

UPGRADE YOUR CARRIER



OUR SOLUTION FOR YOUR CARRIER

The VAHLE/CoreTigo system provides continuous and contactless power and data communication to your carriers for real-time control and monitoring of sensors and actuators.

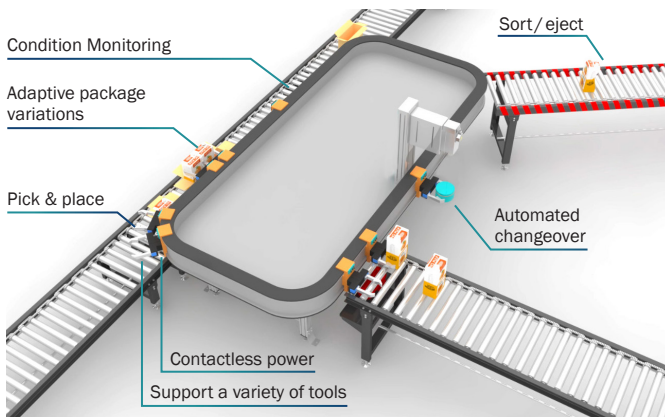
Therefore you can increase the efficiency of your production and packaging machines, speed up format changes and increase throughput.

UPGRADE YOUR CARRIER

Complete ICT Flexibility with Contactless Power and Wireless Communication

Breaking the limits of machine adaptivity. No need to tradeoff between machine capacity and flexibility with the most flexible solution on the market for transport track and conveying systems.

VAHLE's and CoreTigo's solution is enabling enhanced capabilities for linear track systems to further improve operational efficiency and machine design.



Mobile energy transmission by VAHLE

Since there it is not possible to power-up sensors and actuators on the carrier while in motion, typically additional external equipment (such as robots) has to be used in order to grab a product for the subsequent process.

With VAHLE's inductive solution the necessary power is delivered directly to the carrier for this grabbing process.

IO-Link Wireless Communication by CoreTigo

CoreTigo's ultra-reliable IO-Link Wireless solution enables direct communication with sensors and actuators on the carriers. This gives the movers the ability to independently manipulate objects with a variety of tools such as grippers or vacuum pumps.

Changeover and tooling setup time is reduced to a minimum and condition monitoring capabilities are easily added through multiple sensors on each carrier.

Your benefits

- **Increased Capacity**

Perform actions while movers are in constant dynamic motion

- **Mass Customization**

Enable automatic changeover and rapid tooling setup for range of product/package types

- **Footprint & Cost Reduction**

Support multiple designs and materials within a single machine

- **Simplified Maintenance**

Reduce mechanical components and external automation equipment

- **Downtime Reduction**

Condition monitoring and predictive maintenance

Your vision – our system solution

Full solution from VAHLE and CoreTigo that is designed, tested and deployed by world leading machine builders on Rockwell's ICT.

**Rockwell
Automation**

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