

## CASE STUDY

# DATWYLER SOLUTION FOR SHANGHAI-HONGQIAO AIRPORT

Indoor and outdoor fibre optic solutions from Datwyler are being used in the renovation of historic Terminal 1.

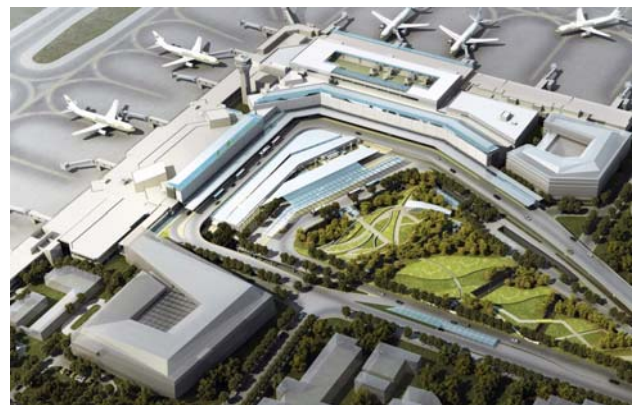
Shanghai-Hongqiao Airport, constructed as a military airfield in 1907, is the oldest airport in the People's Republic of China. From the early 1920's it was also used for civilian traffic and has since been extended several times. With the building of Terminal 2 and a second take-off and landing runway its capacity has increased to 40 million passengers annually, a quarter of which were accounted for by the old Terminal 1 at the last count.

### High level of technology and service quality

The renovation and redevelopment project for Terminal 1, scheduled to run for three years, began at the end of 2014. It is designed to bring technology and service quality to the same high level as that in the new Terminal 2. The renovation of terminal buildings 1 and 2 is the first and at the same time the central construction project of the "East Area Comprehensive Transformation" project. In parallel, Phase 1 of this project also includes designing or extending six roads.

The "East China Architectural Design & Research Institute" is responsible for the redevelopment. It also includes a new data network which comprises 18,000 data ports and over 120 kilometres of fibre optic cable. Datwyler (Suzhou) Cabling Solutions Co. Ltd. was awarded the contract for the cabling system.

Among different items Datwyler supplied for the project FO Indoor OM4 multimode cables, metal-reinforced FO



Outdoor OS2 single-mode cables and Category 6 copper data cables with LSOH (Low Smoke Zero Halogen) sheaths.

### Cabling solutions for both Shanghai airports

This project means that both Shanghai airports – Hongqiao and Pudong – now rely on Datwyler cabling solutions. The new satellite office block at Shanghai-Pudong Airport, the largest airport building in the whole world, is currently being cabled with a Datwyler solution.

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