

## CASE STUDY

VETROPACK ITALIA S.R.L.:

# FOR THE GLASS FACTORY OF THE FUTURE

Datwyler installed a mini data centre and communications cabling at a new location in northern Italy on behalf of Vetropack.

The Vetropack Group, headquartered in Switzerland, is one of the leading manufacturers of glass packaging for the food and beverage industry in Europe. Vetropack maintains state-of-the-art production plants as well as sales and distribution offices in ten countries.

Last year Vetropack moved production from Trezzano sul Naviglio in northern Italy to a new, ultra-modern building 25 kilometres away. The new production site in Boffalora sopra Ticino near Milan is intended to offer up to 70 per cent higher production capacity and meet increased quality requirements. The smart technologies in which the glass packaging manufacturer has invested will also enable more flexibility in production. Last but not least, the location is geared towards more resource-efficient and sustainable production.

### Standardised data centre solution

On-site data processing is an absolute must in a smart factory like this. A powerful Datwyler data network and a small, square data centre that the IT managers call the



“cube” ensure fast data communication and processing. It consists of six server and network racks, three of which face each other and which are supplied with the necessary cooling air via a raised floor and a cold aisle. Right next door there is a technical room for the UPS system and the so-called ventilation room.

This mini data centre is a solution made of standardised components such as those Vetropack already operates at other locations in Europe. It is power fail safe (N+1) and UPS backed. The cooling consists of three split air conditioning units, two of which always work in parallel, while the third acts as a backup. The racks are equipped with FO-DCS panels in the upper area and with fibre optic and copper trunk cables. The entire system is monitored with a Datwyler Infrastructure Monitoring System (DIMS).

As a long-standing partner for all European IT infrastructure projects, Datwyler also provided the Vetropack Group with a turnkey solution for this project: from the





IT guideline, the budget and detailed planning to the installation and on-site coordination of partners and suppliers through to handover and commissioning.

### Tailor-made solution

The data centre project started in 2020. It was installed by GTI, a Datwyler certified Solution Partner. Thanks to the modularity of the components used – including solutions from Schäfer and Stulz – it was no problem to put together the mini data centre exactly as Vetropack wanted.

### Smooth implementation

Another advantage was that the responsible project manager from Datwyler speaks fluent Italian. Communication with the planner, the construction manager and the installers on site went smoothly. Small problems could be solved flexibly, quickly and easily in close coordination.

And the documentation of the project – ultimately a team effort – was also mastered optimally.

### On-time, reliable delivery

What played into the hands of those involved on site was that all the logistics worked and the transport to Italy always took place on time. No large storage areas were required and the delivered material could be installed on the day of arrival.

After a Corona-related postponement the data centre was accepted in September of the following year and was able to go into operation immediately – in time for the opening of the plant at the end of 2023.

“Datwyler has been supporting Vetropack for many years in all IT infrastructure matters – from preliminary projects to the finished implementation,” explains Tihomir Vorih, Digital Infrastructure Manager at Vetropack. “For Boffalora we wanted a turnkey data centre solution. Datwyler was once again a good choice. We know what is on offer and have always been satisfied with the data centre projects at our other European locations. Here too, the team worked reliably and quickly. There is also the advantage that the mini data centre is state-of-the-art, meets all of our security requirements and enables cost-effective and uninterrupted migration to future technologies. What more do you want?”

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