

# EPG<sup>®</sup> ONE<sup>™</sup>

## WAREHOUSE CONTROL SYSTEM (WCS)

The complete solution for controlling your automatic logistics systems



### EPG ONE<sup>™</sup> Warehouse Control System

- ✓ Modernisation and exchange of material flow computers
- ✓ Solution independent of manufacturers and technology
- ✓ Uniform intelligence in one system
- ✓ Installation on a central server
- ✓ Connect to Warehouse Management System (LFS) or any other WMS/host system

### EPG'S MATERIAL FLOW CONTROLLER

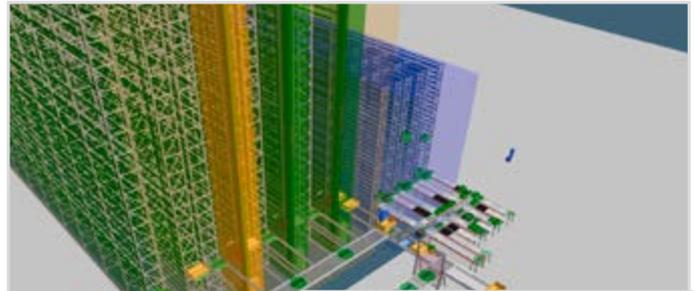
EPG One<sup>™</sup> Warehouse Control System (WCS) is our manufacturer-independent and future-proof solution for material flow control. Especially in times when the degree of automation in warehouse and distribution centres is continuously increasing, intelligent control systems that efficiently control, monitor and analyse automated storage units and conveyor systems are becoming more and more important.

WCS enables comfortable and flexible control and coordination of material flows. The crucial benefit in comparison to standard market solutions: Different trades from different manufacturers can be centrally connected to WCS – regardless of whether one system is located in a logistics centre or several systems at different locations. Are you planning a new connection or modernisation of your automatic systems? WCS can be adapted to your requirements.



## Integrated 3D-Visualization for a view down to the detail level

WCS has an integrated 3D visualisation including zoom function for a detailed view into the warehouse. With the help of the visualisation software we realise a material flow control, which shows the entire material flow and the rack systems in two or three dimensions – depending on your wishes or requirements. You can immediately see whether all system components are functioning perfectly and are informed immediately if this is not the case. This means that quick and flexible troubleshooting is possible at any time. The visualisation is available on every LFS client and can also be accessed from any current browser.



## Virtual Commissioning – with WCS

Are you planning a major automation project? Or perhaps even a new building for your logistics centre? With virtual commissioning, we offer you a solution for minimal risk with maximum efficiency: Using WCS we first map the planned conveyor system in a 3D model that represents the real system 1:1. The emulation then takes place – depending on requirements – at process level, but can also be broken down to details at control level if required. In this way, we guarantee you a perfect start to your real operation and can exclude possible risks such as production losses or system downtimes from the outset. Would you like to simulate an entire working day? We also offer automatic tools for extensive test runs to really tap into the full optimisation potential even before the go-live.

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**In combination with our LFS warehouse management system you get a system for logistics and material flow from one source. The open interface also allows any other WMS/host system to be easily connected.**

### Die Vorteile auf einen Blick:

- ✔ **Independent:** Can be used with any manufacturer and technology and independently of the higherlevel WMS system.
- ✔ **Modernisation:** Know-how in the exchange of material flow computers
- ✔ **Cost efficiency:** Saving of license and hardware costs when using LFS WCS or when using several systems
- ✔ **Intelligence:** Uniform intelligence in one system for all components used in one system
- ✔ **Visualisation & emulation:** Representation in 2D & 3D and virtual commissioning
- ✔ **Managed services:** Cloud-enabled & locationindependent – installation on a central server