

CASE STUDY

GRUPO JUMEX, S.A. DE C.V., ECATEPEC DE MORELOS: **HIGH-PERFORMANCE DATA NETWORK FOR NEW LOGISTICS CENTRE**

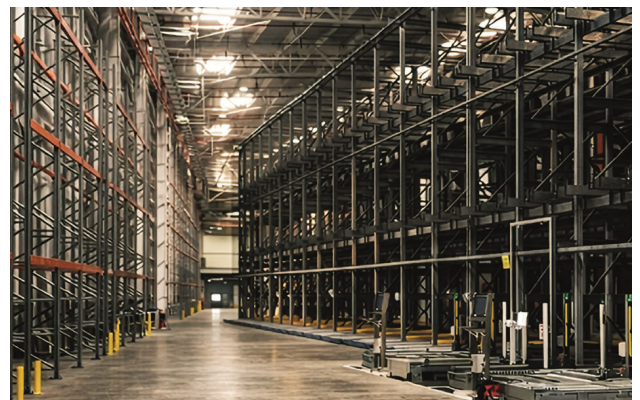
Structured cabling from Datwyler IT Infra provides real time connectivity in Jumex' CMD II in Mexico.

Grupo Jumex Grupo Jumex is one of the world's leading producers of fruit juices, nectars and other drinks with more than 60 years' experience. The company, which is based in Ecatepec de Morelos, has four large factories in Mexico and sells its products in more than 40 countries.

After years of planning, construction and comprehensive testing, in October 2025, Jumex commissioned a new, intelligent logistics centre in Ecatepec – the CMD II. Most of the processes in this facility are fully automated. The CMD II has increased the on-site storage capacity by around 80 percent and allows for a throughput of up to 460 incoming and 337 outgoing pallets per hour.

Robust platform for the critical communication systems

For a modern, intelligent facility like this, a high-performance communication infrastructure was an absolute must. CK Ingeniería – a Premium Partner of Datwyler IT Infra in Mexico – had proposed a robust, scalable, high speed data network that would support a high level of automation and real time connectivity.



A hybrid architecture was installed for the CMD II, combining a cable network with industrial WiFi networks for mobile applications. CK Ingeniería put in over 5,000 metres of fibre optic cable and 20,000 metres of copper cable from Datwyler IT Infra. These were type FO Universal 6- and 12-fibre cables and Category 6A U/FTP cables. Then there were the necessary cable trays and the installation and securing of numerous Wi-Fi access points.

CK Ingeniería was involved in this project from the planning phase to implementation and ensured that the highest quality standards were met in all phases.

Scalable and high-performance

In the new logistics centre Jumex now has a robust platform for the critical communication systems. With its high level of scalability and transmission capacities of up to ten gigabits per second, Datwyler's infrastructure solution is perfectly equipped, not only for existing requirements but also for any future technical challenges.

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