Increase your warehouse efficiency for unified commerce with Openbravo WMS

Openbravo WMS is a cloud and mobile-enabled warehouse management system designed to meet the challenges of today's highly demanding and fast-changing commerce marketplace.

It combines the benefits of cloud with enterprise-grade WMS capabilities, to provide flexible, automated support for processing all goods movements and managing stocks in your warehouses. From **one single point, and in real-time**.

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

Key Benefits

↘ Reduce the number of errors, internal stock movements and the walking time inside the warehouse.

↘ Boost workforce productivity with system-guide tasks from mobile devices.

↘ Maximize storage space utilization with directed putaway.

↘ Achieve global inventory visibility across warehouses in real time as items enter, move through and exit the warehouse.

↘ Streamline order fulfillment, provide accurate stock information and reduce stockouts.

↘ Accelerate implementations and innovate faster with a highly flexible and modular WMS system.

Warehouse set up

Define internal and external storage areas, bins, bin groups and routings describing your warehouse layout and merchandise flows.

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

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

Set up different types of tasks for activities such as picking, reception, counts or shipment, and the appropriate workflow to be followed in your warehouse.

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.

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.

Inbound operations

Offer your warehouses a solution that allows to flexibly support a variety of inbound operations processes. From receiving to putaway of items in the warehouse.

Bin recommendations. Guide your staff with system-suggested storage location based on different rules that optimize product placement.

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.

Movements. Easily move goods between different internal storage areas.

Outbound operations

Leverage robust and advanced WMS features for outbound processes in the warehouse, with a WMS system that ensures faster and more efficient order preparation.

Picking strategies. Standard picking algorithms based on methods like FIFO and FEFO combined with different parameters, cover all common business situations to determine which merchandise must be taken.

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

Batched wave picking. Batched wave picking allows the optimization of the picking path. It combines the benefits of batch picking and wave picking, resulting in the automatic generation of tasks according to a schedule of waves with the possibility to focus the workforce on specific areas or goods.

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.

Inventories

Gain global and real-time inventory visibility, allowing you to track inventory from distribution centers to the store shelves, including the ability to drill-down by product.

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. Print labels or easily integrate with label generation systems or printers.

Replenishment and transfers

Enable efficient stock transfers and replenishments, both internal and external.

Automatic and manual replenishments. Avoid stockout situations with automatic replenishment from other areas in the same warehouse and manual replenishment requests to other warehouses.

In-transit stock. Gain full control and visibility of "in transit" quantities.

Mobile processing

The Openbravo WMS mobile component enables users to perform daily tasks associated with receiving, putaway, picking and shipping directly from a mobile device.

Easy-to-use mobile solution. Empower associates with an easy to use and intuitive user interface, with task types identified by configurable icons, and assigned tasks listed in order of priority and travel sequence, with priorities being recalculated continuously by the system to ensure the best execution order is always achieved.

Offline-capable. Ensure warehouse operations continuity with an offline resistant technology that allows associates to continue processing tasks, even under the worst connectivity conditions.

Full-web. Simplify your overall warehouse IT complexity with a full web and responsive component, that only requires a browser in your mobile devices.

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