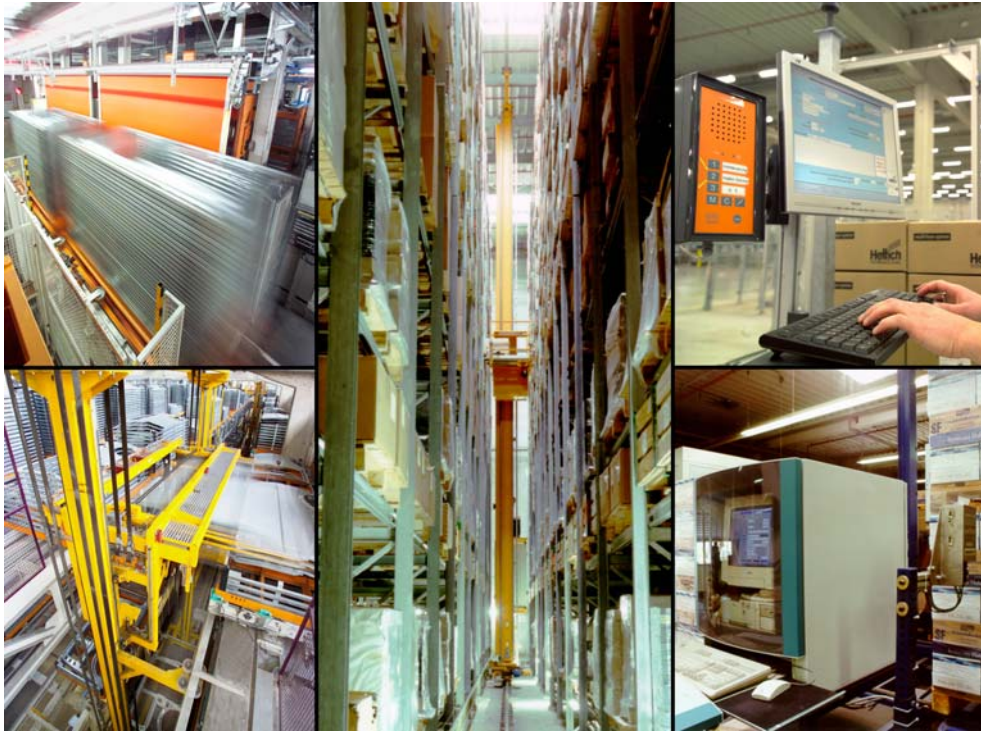


PSIwms manages the VMI Process (Vendor Managed Inventory)



Integration and collaboration between companies become increasingly important in the management of logistics. It requires a high level of flexibility for the companies involved (the supplier, customer and logistics service provider) and for the IT systems used. The aim is to align the optimised business processes across the companies involved. The procurement process should be optimally converted and managed by IT. With VMI (Vendor Managed Inventory), the supplier or the logistics service provider monitors the warehouse of the customer and is responsible for the management and replenishment of stocks for the customer. In this case, the optional module to manage the VMI process from PSIwms is effective – the flexible platform for warehouse logistics.

Cost-efficiency of the procurement process with synchronous customer optimisation

PSIwms as a central information system to manage and monitor the optimised procurement process for the production supply enables the

- Improvement of supply availability
- Decrease in replenishment lead time
- Prompt response to stock fluctuations
- Reduction of costs for procurement and storage

Business activities of PSIwms to manage the VMI process

- Management and presentation of the VMI basic data
 - Stock information taking the blocking status and reserved stocks into account

Optimised replenishment quantities on the basis of stock data or ranges of coverage

- Minimum/Maximum stock level with definable reorder point/safety stock and target stock level
- Consumptions (current and planning data)
- Calculation of the replenishment quantity on the basis of the stock or the range of coverage on the basis of consumptions
- Automated information or repeat order taking into account
 - The reorder point and the minimum stock level
 - A defined time of ordering
 - The consumption data
- Management and monitoring of the data communication between the IT systems involved on the basis of standardised interfaces (EAI)
 - EDIFACT
 - SAP IDOC
 - VDA
 - PSI*wms*
- Controlling and monitoring of the entire process and the defined status with a two-stage warning procedure to detect and escalate exception situations on the basis of the Event Management module from the standard version of PSI*wms*
- Stock management as vendor consignment stores, optional on the basis of the standard version of PSI*wms*
- Management of the supplier as a client, optional on the basis of the standard version of PSI*wms*

Scaling VMI process as necessary

The functions of PSI*wms* up to the mapping of the VMI process can be individually scaled as necessary: beginning with the storage and management of the stocks in consignment and the monitoring of the determined levels and status, across the

management and triggering of purchase orders on the basis of the static VMI basic data, to the material planning and dynamic determination of the optimal replenishment quantity on the basis of a range of coverage-oriented demand forecast. Therefore, different integration levels of the VMI process can be mapped specifically for the customer in PSI*wms*.

Production supply focus

The features of PSI*wms* to manage and monitor the VMI process focus applications directly for suppliers and logistics service providers, take over as the third party in the process chain between the supplier and customer, then assume the responsibility for the optimised management of the VMI process.

PSI*wms* also provides industry-specific solutions, e.g. in the automotive industry for the process control in a vendor logistics centre for the production/assembly supply. In this case, the data communication between the supplier logistics service provider (vendor logistics centre operation) and OEM is based on the standardised interfaces for the external service provider processing according to the recommendation from the VDA standards.

Management and optimisation of suppliers logistics centres according to the VDA standard

Customer-specific scaling of the integration level of the VMI process

PSI Logistics GmbH
Dircksenstr. 42-44
D-10178 Berlin
phone +49 / 30 / 28 01-28 50
fax +49 / 30 / 28 01-28 51
www.psilogistics.com
info@psilogistics.com

PSI 
Logistics