

Bosch Communication Center at Security 2008 Focus on Video Remote Monitoring

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- ▶ Bosch opts for IP transmission paths for video remote monitoring

At Security 2008 in Essen, Bosch Communication Center presents video remote monitoring using TCP/IP transmission paths as well as mobile security services for monitoring people and mobile objects. Using TCP/IP technology in alarm transmission brings a range of benefits. Images are being transferred to the security monitoring centers of Bosch Communication Center in high quality and speed. Together with the alarm signal from security systems, the images are quick to arrive in the monitoring centers and can be immediately processed.

Monitoring customers benefit from secure alarm transmission

For customers, the technical benefits are clear: Instead of cameras being wired up separately as they were before, they can now be integrated into company systems using existing networks. Transmission over TCP/IP is also more secure: The data is transferred directly to the monitoring stations via a protected Virtual Private Network (VPN) tunnel. Installation is also significantly easier and enables cameras to be added or removed as required in a more flexible way, thereby saving both time and money. Guard control routes and surveillance of persons via video remote monitoring are also possible as an additional service.

Model truck at exhibition booth demonstrates mobile security

In addition to monitoring buildings and systems, Bosch Communication Center specializes in the monitoring and protection of mobile objects such as vehicles, containers and people. The model truck produced especially for the event will demonstrate at the exhibition booth how the Communication Center ensures reliable protection for vehicle, freight and driver throughout the logistics chain: from storage to transport and right through to handling.

The security monitoring centers observe the various events remotely via GPS/GSM-based positioning and transmitting devices installed in the vehicle or container. These immediately report on objects being removed from their location without permission or deviating from predefined routes. Sensors register vibrations, the opening of doors, the coupling and uncoupling of the trailer, or ignition of the engine. They also measure and transmit technical data such as axle load, tire pressure and interior temperature.

Using the transferred data, the agents at the monitoring center analyze the immediate situation and position of the vehicle or container and implement remedial and security measures. In addition to private intervention partners on site, the Bosch agents also inform local police and rescue services, if necessary. For this process, the monitoring centers have access to a Europe-wide network that ensures fast and qualified on-site assistance.

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The Bosch Group is a leading global supplier of technology and services. In the areas of automotive and industrial technology, consumer goods, and building technology, some 271,000 associates generated sales of 46.3 billion euros in fiscal 2007. The Bosch Group comprises Robert Bosch GmbH and its more than 300 subsidiaries and regional companies in roughly 50 countries. This worldwide development, manufacturing, and sales network is the foundation for further growth. Each year, Bosch spends more than 3 billion euros for research and development, and applies for over 3,000 patents worldwide. The company was set up in Stuttgart in 1886 by Robert Bosch (1861-1942) as "Workshop for Precision Mechanics and Electrical Engineering."

The special ownership structure of Robert Bosch GmbH guarantees the entrepreneurial freedom of the Bosch Group, making it possible for the company to plan over the long term and to undertake significant up-front investments in the safeguarding of its future. Ninety-two percent of the share capital of Robert Bosch GmbH is held by Robert Bosch Stiftung GmbH, a charitable foundation. The majority of voting rights are held by Robert Bosch Industrietreuhand KG, an industrial trust. The entrepreneurial ownership functions are carried out by the trust. The remaining shares are held by the Bosch family and by Robert Bosch GmbH.

Additional information can be accessed at www.bosch.com.