



Bosch Communication Center showcases elevator emergency support of the future

- ▶ "Electronic elevator technician" on hand to ensure reliable and cost-effective maintenance
- ▶ Increased elevator reliability thanks to GSM technology fit for the future
- ▶ Joint presence with partner Vodafone at CeBIT in Hanover, Germany (pavilion 32, Vodafone booth)

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Together with Vodafone, Bosch Communication Center will be showcasing a solution for elevator emergency support fit for the future at CeBIT. The "electronic elevator technician" uses GSM technology, which replaces existing analogous systems, optimizes maintenance processes and cuts operating costs. The world's largest trade fair for digital IT and telecommunications solutions, CeBIT, is being held in Hanover, Germany, from March 1-4, 2011.

"Electronic elevator technician" guarantees reliable maintenance

The "electronic elevator technician" features an automated electronic maintenance function, thereby dramatically increasing elevator operational reliability. Some examples of when this system comes into play are if the elevator lights go out or the automatic door-closing function stops working correctly. In these instances, the elevator control unit receives a fault message and then immediately notifies the emergency and service monitoring center of this. If required, appropriate action is then taken to prevent any accidents. These services increase safety while at the same time reducing the risk of liability for elevator operators.

The "electronic elevator technician" also ensures that operators benefit from optimized maintenance processes and lower operating costs. Thanks to the transmission of fault messages from the elevator control unit to the monitoring center, preemptive action can be taken that could prevent the elevator from malfunctioning or repair work that is time consuming to be performed. Further more, the regular checks performed by the electronic maintenance function ensure that costly on-site services are a thing of the past.

Elevator reliability thanks to GSM technology fit for the future

The Vodafone GSM network is used to connect the elevator control unit to the Bosch emergency and service monitoring center. By using GSM technology in its elevator emergency support systems, Bosch Communication Center is completely supplanting the existing analogous systems. The technology represents an investment for elevator operators that will stand the test of time: a new IP-based network is set to replace fixed-line telephone connections from 2014. Elevator operators will need to have taken action by 2014 at the latest to ensure that they meet the statutory requirements. The German Ordinance on Industrial Safety (BetrSichV) and the European standard EN 81-28 stipulate that elevator operators are required to fit elevators with an elevator emergency system and a connection to a center manned around the clock – a regulation that is already in practice today.

Complete solution for elevator operators

Bosch Communication Center provides elevator operators, property managers and housing associations with a complete solution designed to meet their needs in relation to elevator emergency support. This solution incorporates consultation, training provision for partners, delivery, installation in addition to connection to the Bosch emergency and service monitoring centers, provision of emergency aid (assisting people in the elevator) and the hardware can either be purchased or leased. The GSM elevator emergency support systems from Bosch Communication Center are certified by the German inspection body TÜV and meet the regulations applicable in Germany, including the VDMA (German Engineering Federation) guidelines.

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