

HotWMS™ Warehouse Management

OVERVIEW

HotWMS™ is a robust, scalable, and feature-rich warehouse management system built on widely used industry technologies such as Oracle's relational database, client-server, object oriented, and graphical user interface technologies. This leading edge WMS is an extensive execution and information management system that supports all the functions of a warehousing operation and incorporates leading edge functionality such as Cross Docking and Internet enabled visibility across multiple warehouse locations.

The following key features and functions are included in HotWMS™. For a comprehensive listing of the features and functions, please contact HotStatus.

HotWMS™ Configuration Features:

System Operating Parameters	Easy configuration of HotWMS™ through “on-off” switches to customize system processes and operational functions without software modifications
Graphical User Interface	Windows look and feel user interface improves usability and reduces system training Standard form types are customizable by the user
Radio Frequency User Interface	Full real-time Radio Frequency (RF) application that runs on all major manufacturer’s RF devices
API Messaging System	Interfaces with virtually any host system and/or material handling equipment - providing fast, efficient communication between systems Table-to-table mapping system for real time communication
HotWMS™ Documents	Prints documents, reports and labels at any time, directed to specific locations where needed Interfaces with custom report writing packages
Security	Unique user ID and password access Role-based access to forms, based on user-group privileges; Tracks log-on activity and times
HotWMS™ Administrator	A separate, secure subsystem to maintain operating parameters, profiles, configurations and reference tables

PRODUCT INFORMATION

HotWMS™

Configuration

Warehouse Mapping	Flexible method for modeling the warehouse allows a location grouping structure (zoning) of physical and logical locations. Supports multiple divisions, buildings or warehouses
Location Management	Provides the ability to define location physical and logical attributes, maximizing flexibility to manage space utilization Supports zero, one, or many dedicated locations for a given SKU unit Separates travel paths for putaway, pick, and replenishment
Location Grouping (Zone)	Ability to define a logical set of physical locations grouped together for operations purposes
Inventory Model	Ability to track inventory by user-definable attributes: class, condition, and ownership Supports multiple ownership of inventory; Containerized inventory tracking; Tracks inventory at every point within the warehouse
Product Master Management	Product Master defined to the business division account User definable Units of Measure per product; Product attribute settings
Hot-Zoning	Ability to associate product storage to specific warehouse location groups Min/max inventory levels by location group, product and unit of measure

HotWMS™ Inbound Management Features

Inbound Planning	Creates multiple expected receipts against a single inbound master; Allows manual or automatic creation of expected receipts Provides on-line visibility to inbound masters and expected receipts
Receiving	Allows receipt confirmation by detail SKU line or entire inbound master; Splitting of receipts into multiple locations, in multiple units of measure
Cross Dock to outbound staging and picking	Allows pre-determined product receipt to be associated and/or preserved to a pre-determined outbound order. Moves product straight from receipt to shipping

PRODUCT INFORMATION

HotWMS™

Inbound Management

Customer Returns	Supports returned orders through normal receiving Supports creation of print-only outbound orders to pick up customer returns
Putaway	Generates putaway tasks, directing product to specific locations; Updates inventory in real-time Supports putaway location search logic, with user configurable operating parameters

HotWMS™ Inventory Management Features

Inventory Moves	Directs inventory movement among locations and supports creation of inventory movement tasks and validation of moves against the destination location
Inventory Adjustments	Provides an inventory adjustment function and records inventory adjustments for audit trail requirements
Inventory Reclassification	Manages changes to warehouse inventory Supports Class/Condition/Ownership reclassification
Cycle Counting	Ability to create on-demand cycle counts for any location or SKU; Conduct a full physical count of all inventories; Create a count task due to an exception condition Allows on-line visibility of cycle count variance history
Replenishment	User-definable parameters control the replenishment process Global replenishment allows manual creation of tasks for a division or location group Priority replenishment directs inventory movements to keep picking location quantities at “fill-to-max” or “fill-to-meet-demand”
Quality Assurance	Ensures the quality of inventory within the warehouse; Facilitates identification of a quality control sample at receiving; Ability to quarantine specific inventory
Shop-floor Processing	Finished goods product receipt; Raw component inventory tracking; Static Bill Of Material; Dynamic Bill of Material; Lot restrictions and Country of Origin tracking

PRODUCT INFORMATION

HotWMS™

HotWMS™ Outbound Management Features

Order Management	Provides processes for order selection, assessment of impact on picking operations, and creation of necessary tasks to support the fulfillment of orders Supports maintenance of orders (i.e. add, update, prioritization, hold and release, and cancellation)
Load Group Management	Groups orders into logical shipment groups; reassigns orders from one load to another at any point prior to manifesting Provides on-line view to load groups
Order Groups – Order Waves	Consolidates orders into logical picking groups based on a variety of parameters Provides an on-line view of order groups, including number of containers and associated status
Pick Generation	Determines best pick locations; creates the tasks to pick and move inventory from storage to designated outbound locations Prints documents such as pick labels, and shipping labels Option to allocate by product rotation (i.e. FIFO)
Cartonization	Optimizes number/size of shipping container based on inventory, volume, maximum dimension, weight, and fill rate
Workload Planning	Assigns outbound orders into Pick Pools; Pick Lots
Picking	Supports RF or Paper based picking process; Continuous Picking; Parallel Picking; and Pick and Pass Automatically confirms open pick tasks associated with shipping container; Records pick exceptions for audit trail
Carton Routing	Routes outbound containers to one or many drop off points
Staging	Ability to pick and stage outbound containers improving dock management
Shipment Manifesting	Confirms the shipment and generates all associated shipping documentation; Prints customer specific delivery instructions on manifests
Delivery Confirmation	Optional step to confirm delivery on shipped orders
Order Value-Add Features	Defines additional processes, such as inspection or gift-wrapping; Promotional Inserts