



Media information  
02. May 2016

## **With the optional “Intelligent Emergency Call”, BMW Motorrad is offering a motorcycle eCall system for the first time. Fast help in the case of an accident or an emergency situation.**

**Munich.** Getting help to the scene of an accident or emergency as fast as possible can save lives. This applies especially to motorcyclists. For this reason BMW Motorrad has developed the optional “Intelligent Emergency Call” system which is intended to get help to the accident or emergency scene as fast as possible.

In the case of an accident, a vehicle-integrated eCall system can make the difference between life and death. As already shown in 2011 as part of a pan-European eCall trial involving BMW vehicles, emergency services were able to respond more quickly and get to the scene of the accident 40 to 50 percent faster. The European Commission in charge of the trial at the time, estimated that using an eCall system would save up to 2,500 lives every year also saving € 26 billion in the process.

eCall was used for the first time in BMW automobiles in 1999 in Europe. In 2007, the BMW Group extended this safety system by establishing an intelligent and cross-border call center infrastructure. From 2018, eCall will become mandatory for all new cars. Thanks to the synergy effects with BMW Automobiles the system is expected to be available for the first time in a BMW motorcycle ex works as an option from beginning of 2017.

### **Satellite-supported localisation of the emergency site**

In the case of an emergency or an accident, the intelligent eCall system, which is either automatically or manually triggered, sends out the position data, i.e. the coordinates of the motorcycle accident site, to the qualified BMW Call Center to initiate the rescue chain. The current position as well as information for determining the direction of travel are transmitted to simplify locating the motorcyclist in hard-to-find locations such as motorway junctions.

Firma  
Bayerische  
Motoren Werke  
Aktiengesellschaft

Postanschrift  
BMW AG  
80788 München

Telefon  
+49 89 382-0

Internet  
[www.bmwgroup.com](http://www.bmwgroup.com)



Media information

Date 02. May 2016

Topic

page 2

## **Mobile network connection using permanently installed mobile communication unit**

eCall requires a connection to the mobile phone network in order to trigger the rescue chain. In the “intelligent emergency call” option, the connection is established via the permanently installed mobile communication unit. For the connection no specific mobile operator is required. All that is necessary is at least one operational mobile provider. The service will be made available in all European countries.

The intelligent emergency call takes three scenarios into account:

### **Scenario 1: Automatic triggering in the case of a bad fall / collision.**

The emergency call is automatically triggered without time delay, sending a message to a qualified BMW Call Center. The accident victim/rider is taken care of by the BMW Call Center via audio connection until the emergency service arrives. Help is sent out in any case even if there is no response. A display in the instrument cluster shows that the eCall has been initiated. An acoustic signal is also set off. In this case the rider cannot cancel the emergency call any more.

### **Scenario 2: Automatic triggering in the case of a minor fall / collision.**

In this case the emergency call is only triggered after 25 seconds before sending a message to the BMW Call Center. If no help is necessary after only a non-serious accident, the accident victim/rider has the opportunity of cancelling the emergency call at the press of a button. If he does not cancel, the rescue chain is initiated as in scenario 1. A display in the instrument cluster shows that the eCall has been initiated. An acoustic signal is also set off.

### **Scenario 3: Manual triggering by pressing a button**

In this case the eCall is triggered manually by pressing the SOS button on the right handlebar end, e.g. for calling help for other road users in need. A message is sent to the BMW Call Center and a voice connection is established. A voice



Media information

Date 02. May 2016

Topic

page 3

connection is mandatory if the eCall was triggered manually before further measures are initiated. Here too, the accident victim/rider is also given the opportunity to cancel the emergency call at the press of a button or by turning off the ignition. The intelligent emergency call can only be triggered manually when the motorcycle is stationary with the ignition on.

### **The “intelligent emergency call” system recognises non-emergency situations**

The emergency call is not triggered automatically in non-emergency situations (e.g. if the bike falls over in a stationary position or in accidents at low speeds with no other traffic user involved, a shock to the bike when riding over a pothole or while off-road riding (e.g. small jumps or riding over obstructions).

### **Ergonomically designed control unit featuring loudspeaker and microphone**

The “intelligent emergency call” option is located on the right side of the handlebar and is both ergonomic and compact. In addition to the cover-protected SOS button used for triggering or cancelling an emergency call, a microphone and loudspeaker have also been integrated.

### **Sophisticated situational detection sensors**

Sensors on the motorcycle detect which event occurred. A crash sensor detects events such as collisions with another vehicle or crashing into an obstruction. A banking angle sensor detects high and low-siders, i.e. which position the motorcycle is in.

### **Native speaker voice connection to the BMW call center**

The intelligent emergency call system, available in a BMW motorcycle for the first time, constitutes a premium service with international coverage. When a voice connection is made, the rider can communicate with the BMW Call Center in his native language. This is a stand-alone feature which is highly effective in an emergency situation. The optional “intelligent emergency call” will be rolled out



Media information

Date 02. May 2016

Topic

page 4

in Germany first and then also introduced quickly to further European markets and models.

You will find press material on BMW motorcycles and BMW Motorrad rider equipment in the BMW Group PressClub at [www.press.bmwgroup.com](http://www.press.bmwgroup.com).

Internet: [www.press.bmw.de](http://www.press.bmw.de)

E-mail: [Press.contact](mailto:Press.contact)

### **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 2015, the BMW Group sold approximately 2.247 million cars and 137,000 motorcycles worldwide. The profit before tax for the financial year 2014 was approximately € 8.71 billion on revenues amounting to € 80.40 billion. As of 31 December 2014, the BMW Group had a workforce of 116,324 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.

[www.bmwgroup.com](http://www.bmwgroup.com)

Facebook: <http://www.facebook.com/BMWGroup>

Twitter: <http://twitter.com/BMWGroup>

YouTube: <http://www.youtube.com/BMWGroupview>

Google+: <http://googleplus.bmwgroup.com>