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# New HVAC system for more flexibility and ease of operation

Hotel Wienerwaldhof, Tullnerbach/Austria

Hotel Wienerwaldhof is located in picturesque surroundings near Vienna.

The hotel offers ideal conditions for a relaxing holiday or an interesting seminar. Also, the hotel shall meet the comfort needs of all guests. The HVAC system has therefore been equipped with the latest and most advanced controls from Siemens.

The hotel consists of several buildings and is located at the edge of a forest. It offers its guests comfortable rooms and junior suites, spacious gardens, a number of seminar rooms, a sun terrace, a restaurant with local specialities, and an excellent wine cellar with Austrian vintage wines.

The functional and spacious structure of the hotel buildings ensures that every holiday-maker will enjoy a pleasant stay and everyone attending a seminar will be able to work in peace.

All rooms have furniture made of solid wood in the country-specific style. They feature showers or bathrooms, satellite TV, and telephone.

Answers for infrastructure.



### Hotel Wienerwaldhof, Tullnerbach

The hotel buildings were equipped with different types of outdated HVAC controls. To make adjustments to the system, the respective controller had to be manually readjusted. This situation was no longer acceptable. For this reason, a key requirement the new control system had to meet was central and user-friendly control and monitoring.

### High level of flexibility and straightforward control and monitoring thanks to Synco™ 700

The hotel has been equipped with the Synco 700 HVAC control system from Siemens. Thanks to the central communication unit OZW771, the Synco system can be controlled directly from the reception or via a laptop from the hotel office. Ease of operation is ensured by the ACS service and operating software. This software supports not only straightforward and quick commissioning, but also delivers plant diagrams with current plant data, trend recordings, and alarm handling.

This means that setpoints can be changed conveniently from the office, for instance, or time programs can be adapted.

### Demand-related HVAC control

Time programs that can be easily matched to current room occupancy levels are of particular importance in the case of seminar and hotel rooms. HVAC control adjustable to specific requirements ensures efficient energy usage by avoiding unnecessary heating or cooling operation. This also reduces energy costs and even improves the room comfort.

### One system for all kinds of requirements

The various buildings of the hotel now use one common HVAC system which is easy to operate and which can be controlled and monitored from a central location while making optimum use of energy. Also, the plant can be easily extended any time – an important aspect for the future development of the hotel.

### Highlights

- More flexibility and better overview thanks to central control and monitoring
- Quick commissioning and ease of operation with ACS service and operating software
- Time programs for demand-related HVAC control and efficient usage of energy
- Only one system to control all buildings
- High flexibility and simple extension in the future