

CASE STUDY

GENERIC CABLING SYSTEM FOR NEW MAJOR AIRPORT KUNMING

In Kunming, the capital city of the Chinese province of Yunnan, the country's fourth largest hub airport is under construction. High-quality copper and fibre optic cabling solutions by Datwyler are being deployed in the huge terminal and in twelve further buildings.



The construction of the new international Kunming Airport, with a total investment of 23.4 billion Renminbi (2.7 billion Euros), has been progressing rapidly. The 548,000 square metres terminal building will become the largest detached terminal building worldwide. It will be completed by June 2011, and the airport is expected to be operational by the end of 2011.

Important regional hub airport

With its new airport, the city of Kunming will gain an important regional hub airport and an international gateway for South and South-East Asia. It is planned that by 2020 it will have a throughput of 38 million passengers and almost 1 mil-

lion tons of cargo, rising to 65 million passengers and 2.3 million tons of cargo by 2040. In the long term, the airport will have four runways and 166 gate positions, making it the fourth largest hub airport in the PRC.

High-quality products, comprehensive services

To facilitate the high passenger throughput and smooth operation of the airport, the terminal building and twelve further buildings will be equipped with a high-performance, future-proof generic cabling solution. The proven system solutions of Datwyler were selected after a multi-stage selection process based on high quality standards.

The Datwyler solutions comprise twisted-pair data cables and patch cords with Category 6 modules, 10-Gigabit multimode fibre optic cables and zero-water-peak single-mode fibre optic cables, as well as all the faceplates and patch panels associated with these copper and fibre optic solutions.

The reason why Datwyler won the contract for the largest cabling project in China in 2009 is not only the company's wealth of experience with similar airport projects and its exquisite workmanship. Another decisive factor was that Datwyler can offer complete solutions, including technical support and comprehensive services such as consulting, certified installation training and solutions for tailor-made system designs – all this from one source.

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