

## CASE STUDY

# BANK OF NANJING, SUZHOU: PERFECTLY MANAGED

The Bank of Nanjing installed a structured cabling solution and a modular data centre from Datwyler in its branch in Suzhou. The entire infrastructure is monitored and managed with CABNAVI.

Founded in 1996, Bank of Nanjing has been a listed company since 2007, with shares held by the state, Chinese and foreign shareholders and various individuals.

Not only is it one of the country's leading banks, it is also listed in the "Top 1000 World Banks" and in the "Banking 500" index of the British financial magazine The Banker. Today the Bank of Nanjing has a nationwide presence in China, including Beijing, Hangzhou and Shanghai, with its 17 branches, which are primarily active in SME financing and retail business.

After a visit to the Datwyler factory four years ago, which included thorough product sampling and testing, the bank had Datwyler intelligent structured cabling installed in its Changzhou branch in 2019.

Due to the positive experience, the bank turned to Datwyler again in 2021 for advice on the planning and product selection of an IT infrastructure solution for a new office building in Suzhou.

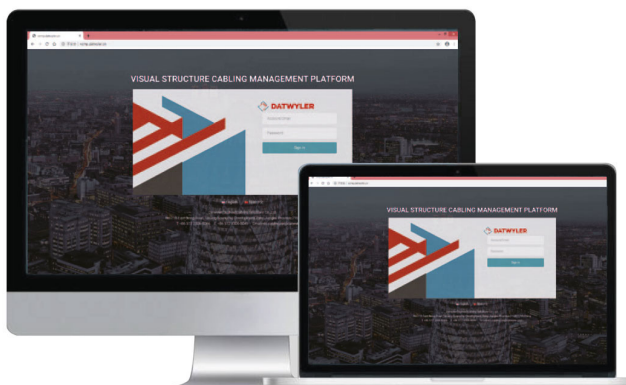


### Complete IT infrastructure at a glance

In August 2022, Datwyler received the order for the delivery of the required material from the local system integrator. In addition to a modular data centre solution and the complete structured cabling,

Datwyler supplied six different types of IoT Intelligent Patch Panels offered in China – including panels for copper and fibre product selection of an IT infrastructure solution for a new office building in Suzhou.

The combination of these electronic patch panels with the VCMP solution (Visual Cabling Management Platform) enables the bank to intelligently manage the building-wide cabling infrastructure and all devices connected to it. With this solution the objects in the structured cabling, including all object information, can be displayed and managed in two-dimensional scenes. In addition, there is the management and planning of the installed links, the administration of work orders and the management of the panels themselves. The system also



offers a 2D material library and an interface for data exchange – for example with the switches and ports as well as for batch imports and database access.

### **Real-time monitoring and surveillance**

The modular data centre solution in the central technical room of the branch includes 14 racks with the required PDUs, as well as cold aisle containment and systems for access control and monitoring of the environmental conditions. All changes in the cold aisle can be monitored in real time using cameras and light as well as smoke and

water sensors. The solution also includes a real-time display of the operating conditions of the installed equipment and a system that notifies the administrators of any malfunctions in good time through light and SMS alarms.

Installation work began on 15 October 2022 and was completed within six weeks. Until the handover at the end of November, Datwyler supported the system integrator's work with its own on-site team.

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