

Entersoft WMS 5.11.0.0

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New features and extensions

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Brief description of version contents

See below for a summary of the main version extensions. The full new features & improvements catalog is broken down per category, along with user instructions & examples.

Entersoft WMS Back Office

- Optimization of the duration tracking process
- Resource assignment to item movement orders
- Extension of the receipt activation automation
- Support of Standalone Mode
- SoftOne Interface

Entersoft WMS Mobile

- Improvements in item weighing in various RF flows
- Receipt of Pack pallet from branch item movement
- Nested container extensions
- Check for pallet transfer in gross pallet item movement

1. WMS Back Office extensions

1.1 Optimization of the duration tracking process

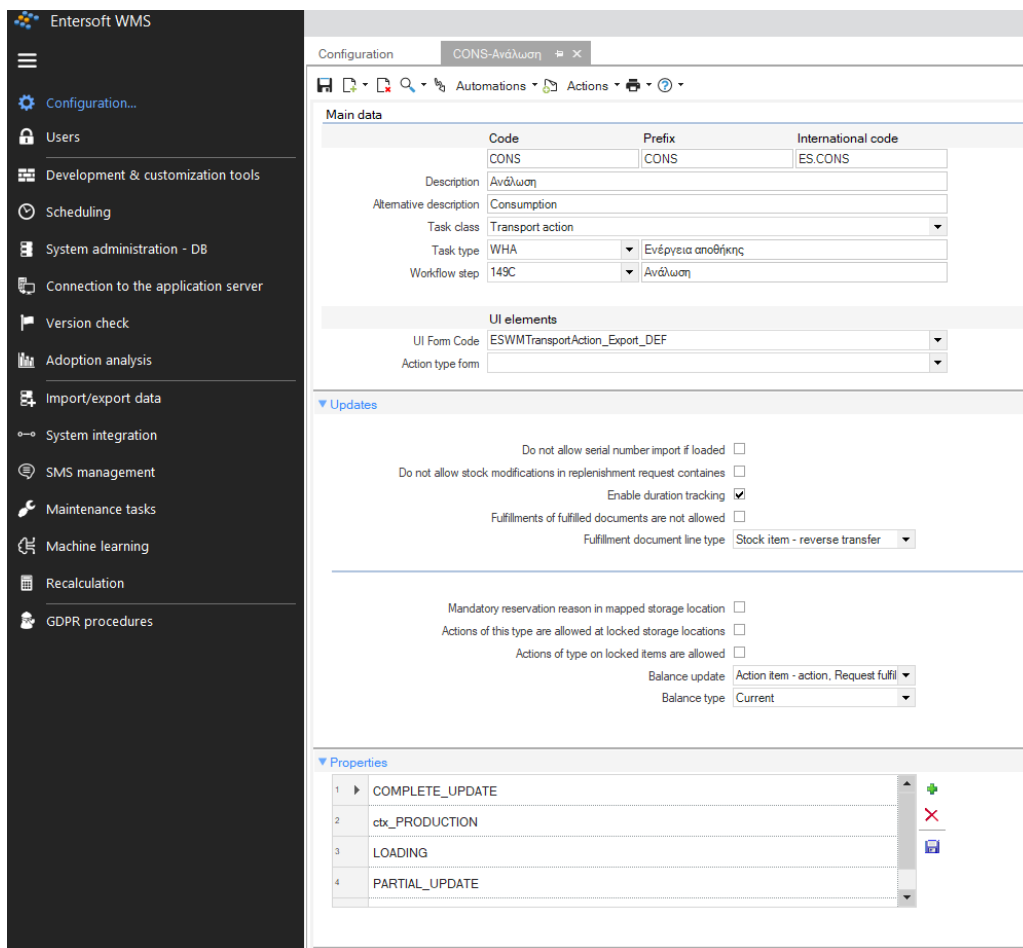
This version includes an improvement of the whole process concerning the cases where the duration tracking led has been activated in the application.

More specifically, this functionality concerns cases such as consumption stations, where a lot of customers need the entry dates of weighing entries as information - data.

By selecting an action type, such as “Consumption” and by selecting, from within the action type the option “Enable duration tracking” the information that is ultimately required by the user is obtained in a typical installation where, for example, touch screens are used.

As shown in the following image, at Configuration > Warehouse Management, the user selects all action types to display.

In case the user has activated a consumption action type, the duration tracking led will automatically be able to receive the desired data as mentioned above. For example, in case the entry date data of the weighing entry are required.



