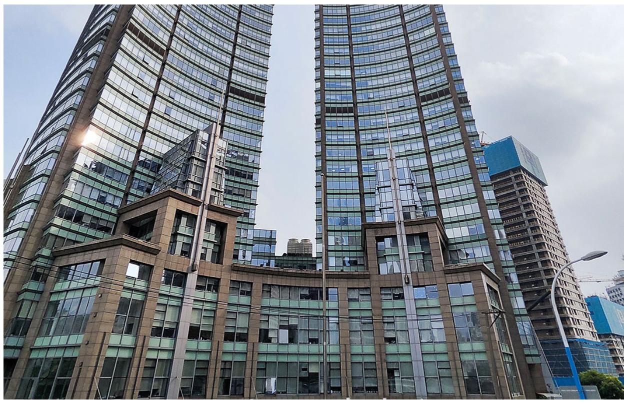
CASE STUDY

ORIENT SECURITIES CO., LTD., SHANGHAI:

TAILOR-MADE DATA CENTRE SOLUTIONS

In Datwyler the Orient Securities Group has found a long-term partner to modernise its central data centre.

Orient Securities Co., Ltd. is a leading Chinese investment bank and brokerage firm headquartered in Shanghai. It employs more than 8,000 people and has 179 branches in 89 cities across the country. The company provides one-stop comprehensive financial services, including investment banking, securities, futures and derivatives trading, securities analysis, asset management, investment advisory and equity investments. Orient Securities is listed on the Shanghai and Hong Kong stock exchanges and manages total assets of more than 360 billion renminbi (47.6 billion euros).



The company's most important values include customer focus, professional services and innovation. In order to be able to fulfil this requirement in the digital age, a modern IT infrastructure is a must.

Need for modernisation

For many years Orient Securities has operated a central data centre at its headquarters for all of the group's data and voice communications. But the existing infrastructure no longer offered enough bandwidth, it could not be upgraded and further developed, and the installed equipment from various manufacturers made interoperability highly complex. There was a lack of a uniform monitoring and management platform. In addition, it became increasingly difficult to find suitable personnel to maintain such a complex system. That's why the group decided to modernise the data centre – with an IT infrastructure solution from Datwyler.

Good planning, quick implementation

During the design phase Datwyler worked closely with those responsible at Orient Securities, for example on the positioning of the racks, the welding work for the channels and the lines required for cooling and air conditioning.

This forward planning significantly sped up the entire project. The installation and commissioning of the equipment on site was completed within a week.

The new data centre consists of two rows of racks with cold aisle containment. Datwyler adapted it perfectly to

the structural conditions (columns) in order to make optimal use of the available space.

The software that Datwyler developed for Orient Securities is also customer-specific. It integrates all the equipment in the data centre. All information and data can be managed across platforms, including access control, IP cameras and existing third-party power distribution systems.

Presenting all of this data on a central platform enables real-time monitoring and ensures reliable system operation.

Long-term partnership

To address the maintenance issues, Orient Securities utilised Datwyler's after-sales services. The prerequisite for this was the trust that the Datwyler team was able to build through its professional technical services and software development and customisation.

This is how a long-term partnership was created. It is also a solid basis for future MAC (Moves, Adds and Changes) projects from Orient Securities.

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