



PROJECT AT A GLANCE

Project Type:

Airport Hotel

Location:

Stockholm, Sweden

Hilton Slussen

Located on the island of Södermalm in the heart of Stockholm, Hilton Slussen was the perfect choice for rebranding by the world famous Hilton Hotels. The move would guarantee greater prestige, more exclusivity and higher occupancy rates. But before this could happen, the building's owner needed to address and correct a number of HVAC problems that might jeopardize the proposed venture. TAC's involvement in the project was vital.

Hilton Slussen is a part of the Swedish Scandic hotel chain. The building it occupies is owned and administrated by Pandox, a market-listed hotel property company. In 2001, Scandic was acquired by the world famous Hilton chain, which wanted to rebrand some of Scandic's hotels. In order to carry the famous Hilton name, a hotel must demonstrate conclusively that it can offer guests the very highest standards of comfort and quality. At Hilton Slussen, the picture looked bleak.

Staff members were receiving regular complaints from guests and conference delegates about unsatisfactory indoor climate and difficulty in sleeping due to noisy room ventilation. Scandic, the building's tenant, was also voicing unease about rising energy costs. A team of TAC specialists began a problem inventory together with Scandic, Pandox and an external consultant hired by Pandox, which resulted in Hotel Slussen successfully claiming its Hilton title.

THE CHALLENGE

A large part of the hotel's ventilation system had been turned off due to lack of maintenance. On warm days staff members were forced to hand out electric fans to pacify complaining guests. This often resulted in electrical fuses overloading, causing blackouts. The hotel then wasted valuable time trying to locate and replace blown fuses. Incorrect air temperature values meant that fan-coil units in guest rooms were rapidly switching on and off in a desperate attempt to stabilize indoor

CUSTOMER BENEFITS

- Projected energy savings of at least 450.000SEK per year
- Central, real-time monitoring of various indoor facilities
- Integration with hotel's booking system could enable energy savings from unoccupied rooms upon complete installation
- Ability for guests to control individual room climate, thereby reducing number of climate-related complaints

Hilton Slussen

climate. This produced unacceptable noise levels for occupants and higher energy consumption for the hotel.

THE SOLUTION

Hilton Slussen's facilities include 289 air-conditioned rooms, 17 meeting rooms,



an auditorium with 287 fixed seats, and four restaurants and bars. With so many different indoor environments, the hotel required a TAC Vista™ system incorporating LONWORKS®-based devices to centrally supervise and control individual zone fan-coils in all rooms and public areas.

The placement of TAC Xenta™ units in every room allows guests to set their desired indoor climate and fan speed. Hotel staff regulate all functions from a TAC Vista Workstation that records and presents real-time information in clearly understood graphics for easy troubleshooting and management decisions. Overall system functionality has been increased further with the integration of the hotel's Fidelio booking system, which will be able to monitor room occupancy and adjust controls accordingly once installation has been completed.

THE BOTTOM LINE

Since opening its doors as the new Hilton Slussen, climate-related guest complaints have virtually been eliminated. In addition, thanks to more efficient performance of fancoil applications, the hotel is projecting a minimum

annual energy savings of approximately 450.000SEK.

HOTEL PROFILE

Hotels are complex facilities requiring building controls and security solutions that accommodate a wide range of needs and fluctuations in occupancy. Reception areas, restaurants, conference rooms, offices and fitness centers all have different indoor climate and security requirements while each guest remains unique in personal choice of room temperature.

As the leader in Open Systems for Building IT®, TAC provides solutions that ensure reliable building system control and operational efficiency, allowing hotel facility owners and operators to concentrate on their top priority – providing the highest value for guests.

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