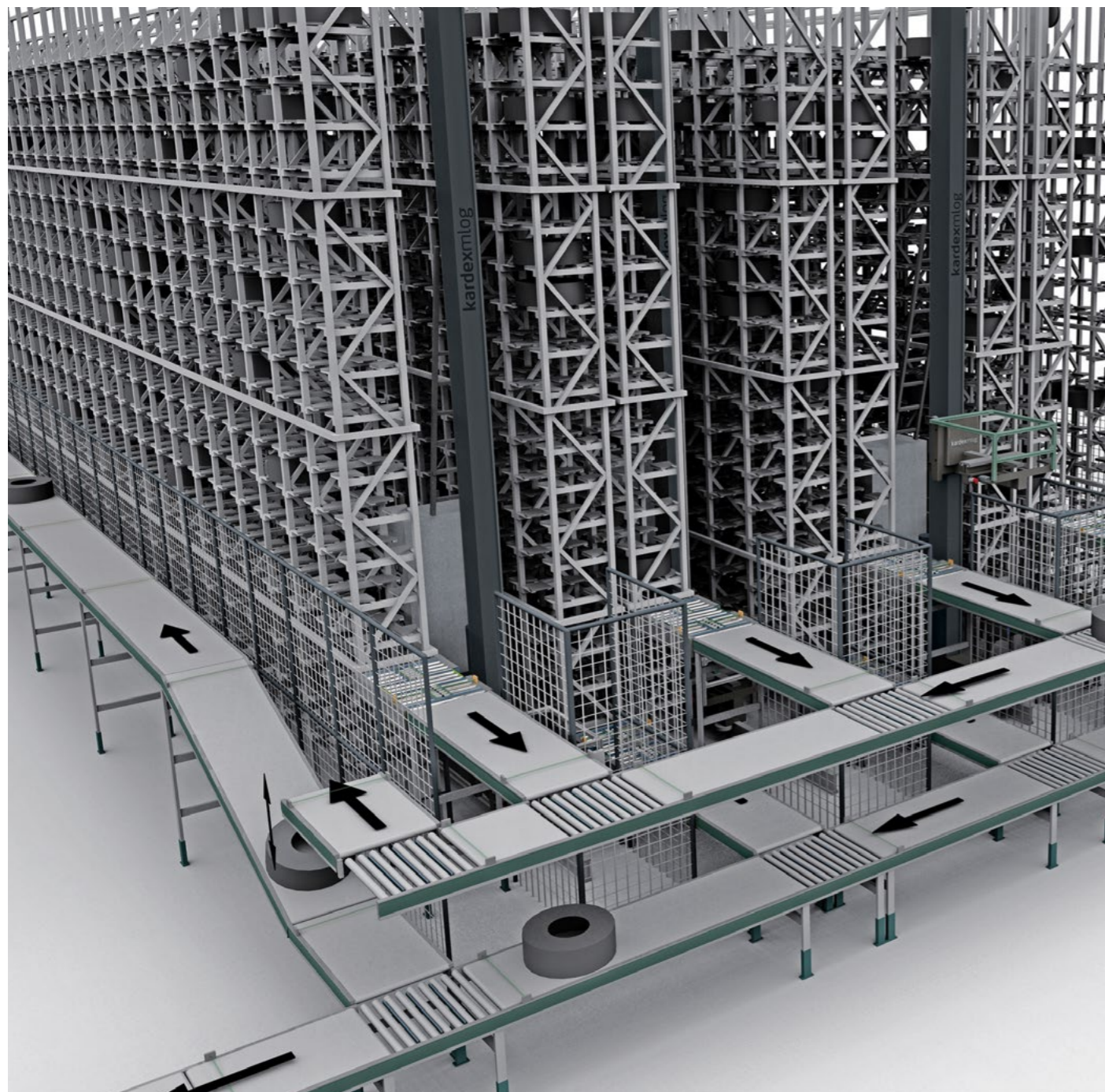


Case Study

With New WMS Up to Date Again





Impressive functionality

Customer and Task

Continental is a world leading tire manufacturer and, just as the company relies on precision and German engineering in its tire development, it attaches the same importance to production and intralogistics.

