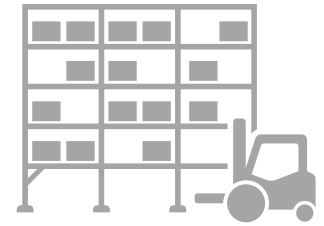


PSIwms 100% Releaseability and future-proof



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 development, you can always enjoy state-of-the-art technology with PSIwms - 100% releaseability, regardless of the level of customisation! 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.



Including best practice for

- + Logistics service providers
- + Automotive and industry
- + Retail and e-commerce
- + Replacement parts logistics
- + Production support



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](#):

Core functions according to VDI 3601

Warehouse structure

Inventory management

Master data management

Transport management

Incoming goods

Advanced shipping note
Receipt
Deconsolidation
Quality inspection
Storage
Feedback on stock

Internal warehouse processes

Relocation
Replenishment
Rebooking
Stocking-taking
Control centre

Outgoing goods

Order management
Order picking
Consolidation
Packing
Dispatch
Delivery feedback

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

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)

Event management

Warehouse service broker

Excise Tax

Warehouse visualisation

Image capture

Features unique to PSIwms



- + 100% 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 Release 2020



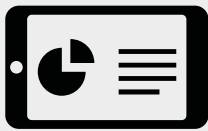
- + Module Digital Twin for a configurable data transfer from a production system to a test system to test real data with optimized process configuration or new software versions by automated tests
- + Module Activity Tracking enables configurable logging of activities in the warehouse to record process times as a basis for dashboards, key performance indicators and BI tools
- + Module PSIwms Mobile with new functions for recording photos and signatures, e.g. during confirmation of shipments, quality control or other processes
- + Certification of Oracle Linux 8, Connection to Microsoft® Active Directory for authentication and synchronization of users and roles via secure LDAPS

Prestigious companies rely on PSIwms



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)



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