



## STYLEman WMS

### Optimised Logistics

STYLEman WMS extends the functionality of STYLEman ERP into the warehouse with paperless management of the facility. The aim of the WMS is to improve efficiency and accuracy in warehouse transactions, by verifying that the right locations are visited and the correct SKUs are picked each time stock is moved. Efficiency is enhanced by breaking up stock movements into warehouse Zones, where different individuals or equipment may be needed to access the stock.

The system supports high-density SKUs in a Pick Face, as well as Bulk backing stock. The pick face may be re-stocked for each wave of picking on a just-in-time basis. Pickers can pick directly into despatch cartons, which then gives a full carton packing list for every despatch. This feature greatly reduces reported short deliveries.

New Parallel Picking functionality allows multiple small orders to be picked and packed on a single route. All routing around the warehouse is carried out in the optimised picking route that you can define to the system. The pickers can choose to route forward or backward, starting at the point nearest to their current location, and skip any locations where obstacles are found, returning to the location later.

# STYLEman WMS Optimised Logistics



## STYLEman WMS

STYLEman WMS has two components, a Warehouse Office component for configuration, management, monitoring and analysis of warehouse activity, and a scanner-based component for moving stock in the warehouse. Both components work together to ensure a highly efficient process by minimising the amount of handling and walking between locations.

## Warehouse Office

The Warehouse Office component is used for configuring the warehouse, in terms of Stock Types, Zones, Locations and Pick Face. The Order Well allows management of the Outbound workload, specifically Pick Face replenishment, Picking and Transfers Out. The Warehouse Office also create and monitor Perpetual Inventory Counting, which can be conducted simultaneously with all other warehouse activities. And finally, the Office can report on activity such as Picker Efficiency, Stock Shortages and Transaction Audits.

## Scanner Transactions

A complete set of transactions are available for the movement of stock in, around and out of the warehouse, as well as Inventory counting. The units are WiFi connected to the WMS for real time updates.

## Transactions include:

- Stock Receipts
- Putaway
- Pick Face Replenishment
- Picking (one Pick Ticket at a time)
- Parallel Picking
- Marshalling
- Despatch
- Transfers In and Out
- Perpetual Inventory Stock Counting
- Label Prints
- Enquiries



The example scanner in the picture is running Android 4.4, with both a 1D bar code scanner and a physical keyboard. The unit is IP67 standard.

## Technical Notes

- PHP, Javascript and SQL technology
- Links to STYLEman ERP via Web Services
- Warehouse Office and Scanner components
- Designed for HTML5-capable browsers on the scanners and on PCs
- Robust, resilient scanner transactions can be resumed in the event of signal loss

# STYLEman WMS Functionality



## Warehouse Management

- Warehouse Office and Scanner functionality
- Management of multiple Pools of stock (eg wholesale, retail, e-commerce etc)
- Support for multiple Zones
- Multiple Location types
- Optimal Location Routing
- Scan One or Scan All Threshold

## Stock Control

- Lot-level Stock Management
- Customer-specific Stock
- Pick from Oldest Inventory first
- Styles and Raw Materials

## Inbound Stock

- Shipments, Purchase Orders and Transfers In
- Stock Receipt against PO
- Inbound BBL (Licence Plate)
- Putaway with Suggested Locations

## Order Well

- Sort, Filter, Prioritise and Annotate Picks
- Create Wave for selected Picks
- Linked Replenishment for Wave
- Execute Replenishment before Pick
- Allocate work to Pickers
- Monitor Picking process

## Pick Face Management

- High density stock for small order picking
- Designated SKU Locations, or defined by SKU contents
- Single or multiple SKU Pick Face Locations

## Picking

- Picking Tickets and Transfers Out
- Single pass pick and pack
- Picking by Zones
- Pick in Best Routing order
- Reverse Pick Order
- Start Pick from Nearest Location
- Parallel Picking for small (e-commerce) orders
- Optionally Pick and Pack in Style Order
- Outbound BBL (Licence Plate)
- Warehouse Special Instructions

## Marshalling

- Group together Pick Tickets Zones
- First Picker chooses Marshalling Location
- Subsequent Pickers told where to put their Pick for Consolidation
- Repicking of shortages
- Repacking cartons
- Merge or Split Cartons
- Replace in Locations

## Despatch

- Combine PTs for same Destination
- Carton Weights and Volumes
- Carton Contents List
- Scan Cartons on to Truck
- Interface to Metapack

## Returns Management

- Returns against Authorisation
- Classification of Returns – Perfect, Seconds, Scrap
- Return Reasons
- Option to Putaway to Pick Face

## Warehouse Management

- Picker Efficiency
- Audit Trails
- Stock Enquiries
- Location Enquiries
- Label Prints

## Perpetual Inventory

- PI Cycle Counting
- Schedule Locations for Count
- Progress monitoring
- Slack Time activity or dedicated PI team
- Picking shortages optionally generate PI Count at high priority



## About STYLEman

STYLEman is the culmination of more than 25 years expertise in the sourcing, stock and sales of coloured and sized items. It has a wide variety of functionality that can be used as the business grows and explores new revenue opportunities. A typical STYLEman customer has 5-500 users.

## About Option Systems

Option Systems are a leading supplier of Apparel ERP systems since 1991. We sell and support systems from our UK Head Office and through our partner network worldwide. Our customers include a number of well-known international brands, as well as smaller specialist sourcing and CMT businesses.



## Contact Details

For more information about STYLEman ERP, PLM, WMS, BI and Mobile products, please contact Option Systems Limited.

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