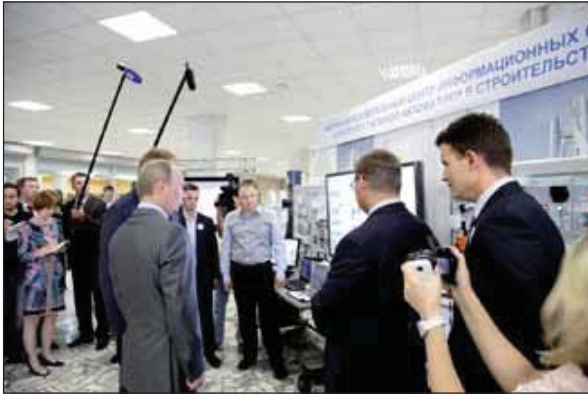


The president acquaints himself with energy efficiency using KNX

KNX Russia presents KNX home and building automation to an important visitor

Winner
KNX Award 2012
Category
Publicity



The Russian president Vladimir Putin is shown KNX lighting control functions

Now even the Russian president Vladimir Putin knows that there are control systems which support efficient building management. During a visit to the Moscow State University of Civil Engineering, he was given the opportunity to learn about the latest trends in building automation with KNX. For the first time on a global scale, the benefits of KNX technology have been presented to an incumbent president. KNX Russia set up training benches to demonstrate the functions. The president and his companions appeared interested and were impressed by the lighting control with dimming functions and scenes. This initiative and exemplary demonstration of home and building automation functions by KNX Russia has been rewarded with the Publicity Award as KNX Russia installed both a training room and a showroom in the university.

Building intelligence on 40 square metres

The training benches in the KNX laboratory are equipped with the most important building automation functions. In addition to lighting control, these include room temperature control, blind control, alarm systems and technical monitoring. Using algorithms, the course participants can, for example, link room temperature values, night cooling and blind control so that energy-efficient heating and cooling is

achieved. The integration of video and audio via an AMX gateway conveys the possibilities of media control.

In the showroom, functions and operating states can be operated and controlled via a touch panel (Jung) and a mobile panel. Setpoint values can be set here via designed menus, lamps can be dimmed and video images of the monitoring system can be called up. Even Microsoft Surface (new name PixelSense) table with a multi-touch surface has been integrated so that interested parties can be shown special high-end applications.

The fundamental benefits of the global standard can be expressed if nothing else: efficient building technology, functionality, security, comfort and the interoperability of the various manufacturers in KNX. The integration of all possible functions in a room that covers only 40 square metres can be called "a technical achievement" – with various lights, fan coils, heating control, projectors and operating elements.

Benefits provided by KNX in this project

- Demonstration and training of building automation
- Integration of lighting, heating, air conditioning, blind control, sun protection, media technology and video monitoring
- Central control and operation
- Operation via AMX media technology
- Operating elements with an emphasis on design

Operator:

KNX Russia, Andrey Golovin,
www.konnex-russia.ru

Scope

Costs:

125,000 US dollars



Intelligent building automation functions were demonstrated in the meeting room