

Openbravo WMS



Openbravo WMS offers retailers a complete cloud-based solution for the efficient management of their daily warehouse and inventory operations.

An **easy-to-use, mobile-enabled solution** for the efficient and guided execution of tasks such as receiving, moving, picking, and inventory counts.

As warehouse tasks are processed, inventory information is automatically updated to provide retailers with a **centralized, real-time view of their inventory levels**, a prerequisite today for successful omnichannel execution.

The flexibility of Openbravo WMS allows it to be adapted to different scenarios, **from a small warehouse in a store to large warehouses with a large number of locations and references**, which requires advanced functionalities to manage their high degree of complexity.

Key Benefits

- ➔ Increase the productivity of your employees
- ➔ Optimize the use of physical space
- ➔ Gain centralized, real-time visibility into inventory levels and movements
- ➔ Improve your operational efficiency by executing tasks from mobile devices
- ➔ Improve your order-picking processes



OPENBRAVO WMS PROVIDES A WIDE SET OF FUNCTIONALITIES FOR THE COMPLETE AND EFFICIENT MANAGEMENT OF WAREHOUSE AND INVENTORY OPERATIONS

WAREHOUSE SET UP

Physical layout. Establish the physical layout of your warehouse by defining internal routing areas, bins, and storage capacities for warehouses or groups of bins.

Warehouse algorithms. Establish the use of inventory algorithms that define the bins or inventory that are considered when creating or executing a task.

Dynamic priorities. Define rules to calculate the priority of the tasks and from there indicate the proposed sequence of execution to the operators.

Routing. Establish internal (within the same warehouse) and external (between warehouses) routes that must be followed by the goods during the execution of the tasks.

Bin popularity. Increase the efficiency of your warehouses' receiving process by using codes that indicate the use of certain bins for merchandise with a greater or lesser degree of rotation (fast-movers or slow-movers).

Inventory status. Manage the inventory status of warehouse locations, allowing you to control the inventory status of products stored there.

Configuration load. Import a csv file with information related to the warehouse configuration, including among other data such as routing areas, storage groups, products or alternative storage units.

TASK EXECUTION

Types of tasks. Define basic types of activities such as receipts, movements or shipments, as well as types of inventory transactions allowed.

Task management. Generate, prioritize, and assign or unassign tasks related to activities such as pickings, movements, receptions, put-away, inventory counts or shipments. Notify employees in real time on their mobile devices of their assigned tasks, presented in order of priority and route.

Grouping. Group tasks that share the same dimensions such as products, source and destination bins, or attributes to facilitate confirmation.

Management of tolerances. Define permissible tolerances in relation to differences between confirmed and expected quantities, which can lead to the automatic generation of new tasks.

Load balancing. Control the load levels assigned to your warehouse operators according to defined rules.

Authorizations. Control which users can start or complete tasks from the front-end.

Execution log. Access a detailed log with information on all steps taken during the generation and execution of tasks to identify future actions for improvement and optimization. This functionality generates a high volume of information from which it is possible to configure the verbosity level and the period during which it will be activated.

INVENTORY MANAGEMENT

Attributes. Ensure full traceability by using attributes such as batch number, serial number, and expiration date.

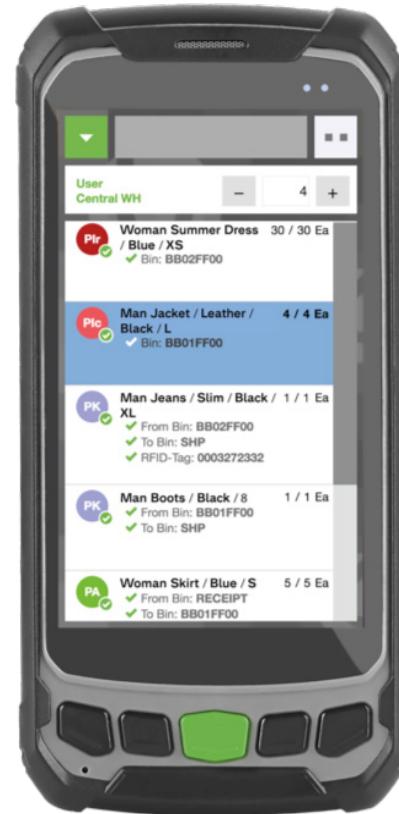
Product popularity. Distinguish the highest and lowest turnover products (fast-movers and slow-movers) to identify the best locations during the process of receiving goods (put-away).

Referenced inventory. Manage stock that is part of a set or another reference such as a box or other type of container.

Physical inventory. Control the exact inventory level at all times using planned counting tasks or cycle counting for auditing and error correction purposes. Allow multiple users to share a task to reduce your expected task execution time.

