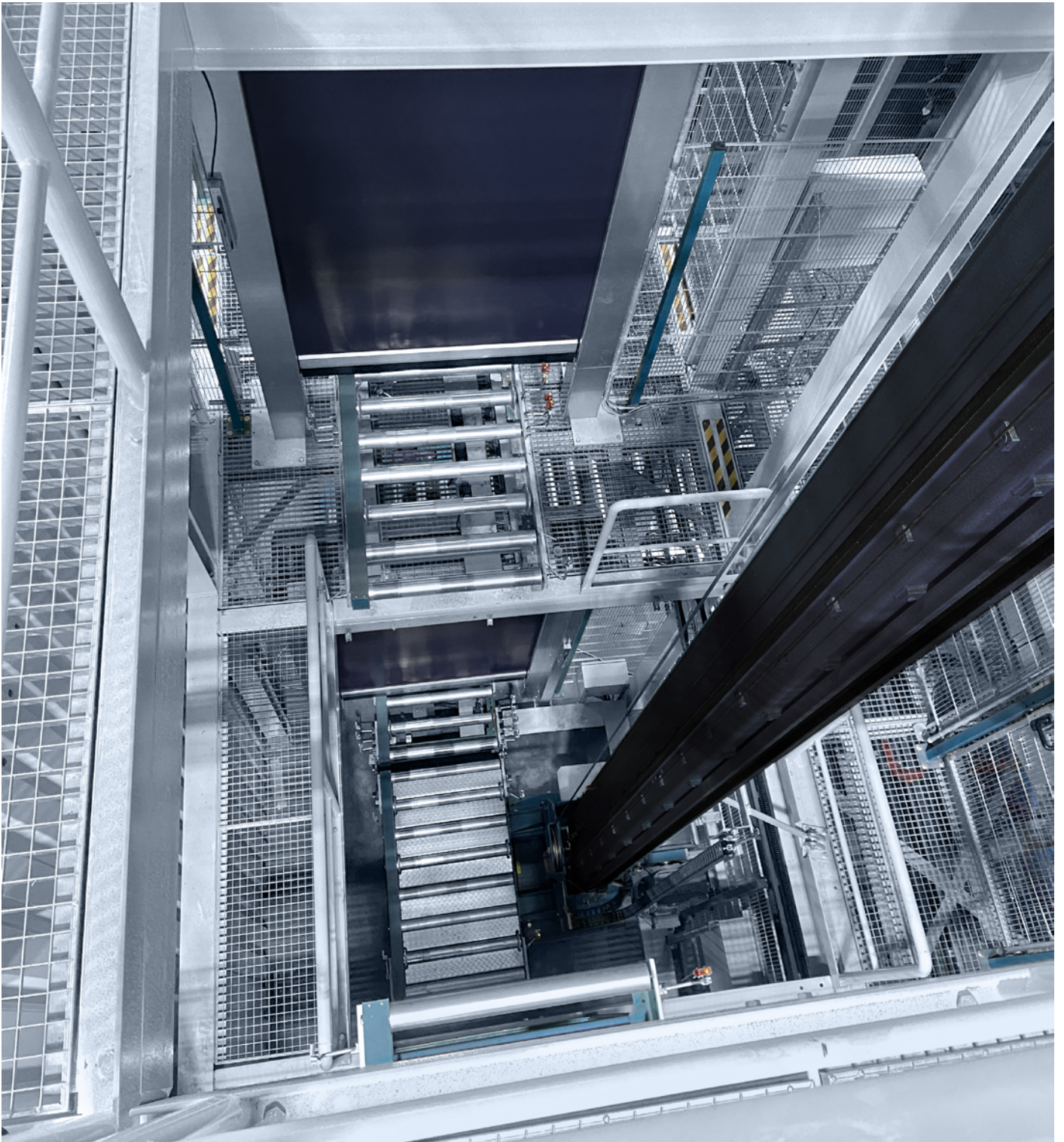


Case Study

Faster Logistics for apetito





Higher performance at the hub facility

Customer and challenge

A core part of apetito's manufacturing and logistics hub in Rheine is the refrigerated warehouse 05 (TK05). For 30 years, this warehouse has been supplying the neighboring manufacturing plant and the IQF center. IQF refers to "Individual Quick Freezing" – a technique for shock-freezing food products. All material flows to the manufacturing plant and the shipping point for the company's menus goes through the TK05 facility. The objective of the refurbishment was to improve material availability, all while being carried out during ongoing operations.

Solution

Kardex Mlog installed 170 new drives and five new vertical conveyors in TK05. The elements were connected to the conveying technology at different levels to create a redundant material flow. The conveying technology was equipped with a new automatic control system, and a new plant visualization system was also installed. The work was carried out almost exclusively during ongoing operations.

The refrigeration specialists apetito and Kardex Mlog have already collaborated on several projects to achieve milestones in refrigeration logistics. A key aspect of this project was the newly created material flow between the refrigerated warehouses TK07 and TK05. The existing conveying technology was modified to transport pallets between TK07 and TK05 in both directions.

Case at a glance

Extensive refurbishment

The catering and food specialist apetito commissioned Kardex Mlog to refurbish its central refrigerated warehouse at its German production and logistics location in Rheine in North Rhine-Westphalia. The project called for 170 new drives and five vertical conveyors, including automatic controls and visualization. The result was increased automation of manual processes and optimization of material flow in the refrigerated warehouse.

Improved
material
availability

Redundant
material flow

Refurbished
during
ongoing
operations



Scope of delivery



5 vertical conveyors



170 drives



Automatic controls and plant visualization