

CASE STUDY

READY-MADE LIFT CABLING SYSTEMS FOR THE ICC IN HONG KONG

Over the next few years, all the Schindler lifts in the “International Commerce Centre” will be equipped with cabling systems from Datwyler. Close computerised networking with the customer allows for efficient assembly and logistics services.

When it is completed in 2010, the 490 metre tall “International Commerce Centre” (ICC) in Hong Kong will be – measured in terms of its 118 usable storeys – the third highest building in the world. Over the next three years, the lift manufacturer Schindler is to supply 83 lifts and 41 escalators.

There is something special about the 59 high-performance “Schindler 700” lifts: 40 of them will have double-decker cabins for the first time, 18 will be high-speed lifts and one a goods lift.

This means that the specifications for the travelling cables that are used, and the whole cabling system for the lifts – supplied by Datwyler from Altdorf (Switzerland) and Suzhou (China) – are particularly demanding.

International assembly and logistics partner

Thanks to Datwyler’s Harnessing teams in Altdorf and Suzhou, Datwyler can draw on extensive expertise in cable assembly built up over decades. Close computerised networking with Schindler means that Datwyler can provide assembly and logistics services that are outstandingly efficient, high-quality and punctual.

The ICC is to be constructed in three stages, each of which will be occupied immediately. Since the first stage, up to 200 metres, was finished last year, the office tenants were able to move in by the end of 2007.

Schindler’s ambitious scheduling set and still sets the pace for Datwyler. Because of the shortage of space on the ICC’s construction site, it is essential that deliveries are made on exactly the correct day. This calls for a well-oiled, fully-functioning process and logistics system.

B2B based process and logistics system

The engineering for the lift cabling systems is being carried out by Schindler Ebi Works. Because the order data that is ge-

nerated can be transferred directly from computer to computer (EDI-based order entry via the Internet), service packages in batch size 1 and in full compliance with the specifications can be guaranteed.

The cutting orders go from the engineering centre via the EDP network to the modern cable cutting centre. This offers all the necessary processing and printing options for over 250 different types of cable.

The finished products undergo 100 per cent final testing, and are then assembled in order-specific batches and entered directly into the SAP warehouse management system at Schindler Ebi Works. They are delivered on demand and “just in time”.

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