

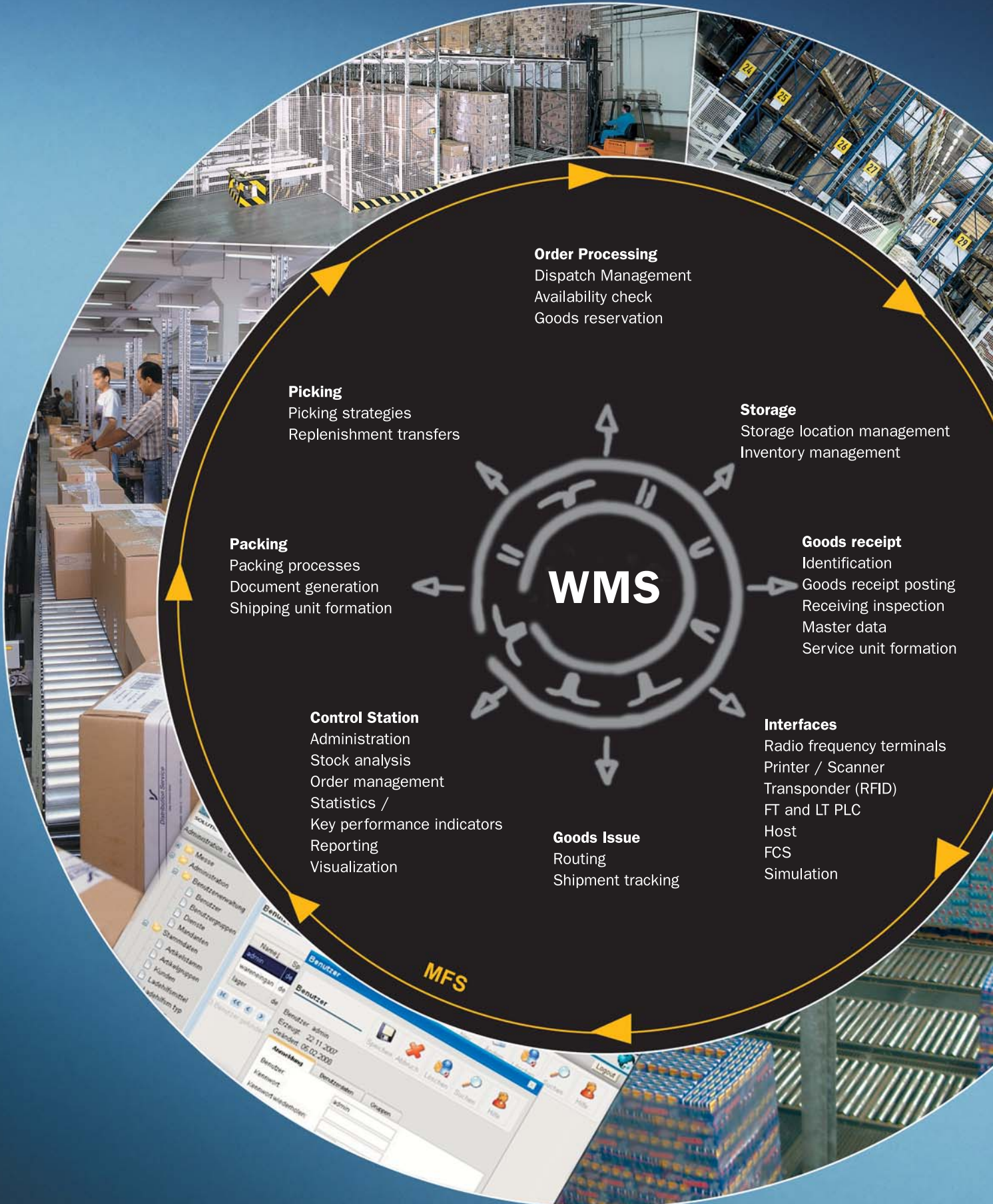


WMS

WAREHOUSE MANAGEMENT SYSTEM



Navigate through your stock depot with our innovative warehouse management system.



Order Processing

Dispatch Management
Availability check
Goods reservation

Storage

Storage location management
Inventory management

Goods receipt

Identification
Goods receipt posting
Receiving inspection
Master data
Service unit formation

Interfaces

Radio frequency terminals
Printer / Scanner
Transponder (RFID)
FT and LT PLC
Host
FCS
Simulation

Goods Issue

Routing
Shipment tracking

Control Station

Administration
Stock analysis
Order management
Statistics /
Key performance indicators
Reporting
Visualization

Packing

Packing processes
Document generation
Shipping unit formation

Picking

Picking strategies
Replenishment transfers



WMS Warehouse Management System - because complex systems call for clear structures!

