

Vertical Storage Lift Integration

Vertical Storage Lift Integration (VSLI) is an option that can be added to MONITOR G5. By using VSLI you can create a link between MONITOR and the vertical storage lift's control system (WMS). This enables effective storage and picking.



How does it work?

Vertical Storage Lift Integration (VSLI) recognizes when stock transactions are to be made. An order file is sent from MONITOR to the vertical storage lift's control system (WMS), and the user receives a complete job to start, instead of manually having to enter each part that should be picked.

If the receiving vertical storage lift and WMS handle changes of orders already sent, then the task will be updated if the order row is re-planned in MONITOR.

If the WMS supports stock count, this data will be imported and the stock count will also take place in MONITOR.

When parts are being picked for a customer order, the order rows can be delivered directly, or the balance can be moved from

the WMS's location in MONITOR to a pick location. In the latter case, a delivery reporting should be made in MONITOR.

For purchase orders, order rows can be reported for arrival directly to the vertical storage lift's location.

Supported Transactions

- Delivery reporting of customer order
- Arrival reporting of purchase order
- Delivery and arrival reporting of stock order
- Unplanned stock movement
- Stock count
- Picking of material for manufacturing order
- Transfer to stock from manufacturing order

Special functions in the integration can be developed on demand.

Supported WMS

The integration currently supports the following WMS:

Welands Compact Store

https://www.welandsolutions.com/en-gb/compact_store/

TCPlus WMS (Constructor)

<https://www.constructormachines.se/lagerautomater-software/tcplus-wms/>

Power Pick Global (Kardex Remstar)

<https://www.kardexremstar.com/us/materials-handling-storage-solutions/storage-software-solutions.html>

Technology

The Vertical Storage Lift Integration software can be installed as a service on your MONITOR server or on the vertical storage lift's WMS, which means the program will run in the background.

Communication between MONITOR and the vertical storage lift's WMS takes place using XML files.