

Showroom Vividly Presents Building Automation

System integrator underpins market leadership in southern Russia with KNX showroom

Winner
KNX Award 2010
Category
Publicity



Showroom at BIS: Customers can receive advice and derive inspiration for the technical installations of their own building projects.

An impressive exhibition of the equipment available helps potential customers to acquire information and make their decision. In building technology this concerns not only the appearance of switches, operating elements, displays etc. but also the functionality of the equipment. The new showroom of the BIS group of companies in Rostov-on-Don is the ideal information source for customers. The KNX jury felt that the Publicity Award should go to them.

The BIS Group for Engineering and Integration was founded in 1993 and is one of the leading suppliers of building automation in southern Russia. Since 2005, the first projects were residential buildings where specialists installed proprietary home automation systems. After recognizing that the limited conduction capacity of these systems could no longer cope with the ever-increasing customer requirements, BIS has been concentrating on the KNX building system technology. For the purpose of informing customers and other parties, the company used a 200 m² space to install

and illustrate various systems which are based on state-of-the-art technology by international market leaders.

Experiencing modern lighting comfort

The BIS Group opted for KNX because the system is open and flexible, meets increasing demand in residential and commercial developments, can be used for various different functions, and because the market provides suitable components and systems by different manufacturers. The idea was to demonstrate these advantages in the showroom. With products by the system suppliers ABB, Gira, Berker, Busch-Jaeger and other manufacturers, the trends and

advantages of building automation are very clearly displayed. For example, visitors can experience move the advantages of modern lighting comfort themselves by operating design buttons, sensor operating panels, touch displays or remote-control units to create interesting lighting scenarios. Or they can just walk through a room and experience how lighting is automatically switched on and off. A model of a heating and air conditioning system demonstrates, with colourful neon tubes, how to conserve heating and cooling energy with automatic room temperature control.

A multi-room control system with a comfortable operating element and a representative touch screen invites customers to create the music backdrop they want anywhere in the house and at the same time, use the controls to enhance the mood with lighting scenes.

An impressive switch and control center

The showroom also offers solutions for security scenarios. Examples are sensors and video cameras to monitor spaces or the integration of biometric access control. Finally, all of this is linked to a central display unit. The moni-

tor displays all functions of the simulated building automation which are represented by colored symbols and which are easy to control and operate by touch. Equally impressive for customers are internet functions such as email, news, weather reports, internet TV and radio.

The BIS Group's latest press release is indicative for the Group's marketing activities for building automation. Here the management states that the award is a clear indicator of the competence of the company and further confirms its market leadership in the region.

Advantages of KNX for building automation as stated by the BIS Group

- Flexibility and multifunctionality
- Compatibility between products by different manufacturers
- Open for other systems
- Integration of different building functions such as lighting, heating, ventilation and air conditioning, solar screening etc.
- Can be linked to a higher-level building management system

Technical refinements in the showroom

- One of the impressive technical highlights is the visualization on a touch panel with layout drawings and views of rooms, color coding for different functions, options for control, dimming and switching, options for creating scenarios by controlling the lighting and window blinds, including central and decentralized operation, multi-room control, internet functions, video monitoring and display of consumption data.

Participating companies:

Building owner, designer and KNX system integrator: BIS Group, Rostov-on-Don, Russian Federation, homepage: www.bisrostov.ru



In the showroom, display boards illustrate each of the different functions that are controlled via KNX.