





# **PSIwms**

### The warehouse management system for optimising your intralogistics

PSIwms plans, manages and optimises business processes in intralogistics. To this end, our product offers modules with exclusive, future-oriented developments. PSIwms already supports all relevant warehouse forms, types and technologies in a standard system. It can also be used in a production-related warehouse, i.e. a dispatch warehouse or distribution centre. PSIwms is equally suitable for small warehouses, and those which are large and complex.

Thanks to continuous further development, with PSI-wms you are release-ready - regardless of the degree of customization - and always at the cutting edge of technology. You get a high-performance system, which can easily and flexibly be adapted to any relevant needs, as a result of its modular structure. This follows the principle of "as much as necessary, as lean as possible."

When it comes to your project, we will give you the reliability your logistics processes deserve: we have decades of experience and have already completed several hundred successful warehouse projects.



#### **Includes Best Practice for**

- + Automotive and Industry
- + E-Commerce and Retail
- + Logistics service providers
- + Spare parts logistics



#### 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, ...)



# 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:



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		

RP systems	Pick-By-Voice	MFR / MFS
Shipping systems	Pick-By-Light	Pick-By-Vision
ocalisation	Web se	rvice/ restful

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		
Digital twin	Visualisation of incoming goods (OSM)	
Event management	Warehouse service broker	
Excise Tax	Warehouse visualisation	

#### **Features unique to PSIwms**



- + Release-ready, regardless of the level of customisation
- + PSI-Click-Design fully adaptable and scalable user interface
- + Process-oriented warehouse visualisation
- + Warehouse service broker
- + Adaptive scenario management
- + Modelling at dialogue level or offline
- + Customisable drill-down cockpit
- + Rule bases for warehousing and removal strategies
- + Automatic testing
- + Empty run optimisation by means of fuzzy logic
- + Adaptive order start
- + Managing yard logistics
- + Customer programming via a web service

#### New in this Release



- + Cloud-based e-commerce solution:

  Designed specifically for e-commerce and omnichannel processes. Preconfigured returns workflows and masks already available.
- + Improved Graphical User Interface:
  Easily customization of the user interface to individual needs.
- + **Stacker control system Transport Control:**Transport Control Service (TCS) for planning and controlling intralogistics transport routes.

























# Innovative and future-proof.

The development of PSIwms takes place in close exchange of ideas with our customers. One specific way we do this is with the PSIwms Competence Group and the annual PSIwms User Day when we offer the community a platform for discussion, the opportunity to collaborate and create ideas and product development.



## mobile



### smart





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

#### **Technical features**

- ✓ Standard interfaces for 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)



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