

CASE STUDY

OBHUR CITY, JEDDAH: INTELLIGENT CAMPUS NETWORK

Residential building project in Saudi Arabia uses IT infrastructure solutions from Datwyler.

The residential district of Obhur City, taking shape on an area of over 2.5 square kilometres in the north of the port of Jeddah, is one of the largest urban residential building projects in Saudi Arabia. It includes thousands of apartments and villas in addition to areas for trade and retail and leisure facilities.

The complex was developed by Raza, the Property Investment and Management Company of the Saudi Public Pension Agency, and is designed for mixed use with the intention of raising the communal life of the residents to a new level.

Together with its local solution partner CounterPoint for Telecom and IT (CPTIT), Datwyler was awarded the contract to provide a reliable high-performance network infrastructure. This was to enable the residents to access troublefree triple play – the transmission of speech, video and data.

In order to host these services the neighbourhood needed its own data centre to house not only the servers, switches and routers, but also provide the requisite cyber security.



Both companies worked closely with Raza's technical team and assisted it in designing the IT infrastructure required for the project. They also ensured that both the budget and the specified schedules were adhered to.

Comprehensive IT infrastructure solution

Datwyler and CPTIT jointly set up and implemented the project. This resulted in a customised, cost-effective turnkey solution. Its core is a Smart Modular Data Centre comprising eight IT racks and containing all the subsystems – from cabling through UPS, power module and cooling to access control, fire suppression and monitoring software.

Added to this there is the outdoor (OSP) and indoor (ISP) fibre optic cabling, including the construction and installation work, the procurement of a generator and establishment of the necessary power supply.

CPTIT has once again proved itself to be one of the most trusted partners in Datwyler's "ecosystem" in Saudi Arabia. Thanks to the solution partner's exceptionally good work, the turnkey project was successfully completed and handed over in September 2021.

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