



## Customized intralogistics solutions

Automation, software & digital twin for  
material flow and warehouse management





## Increase in throughput rates and punctuality in material provision

Eckelmann FactoryWare® Logistics combines ERP-level software with transportation and warehouse systems. Transport orders are received, optimally coordinated and executed.

All material movements are tracked. Relevant status information is reported back to the ERP-level software. The interfaces to the higher-level ERP system and to the lower-level systems are generic, flexible and configurable.



## Flexible, configurable, expandable – Eckelmann FactoryWare® Logistics

FactoryWare Logistics has tried-and-tested interfaces to a large number of different transport systems such as stationary belt, roller and chain conveyor technology, stacker cranes, driverless mobile transport systems, palletizing robots, lifters/lifts - including control technology for conveyor systems.

### **Transparency and seamless automation: comprehensive and manufacturer-independent**

Warehouse management and material flow control from a single source: FactoryWare Logistics offers the option of visualizing warehouse and production areas with the digital twin function. A graphic 3D representation depicts all system components, warehouse objects and processes in real time. This representation forms the basis for monitoring and operation.

### **Analyze data, increase added value and secure processes**

By connecting machines and systems to the Eckelmann FactoryWare® Analytics software, all data is recorded and made available for evaluation. Whether live operation or historical evaluation: for example, for OEE performance control, fault monitoring or sustainable energy management.

### **Retrofit for the entire production architecture**

As a specialist in software solutions, we specialize in the replacement of basic automation and control retrofits. With the expertise and experience to capture old and new systems in their entirety, Eckelmann engineers offer the necessary programming services from a single source and adapt retrofits individually to the production environment.

## Transparency through digital twin

With the software product Eckelmann FactoryWare® Virtual Replica can be created on the basis of 3D data complex machine models can be dynamized. During the commissioning, but also in the life cycle, machine manufacturers and operators benefit from the digital behavior model.



## About us

Eckelmann is a development partner for individual systems and customer-internal intralogistics processes: With future-oriented solutions and control systems for controlling individual systems or lines via Eckelmann FactoryWare® Solutions: Used over 1000 times worldwide for automated processes - from product creation to shipping. The Wiesbaden-based Eckelmann Group is a full-service provider for industrial automation and digitalization. Eckelmann engineers offer system integration from a single source: consulting, customized hardware and software solutions, turnkey software solutions, turnkey automation systems, lifecycle management and smart service.



**Sites & partnerships – national & international**  
**480 + employees**



## Talk with us.

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