The screenshot displays the 'Configuration' window for 'CONS-Ανάληψη' (Consumption). The left sidebar shows the navigation menu with options like Configuration, Users, Development & customization tools, Scheduling, System administration - DB, Connection to the application server, Version check, Adoption analysis, Import/export data, System integration, SMS management, Maintenance tasks, Machine learning, Recalculation, and GDPR procedures.

The main configuration area is divided into several sections:

- Main data:**
 - Code: CONS
 - Prefix: CONS
 - International code: ES.CON.S
 - Description: Ανάληψη
 - Alternative description: Consumption
 - Task class: Transport action
 - Task type: WHA
 - Workflow step: 149C
- UI elements:**
 - UI Form Code: ESWMTransportAction_Export_DEF
 - Action type form: [Dropdown]
- Updates:**
 - Do not allow serial number import if loaded: ☐
 - Do not allow stock modifications in replenishment request contains: ☐
 - Enable duration tracking: ☒
 - Fulfillments of fulfilled documents are not allowed: ☐
 - Fulfillment document line type: Stock item - reverse transfer
- Properties:**
 - Mandatory reservation reason in mapped storage location: ☐
 - Actions of this type are allowed at locked storage locations: ☐
 - Actions of type on locked items are allowed: ☐
 - Balance update: Action item - action, Request fulfil
 - Balance type: Current

The Properties section at the bottom lists four items:

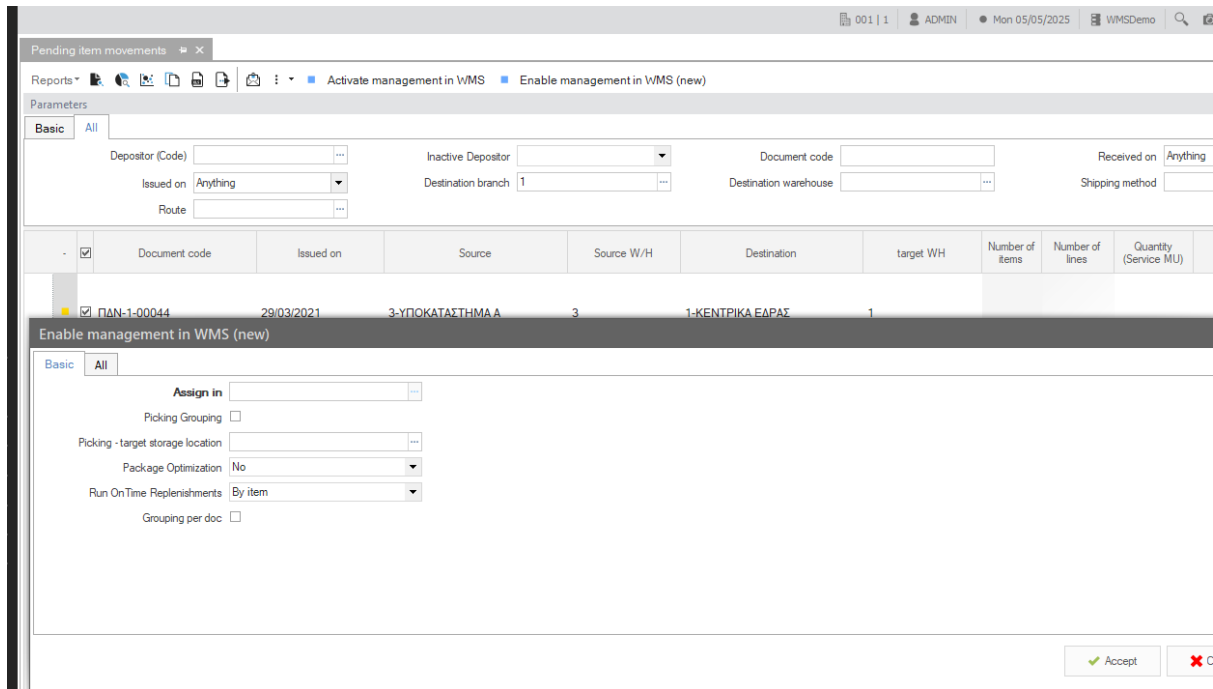
- COMPLETE_UPDATE
- ctb_PRODUCTION
- LOADING
- PARTIAL_UPDATE

1.2 Resource assignment to item movement orders

A number of improvements - extensions have been implemented, regarding the new activation automation for item movement orders. In particular, the activation automation was modified in order to have the capacity to assign a resource the exact same way as in the other sub-systems (receipts and shipments).

As shown below, by going to the expected item movements menu and selecting the option to enable management in WMS (new), a pop up window is opens where it is possible to select the assignment to a resource and then enable.

This means we can now prevent too many users being involved when implementing processes in an installation.



