

## CASE STUDY

# DATWYLER SOLUTIONS AMONG “HIGH FLYERS” AT FRANKFURT AIRPORT

For decades, Network and Safety system solutions from Datwyler have been used at Frankfurt Airport. For numerous of the latest new building and expansion work, Datwyler is once again supplying the installation companies on site with cables, components and services from its European distribution centre near Frankfurt.

Frankfurt Airport is one of the largest hub airports in Europe, with roughly 500,000 flights and 50 million passengers annually. Airport operator Fraport AG is constantly expanding capacity in order to accommodate the annual increase in passengers while ensuring the current and future competitiveness of Frankfurt Airport. Furthermore, there are many construction projects from other developers like Lufthansa, Deutsche Bahn and several logistic companies and hotels.

Because of their quality and outstanding price/performance ratio, system solutions from Datwyler have always stood up to competing offers in many construction projects.

### High-performance data networks

For example, Terminal 2 was equipped with a top-quality, application-neutral cabling solution using copper and fibre optic cabling, including the Modular Solution and FO cables with mono and multimode fibres in OM3 quality. High-speed data networks from Datwyler can also be found in the connecting corridor between departure lounges C and D (here PVP-tested systems), in the cargo hall for the A310, in the Airport Hotel and, most recently, in several car parks. The applications range from office communications and connections for counter, display and card-reading devices to access control and the traffic management system.

### Assignments in Fire Prevention Technology

At Frankfurt Airport, modern safety systems and professional fire prevention are a necessity. To ensure that all electrical equipment will function reliably in the event of a fire, many safety cable installations are provided by Datwyler. These include halogen-free ceramic insulated cables with extended functional integrity, as well as certified connection, support, and mounting components. After the re-cabling of the A380 maintenance hangar, Datwyler is currently providing the installation companies on site with systems for Hall C in Terminal 1, the fire prevention enhancement projects in Terminal 2, the connection between these terminals, the expansion

of various car parks and the new Gateway Gardens neighborhood. These assignments include training and consulting services provided to the installation companies.

When using Datwyler's safety cabling solutions, the firms benefit from the many additional installation and laying opportunities, proven through test certificates which go far beyond the classical laying techniques of DIN 4102-12, complying with all demands of modern construction whilst also saving time and money.

### On-site distribution

It is, of course, a huge advantage in all projects that the installation companies can call on the nearby distribution centre belonging to Datwyler, which is one of the largest cable and components stores in Europe. This means that even large quantities of materials are always available and can be delivered on time, and that Datwyler service teams can respond quickly if there is an additional requirement or advice is needed on the spot at short notice.

(February 2008)

