



# High Tech Behind a Traditional Front - Room Operating Panels by Thermokon in the Hotel Savoyen in Vienna



An impressive combination of classic and modern design characterizes the new Austria Trend Hotels Savoyen Vienna located on the edge of the wonderful Belvedere palace park in the middle of the embassy quarter of Vienna, Austria. The former building of the Austrian State Printing Trade, built in 1888 and 1892 according to the plans of Heinrich Köchlin, was fully rebuilt from 2006 to 2007 according to the construction plans of the famous architect, Prof. Dipl.-Ing. Hofmann. The hotel integrates a part of the precious historical façade from the year 1892, and creates an architectonic bond between past and future. On the outside, the building has saved its historical face. Inside, however, a very modern hotel has been created.

319 fashionably designed rooms, including 43 individually designed suites, win over guests with their classic modern architecture and sophisticated design. The

heart of the building is the atrium which is flooded with light and spreads over six floors. It is the starting point of all the important areas of the hotel such as the ballroom, which is more than 1000 square meters, the seven variable seminar and conference rooms that range between 25 and 150 square meters, the atrium lounge, fitness, and wellness area as well as the hotel rooms. The bright conference rooms are equipped with the latest technology and offer the best conditions for all kinds of events.

To meet the requirements of a four-star-plus hotel, the sophisticated room operating panel WRF08 by Thermokon Sensortechnik with illuminated display for air conditioning, lighting and shutter control was selected. "Parameterization and design were decisive in choosing the WRF08," confirmed the project manager, Reinhard Idinger of Johnson Controls. All WRF08 room panels communicate via the LON field bus with the ADIRS 1035 modules, the AD-IRC 4245 control system of Johnson Controls, and the building control technology. The free topology selection of the LON network corresponded best to the architectural structures. Moreover, LON enables later extensions without having to pay any heed to the existing bus topology.



*Alexander Herdlicka (Thermokon Austria), Mircea Cojocea (Hotel Savoyen) and Johann Steiner (Johnson Controls) during an on-site appointment*

*Visit our website for more case studies: [www.lonmark.org/connection/case](http://www.lonmark.org/connection/case)*

The bus system networks almost 400 room operating panels and 14,000 data points. All system statuses are visualized on the building control technology. The visualization is realized by the Metasys Operator Workstation (OWS) and Metasys M5 Facility Operator on a project PC. Even the room-reservation computer is connected to the building automation and shows the current occupancy status each day. Unoccupied rooms remain in a stand-by mode while in occupied rooms the room temperature is kept at night temperature (night lowering) as long as the guest is not in the room. As soon as the guests check in and the key card reader is activated, the heating is changed to standard operation. Thus, energy is saved and running costs are reduced.



“It is too early to make a summary of the energy savings after only nine months, but experience has shown that all the results are positive. The operation is very easy and the building control technology still offers many features to optimize the energy consumption. Personally, I would recommend the WRF08 panel at any time.” Mircea Cojoccea, technical manager of the Savoyen hotel, said. “Regarding the comparative values for energy efficiency - please contact me again in three years.” An appointment has already been made.

### Contact:

Thermokon Sensortechnik GmbH  
Tel.: +49 (0) 2772 / 6501-0  
email@thermokon.de  
www.thermokon.de