

## CASE STUDY

# HIGH-PERFORMANCE DATA NETWORK FOR NEW CHINA RESOURCES HEADQUARTERS

Datwyler supplied the structured cabling system for the 400 metre-high “Bamboo Shoot” in Shenzhen Bay.



On 18th December 2018 China celebrated the 40th anniversary of the reform and opening-up of the country. In the same year the Chinese conglomerate China Resources (Holdings) Co., Ltd. (CRC) turned 80. Through its subsidiaries the Group is involved in, among other things, logistics, property, brewing, food, the retail sector, engineering, petrochemicals, construction, energy and microelectronics, the property business being the Group’s flagship.

The group subsidiary China Resources Land Ltd. has been active in urban development for more than 20 years, responsible for example for the development of the 2.26 square kilometre district of Houhai in the city of Shenzhen. The “Shenzhen Bay” complex, completed in 2018 after a ten-year construction period, is its most recent masterpiece. Some of the buildings included in the complex are the new headquarters of the China Resources Group, the China Resources Finance building, a high-rise hotel and apartment block, the six-storey “MixC” shopping centre, the head office of the China Resources Vanguard supermarket chain, the “Spring Cocoon” Sports Centre plus an arts centre and a cultural centre.

### 66-storey high-rise block

The head office of the China Resources Group – an office tower 400 metres high – has now been completed. The highest building in Shenzhen Bay, it was designed by New York architects KPF Kohn Pedersen Fox Associates. Externally the tower is modelled on a bamboo shoot, symbolising the vigorous fighting spirit of our time. For China Resources Land the construction of this 66-storey high-rise block with a usable space of just under 270,000 square metres represents a milestone in office block construction.

### Structured cabling from Datwyler

The data network in the “Bamboo Shoot”, the central building in the complex, was installed using a high-performance structured cabling solution from Datwyler. On the floors this comprises Category 6<sub>A</sub> cables among others. Low-smoke, halogen-free OM4 fibre optic cables ensure fast transmission in the backbone.

In this project a total of approximately 5000 Cat.6<sub>A</sub> data connection points were installed and around ten kilometres of fibre optic cable were laid.

