

CASE STUDY

MUBEA AUTOMOTIVE COMPONENTS, SHENYANG: INTEGRATED IT INFRASTRUCTURE SOLUTION FROM A SINGLE SOURCE

In only one week Datwyler implemented a reliable and cost-efficient Mini Data Centre solution on the Mubea site in China – including a cable management software platform.

New generation data centres are designed to manage digital transformation, enable intelligent upgrades, reflect innovation and cope with the requirements of 5G, Industrial Internet applications, Cloud Computing and Artificial Intelligence. These new data centres are secure, reliable infrastructures based on multiple data sources, enabling efficient data processing and equipped with environmentally friendly low-carbon technologies. They typically feature the use of cutting edge technology, high-performance computers, exceptional energy efficiency and a high level of security.

The development of information technology and the rapid increase in data have accelerated the change from traditional data centres to this new type.

Hardware, software and services

As a provider of end-to-end IT infrastructures Datwyler IT Infra has in the past years invested increasingly in the development of products and services for new generation data centres. Datwyler has thus produced innovative solutions for use in Micro Data Centres (MDCs) and modular Mini Data Centres which can be seamlessly integrated into a company's existing structured cabling systems.

In China, moreover, Datwyler provides a unique digital service platform and a simple-to-operate intuitive and efficient platform for the visualisation and management of cabling systems, which meaningfully complement the range of IT infrastructure solutions.



It goes without saying that Datwyler's integrated solutions meet the highest quality standards and are tailored to a customer's specific need and requirements.

Operational within one week

A good example of the successful implementation of such a solution is the modernisation project at Mubea Automotive Components in Shenyang. Since 2013 the globally active lightweight design specialist has been manufacturing components for the automotive industry on a production area of 7000 square metres at the Chinese site.

In mid October 2021, after several rounds of discussion which served to determine need and specification, Mubea awarded Datwyler IT Infra the contract to implement an integrated Mini Data Centre solution for the Shenyang site.

This included not only the data centre itself but also, with CABNAVI, an intelligent cable management platform



with graphic visualization, which was combined with an electronic patch panel.

Within one week in December 2021, thanks to the excellent cooperation of Mubea, Datwyler's technical team succeeded in completing the final tests and acceptance of the Mini Data Centre. By contrast with a traditional data centre the Datwyler solution was operational immediately upon acceptance.

In addition to the Mini Data Centre Datwyler IT Infra supplied Mubea with many other products forming part of the integrated IT infrastructure solution: single-mode and OM3 multimode fibre optic cables for indoor and outdoor use, flame-retardant low-smoke, halogen-free shielded copper data cables, including type IOT101-24-BK intelligent copper cables, and shielded keystone patch panels.

Convenient and cost-effective

The decision to purchase the complete IT infrastructure from Datwyler as the single source proved very advantageous for Mubea Automotive Components: today the supplier on the Shenyang site benefits from the excellent reliability of the solution and the improved user convenience.

Mubea also saves a lot of time and money due to the integrated IT support and extended technical services

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