



Press Information
30 January 2015

BMW Group ConnectedDrive increases data security. Rapid response to reports from the German Automobile Association ADAC.

Munich. As the leading manufacturer in the networking of driver, vehicle and the surrounding environment, the BMW Group is increasing the security of data transmission in its vehicles. This is the company's response to reports from the German Automobile Association (ADAC). The motorist's association had identified a potential security gap when data is transmitted. The BMW Group has already closed this gap with a new configuration.

The experts from the ADAC had put the company through a strategic review as market leader in vehicle networking. This check revealed a potential security gap affecting the transmission path via the mobile phone network. BMW Group hardware was not impacted. The online capability of BMW Group ConnectedDrive allowed the gap to be closed quickly and safely in all vehicles. Access to functions relevant to driving was excluded at all times. There was no need for vehicles to go to the workshop.

The update is carried out automatically as soon as the vehicle connects up to the BMW Group server or the driver calls up the service configuration manually. The online services of BMW Group ConnectedDrive communicate with this configuration via the HTTPS protocol (HyperText Transfer Protocol Secure) which had previously been used for the service BMW Internet and other functions. The BMW Group ConnectedDrive packages in the vehicle are thereby using encryption which in most cases is also being used by banks for online banking. On the one hand, data are encrypted with the HTTPS protocol, and on the other hand, the identity of the BMW Group server is checked by the vehicle before data are transmitted over the mobile phone network.

In this way, the BMW Group has responded promptly and increased the security of BMW Group ConnectedDrive, because no cases have come to light yet in which data has been called up actively by unauthorised persons from outside or an attempt of this kind is made in the first place.



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The BMW Group

With its three brands BMW, MINI and Rolls-Royce, the BMW Group is the world's leading premium manufacturer of automobiles and motorcycles and also provides premium financial and mobility services. As a global company, the BMW Group operates 30 production and assembly facilities in 14 countries and has a global sales network in more than 140 countries.

In 2014, the BMW Group sold approximately 2.118 million cars and 123,000 motorcycles worldwide. The profit before tax for the financial year 2013 was € 7.91 billion on revenues amounting to approximately € 76.06 billion. As of 31 December 2013, the BMW Group had a workforce of 110,351 employees.

The success of the BMW Group has always been based on long-term thinking and responsible action. The company has therefore established ecological and social sustainability throughout the value chain, comprehensive product responsibility and a clear commitment to conserving resources as an integral part of its strategy.

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