

CASE STUDY

AVENUE SOUTH RESIDENCE, SINGAPORE

AIMING HIGH: TRAVELLING CABLES FOR LUXURY RESIDENTIAL TOWER BLOCKS

Datwyler is supplying the high-rise travelling cables for the 56-floor towers of the Avenue South Residence – and is thus contributing to the reliability of the lifts.

The Avenue South Residence is a new luxury residential project in Singapore. It basically comprises two 56-floor towers with 1074 residential units together with retail premises on the ground floors.

The new building project, developed by the UOL Group Limited together with partners, is located in a central position right beside the central business quarter and the future Greater Southern Waterfront district. It offers residents not only a magnificent view over Singapore's new waterside promenade and skyline, but also high-altitude natural surroundings thanks to its 18 "Sky Gardens".

What is more, both residential tower blocks set new standards as the world's highest construction project in prefabricated prefinished volumetric construction (PPVC). In this method all the rooms are delivered to the building site as ready-made modules including fixtures and fittings, and there they are assembled into complete towers.

Project-specific cables

Under contract from Schindler Datwyler IT Infra will supply around four kilometres of project-specific flat multimedia-compatible high-rise travelling cables during the course of 2022 to construct the lifts.



The installation of the lifts with "Schindler R.I.S.E." – an acronym for "Robotic Installation System for Elevators" – is the first time this innovative method is being used in the Asia-Pacific region. It involves a self-climbing robotic system carrying out the installation and assembly work in the lift shaft.

Datwyler is making a major contribution to the efficiency and reliability of the lifts in the Avenue South Residence with its premium quality, pre-assembled lift cables, which have all the relevant certificates. The prestigious project is scheduled for completion in 2023.

(June 2022)