



**Macola**

**REAL-TIME  
MATERIAL  
MANAGEMENT  
FOR MACOLA**

The primary focus of Warehouse Management (WMS) is to control the movement, storage and accounting of materials and finished goods through the warehouse.

WMS is based on the concept of real-time material management and it is built on the Agility Adaptable Framework. You can leverage this Framework to tailor any of the applications to meet the most complicated distribution and manufacturing process requirements.

WMS records material as it arrives on the receiving dock, when material is moved within the warehouse, as well as shipping for sales order fulfillment. Other transactional functions have been added where they assist in better inventory management or are an integrated role to materials management such as Cycle Counting, and Pallet Management.

Benefits include shortening order turnaround times, higher inventory accuracy, increased order fill rates, and improved shipment accuracy. These benefits can be quantified, and include productivity increases from 20 to 30% and inventory and shipping accuracy rates that exceed 99%. Most users will also see better utilization of floor space, inventory

reductions, fewer data entry errors, and reductions in the amount of inventory lost to shrinkage. This all translates to lower costs and higher profitability.

**Pallet Management**

Pallet Management provides a very robust solution for building, shipping and recording the movement of pallets. Pallet Management relies on a tier of business logic built on the Agility Adaptable Framework that is designed to add a new inventory layer to Macola for packaging.

With Pallet Management you can build a pallet on-the-fly, as part of PO Receiving or during the fulfillment of your manufacturing production process as part of our Manufacturing Execution solution.

When you build a pallet, a unique Pallet License Plate number is generated, which allows you to record the movement of the pallet within your warehouse by simply scanning the pallet ID using a mobile data collection device. When it comes to Order Fulfillment you can perform a pallet letdown process to replenish your picking bins or you can scan a full pallet to add it to a shipment as part of our Advanced Packing and Shipping (APS) solution.



## Features

### Receiving

- PO Receiving
- SF Outside Processes
- Landed Costs
- Multi-Currency
- Put Away
- RMA Receiving

### Inventory Movement

- Issues
- Receipts
- Transfers
- In-Transit Shipping
- In-Transit Receiving

### Pallet Management

- Pallet Building
- Manufacturing FG
- PO Receiving
- Shipping
- Pallet Transfers
- Pallet Let Down
- Pallet Splitting
- Pallet Consolidation

### Manufacturing

- POP Issue/Return
- POP Production
- POP Backfill
- POP Put Away
- SFC Issue/Return
- SFC Production
- SFC Put Away

### Inventory Tracking

- Lot Control
- Bin Control

### Picking

- Directed Picking
- Wave Picking
- Pick Management

### Cycle/Physical Counting

- Count by item, tag, bin
- Serial counting
- Pallet counting

“Perhaps the bottom-line benefit of WiSys WMS is that Instawares now processes 400% more product orders with fewer staff. WiSys WMS has more than paid for itself after only a few months of use. It has been a set-it-up-and-forget it product.”

— Head of Technology,  
Instawares