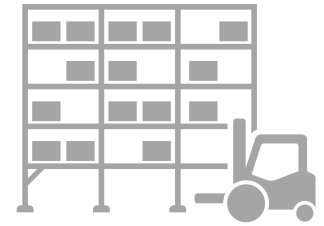




+ PSI Logistics Suite

PSIwms for Production Logistics



PSIwms

The warehouse management system for optimising your intralogistics

Apart from production planning, the storage of raw materials, partially finished and finished goods for an optimized production line or machine supply and waste disposal is an important area. This requires a precise logistics of materials, from an optimized planning of deliveries considering the transport volume to a flexible handling of bottlenecks and the related access to recent incoming goods. The use of PSI Logistics Suite provides you the necessary transparency and security that you need for a smooth production logistics.

We provide the project certainty that your logistics deserve: we have decades of experience and have already successfully implemented several hundreds of warehouse projects.



PSIwms provides the following features



- + Modular design allows easy and flexible adjustment
- + Support of all warehouse forms, types and technologies
- + Release-ready, regardless of the degree of customization
- + PSI Click-Design – freely customizable and scalable interface
- + Process-oriented warehouse visualization

PSIwms supports, e.g., the following industry-specific processes



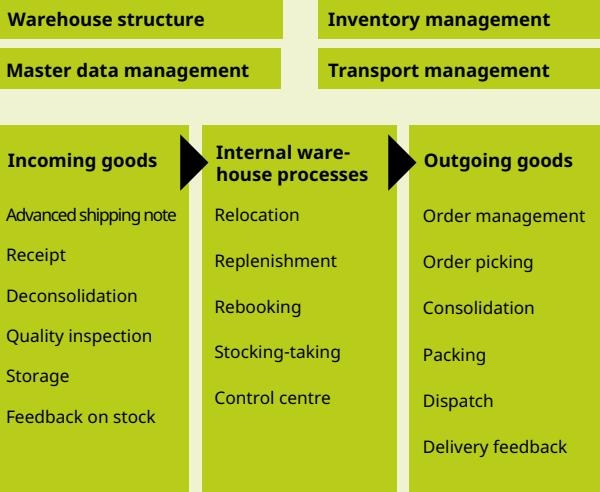
- + eKanban
- + Forklift guidance system (incl. route trains, timetables, ...)
- + Multi-level supply
- + Event management
- + Batch/serial number
- + Kitting „Set-building“
- + Dock, slot & yard management
- + Just in time/just in sequence
- + Multi-order picking
- + Production/-disposal
- + Parts list management
- + Tracking of stocks between production steps and with external manufacturers



PSIwms architecture

Of course, our PSIwms solution complies with the VDI 3601 guideline regarding the tasks and performance areas of an IT system for warehouse management. An overview of all PSIwms functions can be found here:

Core functions according to VDI 3601



Additional functions according to VDI 3601

Batches	Best before dates
Cross-docking	Package optimisation
Dock & yard management	Production supply and removal
Double-deep/multi-deep storage	Resource planning
Hazardous goods	Returns
Hazardous substances	Serial numbers
Weight control	Warehouse reorganisation
Handling units management	Forklift guidance system
Kit building	Value-added services
Consignment	Vendor managed inventory
Empties and load carriers	Scrapping
(Multiple) client capability	Customs
Multi-warehouse handling capability	

Interfaces to

ERP systems	Pick-By-Voice	MFR / MFS
Shipping systems	Pick-By-Light	Pick-By-Vision
Localisation	Web service/ restful	
Driverless transport systems		

PSIwms additional functions

Activity tracking	Image capture
Adaptive order start	Modelling
Adaptive scenario management	Packing units
Archive	Picking batch
Automated testing	PSI-Click-Design
Stock separator plus	Stocklist management
Billing	Time slot control / Slot management
Dashboard	Visualisation of incoming goods (OSM)
Digital twin	Warehouse service broker
Event management	Warehouse visualisation
Excise Tax	



Your benefits

- + Best practice approach ensures project realization and execution in time & on budget
- + Standard interfaces enable fast and safe commissioning
- + Fast and secure data exchange with HOST system through integrated automatic test
- + Flexibility and adaptability for your individual needs and processes
- + Investment security through pioneering JAVA technology and permanent further development (annual release)
- + Powerful and stable even with high system loads
- + 24/7 support, individual service level agreement, own data center
- + More efficient processes through self-configuring system, depending on events (e.g. volume, dates, ...)

“ Overall, the processes of contract manufacturing have become faster and more reliable and we have greater flexibility in logistics. The introduction of PSiwms was worth it. ”

Christian Hofmeister

Head of Logistics, Mahr GmbH

“ The functional scope of PSiwms with continuous transparency and the central control of all processes supports our high standards of delivery capability and quality of our contract manufacturing. ”

Anja Sasse

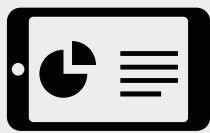
Head of Warehouse logistics, Hettich Logistik Service GmbH & Co. KG

Renowned customers rely on PSiwms (excerpt)



Innovative and future-proof.

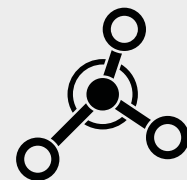
The continual sharing of ideas with our customers is fundamental to the development of PSIWms. One specific way we do this is with the annual PSIWms User Day, when we offer the community a platform for discussion, and the opportunity to collaborate and create ideas.



mobile



smart



integrative



Each year, PSIWms invests over 10 % of its turnover into research and development for innovation and product refinement.



Technical features

- + Direct connection to SAP (and other ERP systems) as well as shipping systems and driverless transport systems
- + Cloud-enabled and available from PSI data center
- + The hybrid, parallel use of different radio data transmission technologies
- + A future-proof, expertise-based framework
- + Automatic system testing for processes and functions
- + Certified data security (ISO 27001)



PSI Logistics GmbH

Dircksenstraße 42-44
10178 Berlin (Mitte)
Germany

Phone: +49 30 2801-2850

Fax: +49 30 2801-2851

info@psilogistics.com

www.psilogistics.com

Other offices:

Aschaffenburg (Germany)

Dortmund (Germany)

Posen (Poland)



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