CASE STUDY

HOTEL ANDAZ, MUNICH:
CONVENIENCE FOR GUESTS AND OPERATOR

Salvia Elektrotechnik GmbH is installing a high-performance future-proof 10 gigabit network from Datwyler in the Hotel ANdAZ, under construction in Munich's Schwabinger Tor.

Nowadays technical development and new user habits make much greater demands on hotels than was the case 10 or 15 years ago. Clients and operators have responded to this. For a long time now modern technologies and infrastructure concepts have been available as standard in many hotels. Today the IT infrastructure in new buildings is generally designed to meet the desire of hotel guests for more convenience and to permit economical long-term operation of the property. Thus, for example, it helps to provide high-quality communication and entertainment offerings, while at the same time optimising administration and improving monitoring and control by integrating all the technical building functions and facilities.

Such a solution is currently being installed in the Hotel ANdAZ Munich Schwabinger Tor. On completion in early 2019 the ANdAZ will have 234 rooms and 43 suites. For its guests it provides 2,000 square metres of conference facilities, a ballroom, pool and roof terrace, a large fitness and wellness area as well as a restaurant, cafe, coffee shop and several bars. The client is the Jost Hurler Group, the Hyatt Hotel Group will operate the complex as a leaseholder.

The IT infrastructure will conform to the "Hyatt Standard". It features high-performance data cabling able to transmit up to 10 gigabits per second..

Complete solution from Datwyler
The entire high- and low-voltage infrastructure in the ANdAZ will be installed by Salvia Elektrotechnik GmbH. The Salvia team is setting up the complete data network with a 10 gigabit Datwyler solution. The system solution in the data centre is based on fibre optic technology. OM3 fibre optic cables are being used to connect the data centre with the 14 plant rooms on the floors.

The network on the floors consists of just under 100 kilometres of Category 7 copper data cable and shielded Cat.6$_A$ connection technology, including 6,000 modules and 100 patch panels.
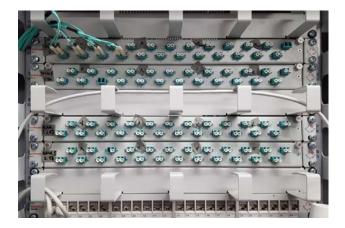
In the rooms each data cable is connected, among other things, to a mini switch which provides the guests with highresolution television and fast WLAN.

Many facilities have been incorporated
"The video system in the hotel is operated separately. But we have incorporated many other facilities into the data network, for example media technology, access control, lighting and air conditioning," explained Uwe Herberg, the project manager responsible at Salvia Elektrotechnik.

This enables the operator to use one and the same infrastructure for monitoring, control, adjustment and optimisation tasks. What is more, such a high-performance IT infrastructure solution means that the operator is also prepared for the technical challenges of the future.

Part of the safety cable system was also equipped by Salvia with Datwyler's functional integrity cables, connection boxes and clamps.

Positive experience

"My personal experience with Datwyler has been nothing but good," reported Uwe Herberg. "This is especially true of delivery reliability, which is very important in a demanding major project like this."

Some distribution panels in the ANdAZ building have now been put into service by Herberg's team. The remainder will follow by the end of the year. "So far everything has worked well," says the project manager. He is not anticipating any surprises during final acceptance by the leaseholder.

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