



PRAESENSA sets new industry benchmark New Bosch Public Address and Voice Alarm System goes IP

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- ▶ All system components are IP-networked for highest flexibility and scalability
- ▶ Amplifier architecture allocates power intelligently for very competitive cost of ownership
- ▶ No single point of failure with built-in redundancy
- ▶ User-centric call station design delivers an intuitive interface

Eindhoven/Grasbrunn – PRAESENSA is the latest Public Address and Voice Alarm System from Bosch – IP-connected and fully-featured. All components of the system are networked, thereby ensuring the highest flexibility and scalability from small centralized to large decentralized systems. The Bosch OMNEO* IP architecture supports Dante™ audio networking, AES67 and AES70 protocol.

The innovative multi-channel amplifier architecture with intelligent power allocation across the amplifier outputs and integrated spare channel significantly improves the effective utilization of available power, regardless of the loudspeaker load in each zone. As a result, fewer amplifiers are needed, saving up to 50 percent on space, energy and backup battery power and leading to a very competitive cost of ownership.

PRAESENSA offers special features for the highest level of data security and full network link redundancy with smart integration of functions and backup facilities. No single point of failure is core to the system concept and only a few different devices are needed to fulfill all system and user needs.

The intuitive interface of the call station provides an optimized user experience through an effective combination of touch screen and selection buttons. Clear progress guidance and status feedback ensure comfort and ease of use for operators.

PRAESENSA is a comprehensive system that is compliant to the evacuation standard EN 54-16 and adapts easily to changing needs. It offers full sound

control per zone to create the right atmosphere with background music and to meet speech intelligibility requirements for business and emergency operations, making it a fit-for-purpose solution for consultants, installers and building owners alike.

Bosch is a trusted partner with more than 90 years of experience in Public Address Systems. As a true market leader, Bosch introduced the first networked digital Public Address and Voice Alarm System 15 years ago and continues to develop innovative technology and solutions. Now Bosch is presenting the full IP-based PRAESENSA, a solution that connects all the dots and sets again new industry standards.

The PRAESENSA Public Address and Voice Alarm System was available from December 2019 onwards.

***About OMNEO**

OMNEO is an architectural approach to connecting devices which need to exchange information such as audio content or device control. Built upon multiple technologies, including IP and open public standards, OMNEO supports the technologies of today - such as Audinate's Dante™ - while adopting the standards of tomorrow. OMNEO offers a professional-grade media networking solution that provides interoperability, unique features for easier installation, better performance, and greater scalability than any other IP offering on the market.

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The Bosch division Security Systems is a leading global supplier of security, safety, and communications products and systems. In selected countries Bosch offers solutions and services for building security, energy efficiency and building automation. About 9,000 associates generated sales of roughly 1.8 billion euros in 2016. Protecting lives, buildings and assets is the major aim. The product portfolio includes video surveillance, intrusion detection, fire detection and voice evacuation systems as well as access control and management systems. Professional audio and conference systems for communication of voice, sound and music complete the range. Bosch Security Systems develops and manufactures in its own plants in Europe, Americas and Asia.

Additional information is available online at www.boschsecurity.com

The Bosch Group is a leading global supplier of technology and services. It employs roughly 400,500 associates worldwide (as of December 31, 2017). According to preliminary figures, the company generated sales of 78 billion euros in 2017. Its operations are divided into four business sectors: Mobility Solutions, Industrial Technology, Consumer Goods, and Energy and Building Technology. As a leading IoT company, Bosch offers innovative solutions for smart homes, smart cities, connected mobility, and connected industry. It uses its expertise in sensor technology, software, and services, as well as its own IoT cloud, to offer its customers connected, cross-domain solutions from a single source. The Bosch Group's strategic objective is to create solutions for a connected life, and to improve quality of life worldwide with products and services that are innovative and spark enthusiasm. In short, Bosch creates technology that is "Invented for life." The Bosch Group comprises Robert Bosch GmbH and its roughly 450 subsidiaries and regional companies in some 60 countries. Including sales and service partners, Bosch's global manufacturing, engineering, and sales network covers nearly every country in the world. The basis for the company's future growth is its innovative strength. At 125 locations across the globe, Bosch employs 62,500 associates in research and development.

Additional information is available online at www.bosch.com, www.iot.bosch.com, www.bosch-press.com, www.twitter.com/BoschPresse.

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PRAESENSA - the new Bosch Public Address and Voice Alarm System goes IP

The intuitive interface of the call station provides an optimized user experience through an effective combination of touch screen and selection buttons.

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