

## WAREHOUSE CONTROL SYSTEM

Automate your warehouse the way you want it

Automation is an important part of the modern warehouse, and often necessary to keep up with shorter lead times, pressure to cut costs and keep your business profitable. But successful automation is not just about buying the right equipment. You also need to control and optimize it. In other words, you need a WCS. And you also need to look at the bigger picture, with your WMS and WCS working efficiently together.

Technology keeps getting smarter, faster and more complex every day. That means more things can go wrong ... and that you have less time to get it right again. One way of meeting these challenges is to use a virtual 3D model, a so-called digital twin. A digital twin is defined as a digital replica of a physical object or system, where data is transmitted in real-time to allow the digital twin to exist side by side with the physical entity.

### Astro WCS® – PLUG INTO FULL VENDOR FLEXIBILITY

The highest level of machine control in an automated warehouse is run by a warehouse control system (WCS), such as Astro WCS®. Much like a “traffic cop”, the WCS is responsible for keeping everything running smoothly, maximizing the efficiency of the material handling systems. With Astro WCS® you can reach maximum efficiency in areas such as:

- Connection to automation equipment
- Routing in automated areas
- Orchestrating automated solutions
- Flow control
- Load balancing
- Priority handling within automated areas
- Exception handling

Astro WCS® has a plug-in architecture that integrates with all modern goods handling automation equipment, and has predefined integrations for most. This gives you the freedom to choose goods handling automation from any vendor. It lets you change and expand your automation set-up any way your changing business demands.



>>>

### WHITE BOX + ADDING MAXIMUM EFFICIENCY TO YOUR WAREHOUSE PROCESSES

Consafe Logistics offers automation control solutions with different set-ups, to suit your needs. But for our customers with both automated and manual picking and the need for total control over all operations we recommend White Box +, with our own WCS in combination with Astro WMS®. With the WCS and the WMS from the same supplier you get a white box solution with the same logic in the whole warehouse. White Box + gives you the benefits of:

- Astro WMS® and Astro WCS® seamlessly integrated
- WMS knows detailed stock levels
- WMS reprioritizes orders in real time
- WMS controls all automation (assignment based)
- WCS steers flow control and load balancing
- Enables full Astro WMS® Digital Twin functionality

### WHY CHOOSE Astro WCS®? BECAUSE YOU ARE IN FOR THE LONG RUN

In the world of warehousing only one thing never changes. That things always change. Therefore you do not want to be locked into a system that cannot be changed. Astro WCS® is a long term solution for machine control – no matter how your business will change and what automation equipment you use. And in combination with Astro WMS® both the manual and automated parts of your warehouse will be working together with the highest efficiency possible.

### ABOUT CONSAFE LOGISTICS

Consafe Logistics is the leading European supplier of warehouse management solutions. We deliver reliable, flexible and smart solutions to create competitive advantages for our customers worldwide. With our extensive warehouse knowledge and through co-creation, we deliver

sustainable solutions that fit every level of complexity and volume in the warehouse. Being technically curious and determined to create efficiency for our customers, we drive world-class software development to give you a competitive edge. We have been doing it since 1978.

The Consafe Logistics Group consists of 400 employees and support our global clients from our subsidiaries in Sweden, Norway, Denmark, Holland, Poland and the UK. HQ is located in Lund, Sweden.

[www.consafelogistics.com](http://www.consafelogistics.com)