



Press Release

Bosch Security Systems B.V.
Direct Export
P.O. Box 80002
5600 JB Eindhoven
The Netherlands
Visitors:
Glaslaan 2
5616 LW Eindhoven
Tel +31 40 27 86 092
Fax +31 40 27 88 284
[www.boschsecurity.com/
export](http://www.boschsecurity.com/export)
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Bosch introduces new serial interface

Unique integration of voice evacuation and fire alarm systems

- 'One-stop-shop' solution with fire and voice alarm integration
- Broad 'plug-and-play' application scope for many types of projects
- Easy connection to Building Integration System (BIS) for large-scale applications

In line with the latest European standards Bosch Security Systems offers a new "one-stop-shop" solution with fire and voice alarm integration to satisfy the growing demand and customer requirements within the safety segment.

The Bosch Fire Alarm systems use a serial RS232 interface which is connected to the Plena Public Address and Voice Alarm system. This is considered unique because of the single manufacturer source and the significant reduction of cabling and hardware costs. The RS 232 interface allows supervised control of up to 120 voice alarm triggers and 'smart' Voice Evacuation control via Bosch's Fire Panel 1200 and the Modular Fire Panel 5000 Series.

A large-scale application comprising the Praesideo Public Address and Emergency Sound System and the Modular Fire Panel 5000 series can intercommunicate via the Building Integration System (BIS). This solution facilitates fast warning and phased evacuation in large building complexes in the event of fire.

Most important is that both the Praesideo and Plena Voice Alarm systems comply with the EVAC-IEC/EN 60849 standards. The Praesideo System also complies with the EN 54-16 and ISO 7240-16 standards. In addition, the Fire Panel 1200 and 5000 series comply with the pan-European EN 54-2 A1 and EN 54-4 A2 standards. Products and systems complying with EN standards guarantee a high level of performance beyond basic mandatory CE approval. With the addition of the new Serial Interface, Bosch continues its policy of customer-oriented product and system development.

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For more press information, please contact:

Bosch Security Systems B.V., **Andries Nouwens**, P.O. Box 80002,
5600 JB Eindhoven, The Netherlands, Tel.: +31 (0)40 278 4066,
Fax: +31 (0)40 278 8284, Email: andries.nouwens@nl.bosch.com

The Bosch Group is a leading global manufacturer of automotive and industrial technology, consumer goods, and building technology. In fiscal 2005, some 251,000 associates generated sales of 41.4 billion euros. Set up in Stuttgart in 1886 by Robert Bosch (1861-1942) as "Workshop for Precision Mechanics and Electrical Engineering," the Bosch Group today comprises a manufacturing, sales, and after-sales service network of some 260 subsidiaries and more than 10,000 service centers in over 130 countries.

The special ownership structure of the Bosch Group guarantees its financial independence and entrepreneurial freedom. It makes it possible for the company to undertake significant up-front investments in the safeguarding of its future, as well as to do justice to its social responsibility in a manner reflective of the spirit and will of its founder. 92 % of the shares of Robert Bosch GmbH are held by the charitable foundation Robert Bosch Stiftung. The entrepreneurial ownership functions are carried out by Robert Bosch Industrietreuhand KG.

Additional information can be accessed at www.boschsecurity.com/export