The screenshot displays the 'Enable management in WMS (new)' window. At the top, there's a header bar with 'Pending item movements' and a search icon. Below this, a toolbar contains icons for reports, filters, and actions, along with buttons for 'Activate management in WMS' and 'Enable management in WMS (new)'. The 'Parameters' section includes fields for 'Depositor (Code)', 'Inactive Depositor', 'Document code', 'Received on', 'Issued on', 'Destination branch', 'Destination warehouse', 'Shipping method', and 'Route'. A table lists pending item movements with columns: Document code, Issued on, Source, Source W/H, Destination, target WH, Number of items, Number of lines, and Quantity (Service MU). The first row is selected, showing document code 'ΠΑΝ-1-00044', issued on '29/03/2021', source '3-ΥΠΟΚΑΤΑΣΤΗΜΑ Α', source W/H '3', destination '1-ΚΕΝΤΡΙΚΑ ΕΡΑΡΤ', and target WH '1'. Below the table, the 'Enable management in WMS (new)' form is visible, featuring a 'Basic' tab and fields for 'Assign in', 'Picking Grouping', 'Picking - target storage location', 'Package Optimization', 'Run On Time Replenishments', and 'Grouping per doc'. At the bottom right, there are 'Accept' and 'Cancel' buttons.

1.3 Extension of the receipt activation automation

In this version, extensions were made to the new automation of receipt activation, so that the user can group PPIs. This results in the creation of a common WP which is expected, instead of two different ones.

In more detail, the following images accurately illustrate an example of the complete process of activation from the new automation to the final stage of creating a common WP.

This implementation will especially assist customers who have large orders to manage and will now optimize the speed of processing their tasks without any unnecessary cyclical waiting times.

Expected receipts
Receipts monitoring
Requests by item
Actions by item

Reports
*Enable receipt in WMS (new)
Activate management in WMS

Parameters

Basic
All

Depositor (Code)
Inactive Depositor
Document code
Issued on
From 01/04/2025
Destination branch
1
Destination warehouse
Route

-	☐	Document code	Issued on	Received on	Alt. document	Alt. document date	Source	Number of items	Number of lines	Quantity (Service MU)	Shipping method
Destination: 1-KENTRIKA EAPAZ											
1-Assigned to WMS											
▶	☐	ENΦ-A-00679	05/05/2...	05/05/2025	05/05/...		SUP00005-S pare Parts S.A.	1	1	1.00	TRUCK
▶	☐	ENΦ-A-00680	05/05/2...	05/05/2025	05/05/...		SUP00005-S pare Parts S.A.	1	1	1.00	TRUCK

Destination: 1-KENTRIKA EAPAZ

Activate management in WMS

Basic
All

Assign in

Group by Supplier ☒
Group by Receipt Date ☒
Group by Transporter ☐
Group by Shipping Method ☐

Receipt date
05/05/2025

Target storage location

Package Optimization
No

Accept
Cancel

ected receipts

Receipts monitoring

Requests by item

Actions by item

Receipts monitoring  

ports

















































Assign receipt to resource

Complete administration in WMS

Fulfillment recall

Print receipt

imeters

sic

All

Receipt WP

Business unit

Document code

Destination branch

Destination warehouse

Shipping method

☐	-	WP	-	Business unit	Document code	Issued on	Received on	Alt. document	Relevant shipping orders	Alt. document date	Source	Shipping method	Transportation	Destination	Number of items	Number of lines
☐		WPRC PT-00385			ENΦ-A-00679	05/05/2025	05/05/2025			05/05/2025	SUP00005-Spare Parts S.A.	TRUCK		1-KENTRIKA EDPAS	1	
☐		WPRC PT-00385			ENΦ-A-00680	05/05/2025	05/05/2025			05/05/2025	SUP00005-Spare Parts S.A.	TRUCK		1-KENTRIKA EDPAS	1	

1.4 Support of Standalone Mode

The new version of WMS (.exe) supports a standalone mode, without the need to install ERP.