The innovative KÖHL WMS warehouse management system is client-enabled and supports all warehouse types, from simple forklift-operated bulk storage to fully automated high shelf storage systems. It consists of a material flow as well as a warehouse management component which can be applied separately or in combination. The material flow system manages, controls and optimizes the material flows while administering stacker cranes, conveyor systems and peripheral devices. The warehouse management system is meanwhile in charge of the storage location and inventory management, as well as the management of goods receipts, orders, picking / shipping and goods issue processes.

Simple and Independent Handling

The user can administer, evaluate and manipulate the system via the WMS control station. In the process he or she can independently define the required evaluations with the help of a report designer, supplying them with display and graphic features such as pie, line and bar charts. The web-based nature of the application meanwhile obviates the need to install any special software on the user's computer.

**KÖHL WMS ensures that all
warehouse areas are optimally
managed and controlled.**



WMS Warehouse Management System - because greater warehouse transparency also boosts profitability.

The KÖHL WMS is based on up-to-date software technologies. Object-oriented software design, web-based operation, independence from the operating system and data base, configurability, scalability and its conception as a distributable system are the main attributes of the KÖHL WMS warehouse management system.

The development was based on the Java EE standard as an application with triple layer architecture:

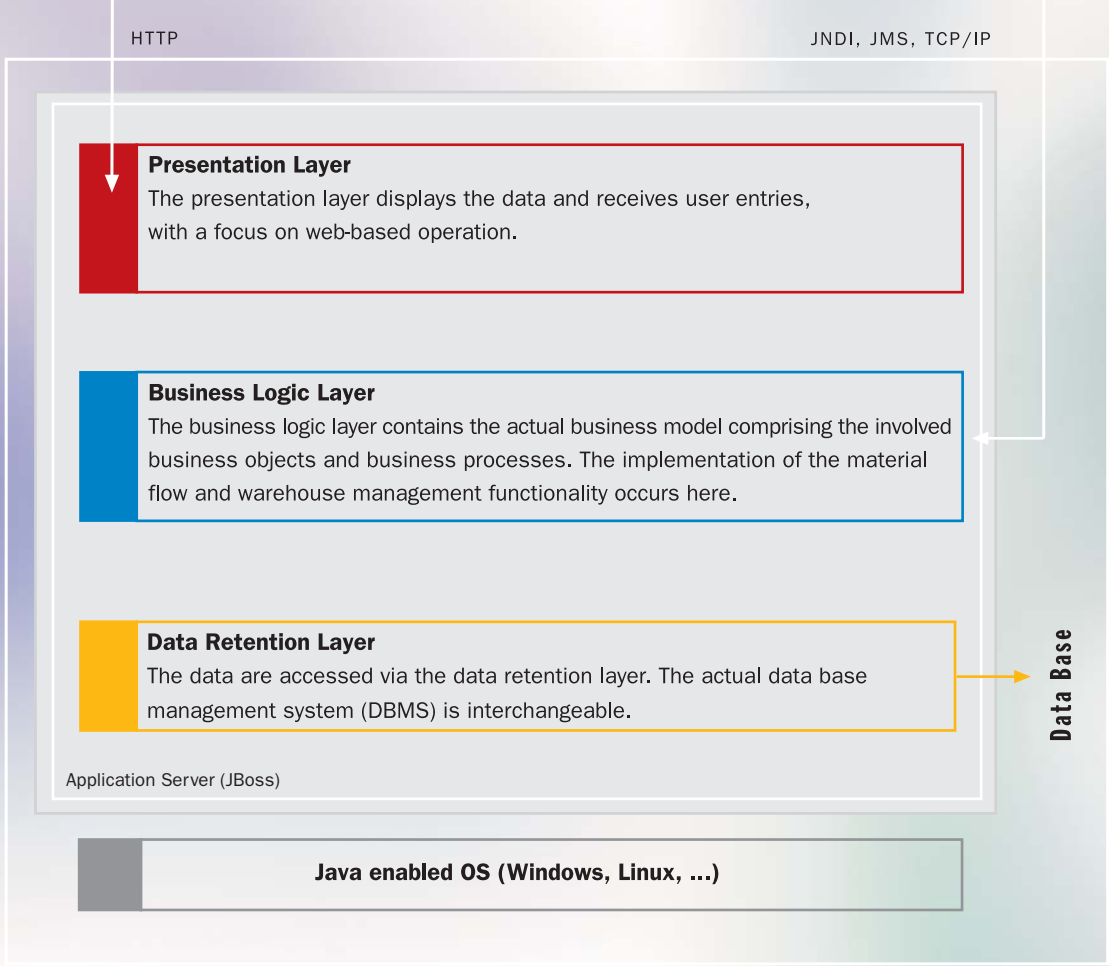
- Presentation layer
- Business logic layer
- Data retention layer

The interfaces to related systems such as the retailing system, for example, or the control and materials handling technology are specified in an open manner. Only standardized interchange technologies are relied upon in the process.





WMS SOFTWARE ARCHITEKTURE



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Additional information