The storage and retrieval machines from Kardex Mlog play an important role in these processes.

When Continental's logistics centre in the Czech Republic was due for refurbishment in 2019, the analysis drew clear conclusions: The three existing storage and retrieval machines needed to be fitted with state of the art camera and control solutions in order to increase performance.

Solution

The measures implemented included replacement of the warehouse management system with the Mlog Control Center (MCC). Cameras for remote diagnosis were fitted to the storage and retrieval machines and the communication technology was switched to ProfINET.

Control of the system vehicles was fully upgraded to the Mlog system solution with S7-1500. This includes MWMS warehouse management and the material flow module MFlow. Interfaces were created for two existing spray robots supplied by the SAR Elektronik company.

The feedback on conclusion of the refurbishment is overwhelmingly positive: "We have been very impressed with the range of functions available with MCC", says Continental's project leader Burdzin'ski, who is also very satisfied with the implementation of the project. The maintenance agreement with Kardex Mlog and a 24/7 service hotline ensure smooth operation of the plant.

At a glance

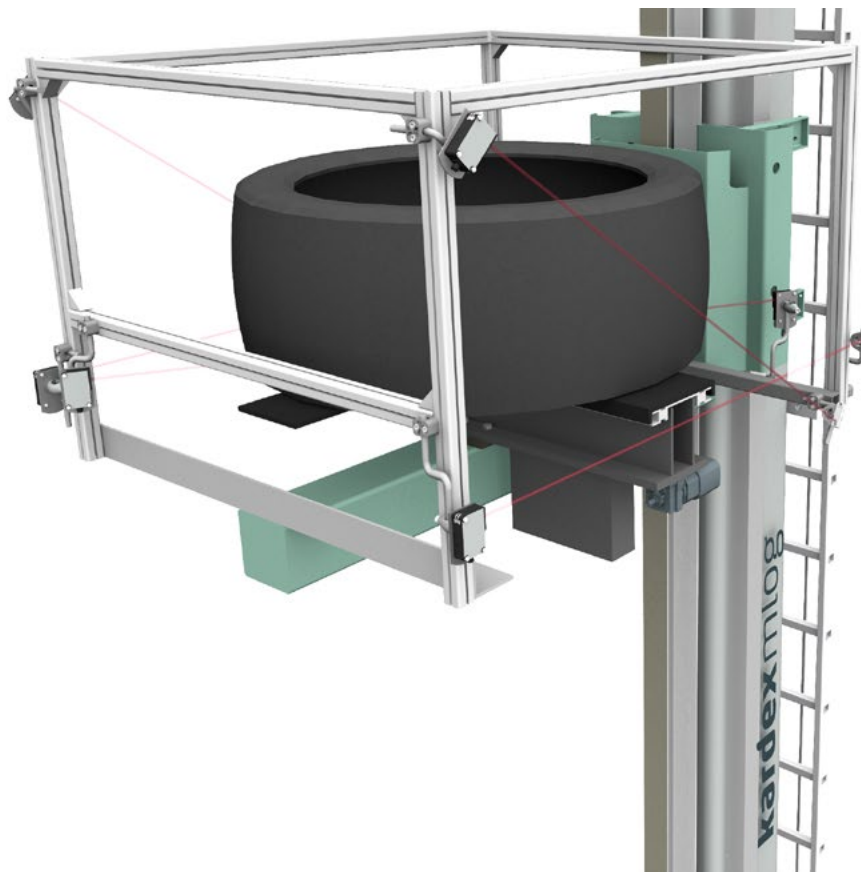
Kardex Mlog refurbishes logistics location in Czech Republic

The automotive supplier Continental commissioned Kardex Mlog with the refurbishment of three storage and retrieval machines and the replacement of its warehouse management system at its location in the Czech Republic. The project, marked twenty years of collaboration. Kardex Mlog is recognized by Continental as an A supplier for automated high-bay warehouses.

**Modern
warehouse
management
system**

**SRMs fitted
with cameras**

**Upgrade to
S7-1500**



Scope of delivery



Fitting of cameras to storage and retrieval machines to enable remote diagnosis



Replacement of warehouse management system with Mlog Control Center (MCC)



Vehicle control accelerated and optimized through Mlog system solution with S7-1500