WMS can now:

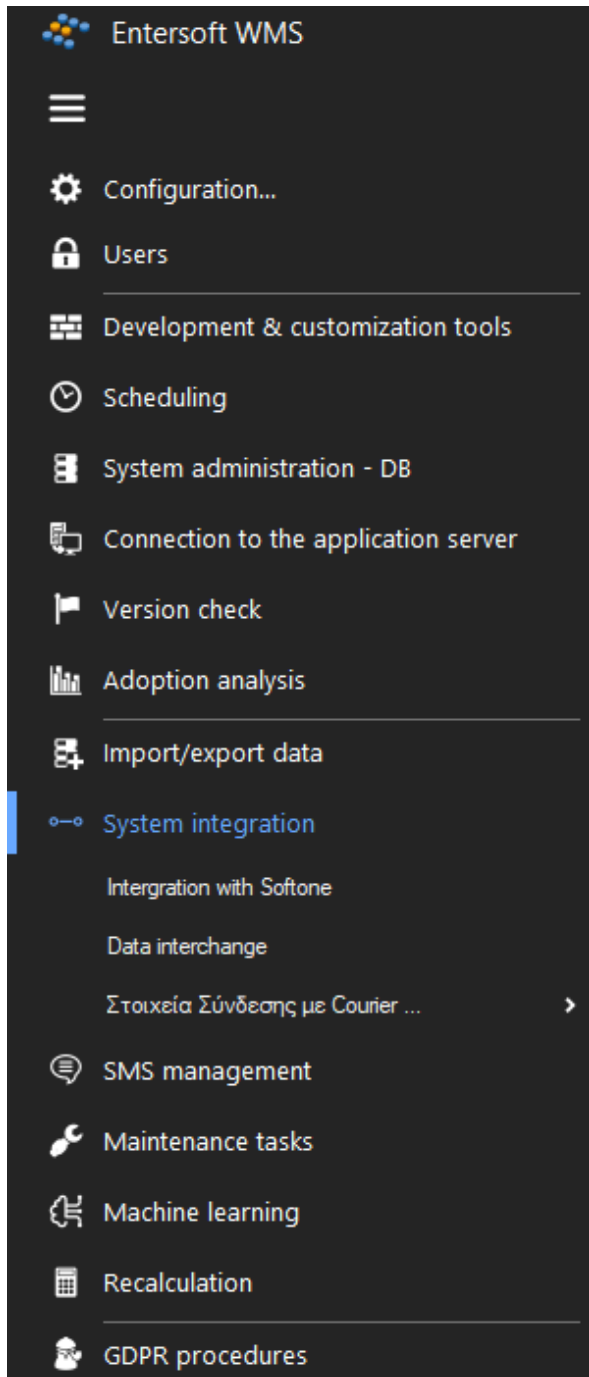
- Update the database itself
- Function as a fully autonomous application (standalone)

Enable Standalone Mode:

To enable the standalone mode, the WMS service must be run with variable Standalone=True.

1.5 SoftOne Interface

In this version, a new integration was implemented with SoftOne, providing a single environment for monitoring and managing the synchronization processes between the two systems.



The functionality is explained in detail in the relevant documentation titled *“SoftOne Interface”*.

2. WMS Mobile Extensions

2.1 Improvements in item weighing in various RF flows

In this version, improvements were implemented in the RF regarding item weighing in various flows. More specifically, the changes will optimize the whole process in the following flows:

1. Item movement with orders.
2. Ad hoc item movement
3. Inventory (counting) with plan.
4. Inventory (counting) without plan.

This means that all items that only have kg in the hierarchy, from now on will display the F5 option in the RF, in the corresponding flow menus for weighing. This is an improvement that concerns customers with the specific set-up of items and was deemed necessary that it can be implemented in these cases as well.

Changes have been made to implement the above in specific application (RF) files. More specifically, updates were made to:

1. The StockTransferRequests.xml file for the flow of item movement with orders.
2. The StockTransfer.xml file for the flow of Ad hoc item movement.
3. The StockImport.xml file for the flow of inventory (counting) with a plan.
4. The Stockimport.xml file for the flow of inventory (counting) without a plan.

Regarding item movement with orders, go to RF:

menu [5. ITEM MOVEMENT -> 1. WITH ORDERS](#) and after the steps of this flow are taken as they were being implemented so far, in the final step and after the item is confirmed, it is immediately possible to select with F5 the item weighing. This is something that did not exist before, namely the optimization that was implemented as explained in detail above.



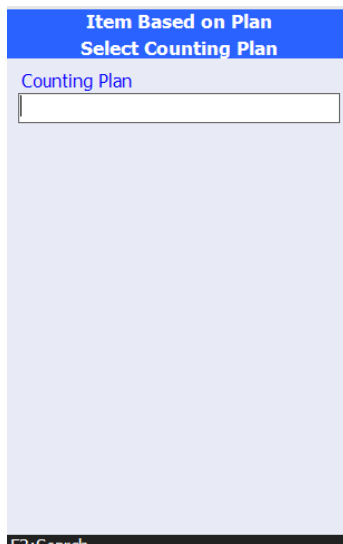
With regard to Ad hoc RF item movement:

In menu **5.ITEM MOVEMENT -> 2. AD HOC** and after the steps of this flow are taken as they were being implemented so far, in the final step and after the item is confirmed, it is immediately possible to select with F5 the item weighing.



