel, van Hool, Volvo, VW and many others are already relying on the services of „EMC Test NRW“.

The know-how one finds here gets ideally completed with the Bluetooth development support and qualification services from 7 layers, the market leaders for Bluetooth qualification.

The automotive industry – looking for development and implementation support of Bluetooth profiles – will find the cooperation between „EMC Test NRW“ and 7 layers highly useful and reliable, in order to speed up time-to-market.

About “EMC Test NRW”

EMC Test NRW was founded 1995 and is internationally active in offering services concerned with the electromagnetic compatibility within vehicles of all kind. EMC Test NRW has one of the most modern and efficient EMC test laboratories in Europe especially suitable for large objects like cars, busses, trucks, construction plants etc. EMC Test NRW has been accredited according to ISO/IEC/17025 (DATech-Germany) for technical services on the basis of the vehicle directive 54/95/EC (KBA-Germany, RDW-Netherlands). It has also got the status of competent body (RegTP-Germany) on the basis of the EMC directive 336/89/EEC. EMC Test NRW offers the complete EMC planning, optimization, testing and type approval handling services necessary for market access.

More information at <http://www.emc-test.de>

About 7 layers

7 layers is an engineering company for the wireless communications industry with broad expertise in development, testing and qualification for Bluetooth™, GSM and other wireless technologies. The services range from optimisation of technology and product development to customized solutions for testing - with the help of the InterLab® system (developed by 7 layers)- to worldwide qualification. The InterLab® system stands for highly cost effective, professional testing and gives everybody involved in the test process easy access to all information and support necessary. 7 layers has service centres and laboratories in Germany, UK, USA and China. It has an officially accepted Bluetooth Qualification Test Facility and four BQB's. Please visit us at <http://www.7Layers.com>

Notes to the Editor

1. Bluetooth® is a trademark owned by the Bluetooth SIG Inc. and licensed to 7 layers.
2. InterLab® is a registered trademark of 7 layers AG

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