

## CASE STUDY

# 6,700 DATA CONNECTIONS IN JUST UNDER 4 MONTHS

Thanks to the good input from Datwyler, Melcom AG was able to complete the extensive structured cabling in Zurich's Ambassador House in next to no time.

Zürich Nord is already considered to be a new district in the Swiss Metropolitan Region. Numerous construction projects have been completed here in the past few years, and many more are at the planning stage.

One of these is Ambassador House in Thurgauerstrasse. Its complete renovation, which began in August 2015, will give rise to one of the biggest and most modern commercial buildings in Switzerland. The building, 160 metres long and extending over seven upper floors and five basement floors, will occupy around 45,000 square metres of floor space and accommodate a workforce of up to 3,000. Its tenants will enjoy not only impressive architecture, but also a top-quality infrastructure.

The high-performance communications cabling provided by Datwyler Cabling Solutions forms part of the construction project. Between October 2016 and January 2017 it was installed in the building by Melcom AG, an electrical and IT specialist headquartered in Wallisellen.

In future the new cabling system in Ambassador House will not only be used for voice and data transmission – it will also be employed to monitor and control the building technology, the blinds and lighting in the corridors and rooms, for example.

### Complete system from Datwyler

The system solution, which allows high-speed transmission of up to 10 gigabits per second, comprises 6,700 data links. To achieve this the technicians installed around 300 kilometres of type CU 7002 4P Category 7 data cable, terminating in 13,000 Category 6A RJ45 keystone modules. Altogether 3,250 FLF data outlets are available to the tenants on the premises.



The complete solution supplied by Datwyler also includes 50 network racks, 34 of which are used for workstation cabling, a server rack, 270 19-inch patch panels with 24 ports each, as well as many management panels and other system accessories.

### On-site support

Thanks to expert support from Datwyler, the Melcom team was able to complete all the workstation cabling in only just under four months.

Stephan Breitenstein, Project Leader at Melcom AG, is extremely happy with the working relationship. "Not only did the Datwyler solution give us the best price-performance ratio. Datwyler was also able to deliver the large quantities of material in the short time available to us, and gave us great on-site support."

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