Alternative units of measurement.
Manage your inventory in different units of measurement assigned to products.

Label printing. Easily integrate with label generation systems or printers by taking advantage of Openbravo's integration capabilities and the use of connectors with solutions like BarTender from Seagull Scientific.



Warehouse Operations - TV UHD...										
Task - MTR(LB) Aero Relax N...										
Product - TV UHD 4K 48" Super...										
Warehouse Front-End Configur...										
Warehouse	Internal Routing Area	Storage Bin	Product	Attribute Set Value	Quantity on Hand	Unit	UOM	Inventory Status		
Year-Advanced...	INS - Inspection - Your-Advanced-Warehouse	INS	*TV UHD 4K 48" SuperBrand		7	Unit	Inspect			
Year-Advanced...	STG - Storage - Your-Advanced-Warehouse	BB01FF50 - Blocked	*TV UHD 4K 48" SuperBrand		34	Unit	Blocked			
Year-Advanced...	STG - Storage - Your-Advanced-Warehouse	BB01FF50	*TV UHD 4K 48" SuperBrand		43	Unit	Available			
Year-Advanced...	SHP - Shipping - Your-Advanced-Warehouse	SHP	*TV UHD 4K 48" SuperBrand		22	Unit	Shipping			
TechnoPark	STON - Storage - NonPublic - TechnoPark	FJ08	*Refrigerator 110cm 2 compartments	#EFA	1	Unit	Undefined			
TechnoPark	STON - Storage - NonPublic - TechnoPark	OVFL	*Refrigerator 110cm 2 compartments	#1	1	Unit	Undefined			
TechnoPark	STON - Storage - NonPublic - TechnoPark	OVFL	*Refrigerator 110cm 2 compartments	#1	1	Unit	Undefined			
TechnoPark	STON - Storage - NonPublic - TechnoPark	FJ08	*Refrigerator 110cm 2 compartments	#STH	1	Unit	Undefined			
Task										
Transactions										
Creation Date	Status	Task Type	Priority	User/Contact	Expected Quantity	Confirmed Quantity	Expected Bin From	Confirmed Bin From	Expected Bin To	Confirmed Bin To
12-07-2017 11:56:31	Confirmed	Pk - Physical Inventory (regular Count) - 1...	1.000	Maarten	100	90	BB01FF50	BB01FF50	BB01FF50	BB01FF50
12-07-2017 11:57:22	Confirmed	Pk - Physical Inventory (incidental Recount...	9.999	Openbravo	90	85	BB01FF50	BB01FF50	BB01FF50	BB01FF50
12-07-2017 12:18:40	Confirmed	Pk - Physical Inventory (regular Count) - 1...	1.000	Maarten	85	10	BB01FF50	BB01FF50	BB01FF50	BB01FF50
12-07-2017 15:15:40	Confirmed	Pk - Physical Inventory (regular Count) - 1...	1.000	Maarten	40	40	BB01FF50	BB01FF50	BB01FF50	BB01FF50
12-07-2017 15:34:47	Confirmed	PK - Goods Picking - 100 - 5	50	Maarten	6	6	BB01FF50	BB01FF50	SHP	SHP
12-07-2017 15:38:25	Confirmed	IS - Inventory Status - 0 - 0	0	Maarten	34	34	BB01FF50	BB01FF50	BB01FF50 - Bloc...	BB01FF50 - Blocked
25-07-2017 12:36:17	Confirmed	Pk - Physical Inventory (incidental Recount...	35.999	Maarten	5	5	BB01FF50	BB01FF50	BB01FF50	BB01FF50
31-07-2017 17:40:25	Confirmed	Pk - Physical Inventory (regular Count) - 1...	40.000	Openbravo	19	14	BB01FF50	BB01FF50	BB01FF50	BB01FF50
10-11-2017 10:30:23	Available	PK - Goods Picking - 100 - 5	305	Openbravo	24	24			SHP	

GUIDED INVENTORY RECEIVING

Bin recommendations. Ensure the optimal use of bins as proposed by the system based on different rules.

Movements between areas. Easily move goods between different internal storage areas.

Quality control. Allow for goods to be automatically diverted, should it be required, to the quality inspection area before being transferred to the storage area.

OPTIMIZED PICKING

Picking strategies. Optimize the picking process with the use of different rules.

Multi-order picking. Use a single picking document to prepare lines for different orders.

Cross-docking. Maximize the efficiency of your preparation movements, diverting the merchandise received directly to the shipping area when there is a pending order for picking, and thus avoiding storage.

Batched wave picking. Optimize the preparation of multiple orders by creating picking tasks that combine batch picking and wave picking and are executed in different scheduled time frames.



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