In the case of inventory (counting) with plan in RF:

In menu **8.INVENTORY-> 1.BASED ON PLAN -> 2.ITEM** and after the steps of this specific flow are taken as they were being implemented so far, in the final step and after the item has been confirmed, it is immediately possible to select with F5 the item weighing.



In the latter case of inventory (counting) without plan in the RF:

In menu **8.INVENTORY -> 2.NO PLAN** and after the steps of this specific flow are taken as they were being implemented so far, in the final step and after the item has been confirmed, it is immediately possible to select with F5 the item weighing.



2.2 Receipt of Pack pallet from branch item movement

An extension was made to the RF concerning the ability to receive SSCC pallet with Pack SSCCs from branch item movement was implemented by scanning the SSCC pallet without confirmation - detailed counting of the SSCCs Pack contents.

The user will now be able to proceed via RF scanner to the actual receipt against the item movement note of the pallets and Pack SSCCs in another branch, receiving - confirming only the SSCCs of the pallets and not all.

The above extension will cover the needs of customers who have regular item movements between branches i.e. export from one warehouse and import to the other with two notes and not with one. Until today, when the stocks reached the opposite branch, the warehouse worker was asked to receive the pallets as well as the packs on the pallets.

However, manually receiving all the Pack SSCCs on the pallets one-by-one takes an incredible amount of time for the warehouse worker and does not ensure reliable receipt of the total stock. So, this is not an acceptable choice.

With the new implementation this no longer exists and the processes are carried out in the most modern way.

2.3 Nested containers extensions

This version supports the item movement and immediate import of 3-level (nested) Pack SSCC containers within Master Package SSCC nested in an SSCC Pallet in order to meet the needs of customers using nested containers.

2.4 Check for pallet transfer in gross pallet item movement

This functionality covers the need to carry out a container transfer check in the case of gross containers. To date, the container transfer rule (CCP) is not applicable when gross containers are involved, so the user is not asked if they want to also transfer the container.

For example:

Code SmirdexCCP
Description SmirdexCCP

Comment

Container - lines control policy

	SEQ.NO	Attribute	Integrity check level
1 ▶	0	STOCK_MOVEMENT	
*			

Container transfer rules

	SEQ.NO	Reference company	Template container percentage to be auto-transferred	Stock percentage to be auto-transferred	Container transfer question (in case no auto-transfer occurs)	Transfer to existing container	Auto home
1 ▶	0 001		100.000	100.000	Yes	Ask first	Yes
*							

If a gross pallet item is collected, then a message dialog will appear to confirm the pallet transfer.

In RF 5.ITEM MOVEMENT -> 1.WITH ORDERS

Im orders	Im orders WPSMOV-00030	Im orders WPSMOV-00030
Order WPSMOV-00030	Workpackage: WPSMOV-00030	W/H: 1 KENTRIKA ΕΔΡΑΣ
Target location 	From WH: 1 KENTRIKA ΕΔΡΑΣ	Location: STORAGE - Θεση Αποθεματων
Target SSCC 	From Storage location: STORAGE	To WH: 2 ΑΠΟΘΗΚΗ
Floor 	To WH: 2 ΑΠΟΘΗΚΗ	Item: smirdex - smirdex
	Def.Location: STORAGE	SSCC: 238012340000002461
	Item: smirdex - smirdex	Stock.: 72 CRT36
	Stock.: 72 CRT36	Pick.Bal.: 72 CRT36
	Pick.Bal.: 72 CRT36	To Pick.: 72 CRT36
	To Pick.: 72 CRT36	Confirm Item
	Location 	
	SSCC 	

F3:Search F1:Change F5:Cancel F2:Stock F3: F6:Adhoc/Order

If an ad hoc item movement is carried out, a message dialog will appear in this case to confirm the pallet transfer.

In RF 5.ITEM MOVEMENT -> 2.AD HOC

Item movement	Item movement Mixed container transfer	Item movement
SSCC 238012340000002461	1. ENTIRE	LOCATION: STORAGE - Θεση Αποθεματων
Location 	2. CONTENT	SSCC: 238012340000002461
Item 		Item smirdex

F3:Search

Item movement	
W/H.: 1	
LOCATION: STORAGE - Θέση Αποθεμάτων	
SSCC: 238012340000002461	
ITEM: smirdex - smirdex	
Stock.: 72 CRT36	
Available Stock. 0 CRT36	
Stock weight: 72 ΚΙΛ	
Quantity (CRT36):	72
Weight (ΚΙΛ)	0
Final Loc.	
SSCC	