

Entersoft WMS 5.7.0.0

Entersoft Business Suite® | Entersoft CRM® | Entersoft WMS®

New features and extensions

Contents

1.	WMS Back Office extensions	4
1.1	New replenishment plan feature	4
1.2	Improvements to the loading screen.....	5
1.2.1	Additional information per SO	5
1.2.2	New loading by automation	5
1.3	Stock movement with WH change by automation	6
1.4	New production documents feature	9
1.5	Grouping requests per item line.....	10
2.	WMS Mobile Extensions	11
2.1	Improvements to the sorting process.....	11
2.1.1	Change MU in shipment sorting	11
2.1.2	Remaining sorting quantity	11
2.1.3	Sorting optimization by item replacement.....	12
2.2	Ad hoc replenishment based on demand	14
2.3	Inventory taking per location and item	15
2.4	Receipt.....	17
2.4.1	Nested containers	17
2.4.2	Item receipt without barcode	17
2.5	Detailed packing	19
3.	WMS Touch applications extensions	20
3.1	C2C packing station - Touch mode feature	20
3.2	Packing Station.....	20
3.2.1	Item description and MU confirmation screen	20
3.2.2	Optimizing the item search process	21
3.2.3	Serial number identification as a lot.....	24
3.3	Receipt station - Continue receipt with quantity	24
3.4	Product station	26
3.4.1	Optimization of the production process	26
3.4.2	Various improvements in the production with weighing process	27

Brief description of version contents

A summary of the main version features. Next up, the full new features & improvements catalog is broken down per category, along with the use of instructions & examples, as appropriate.

Entersoft WMS Back Office

- New replenishment plan feature
- Additional information per SO on the loading screen
- New loading by automation
- Stock movement with WH change by automation
- New production documents feature
- Grouping requests per item line

Entersoft WMS Mobile

- Change MU in shipment sorting
- Remaining sorting quantity
- Sorting optimization by item replacement
- Ad hoc replenishment based on demand
- Inventory taking per location and item
- Receipt of nested containers
- Item receipt without barcode
- Detailed Packing

Entersoft WMS Touch

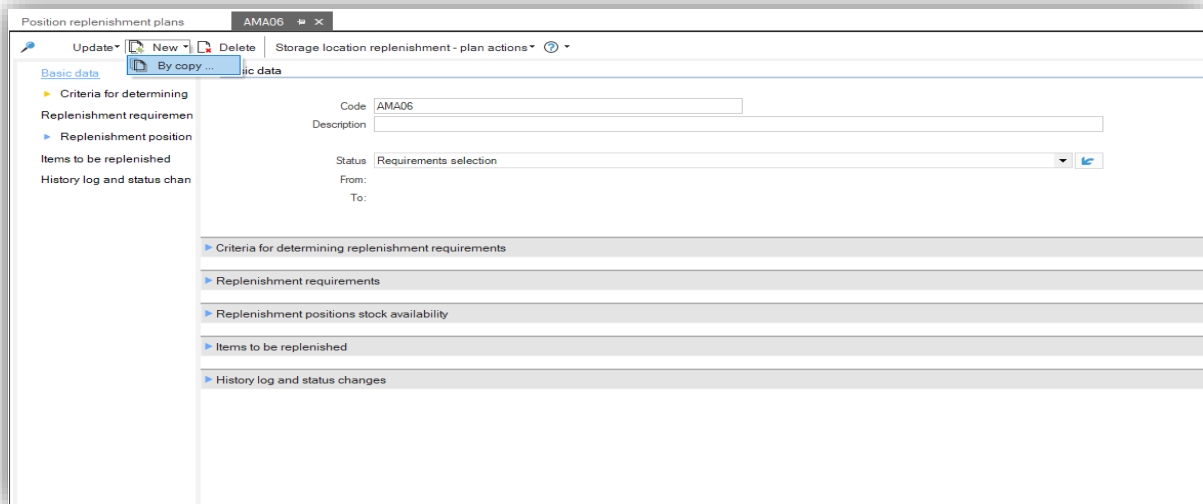
- C2C Packing station: Touch mode feature
- Packing station: Item description and MU confirmation screen
- Packing station: Optimizing the item search process
- Packing station: Serial number identification as a lot
- Receipt station: Continue receipt with quantity
- Product station: Optimization of the production process
- Product station: Various improvements in the production with weighing process

1. WMS Back Office extensions

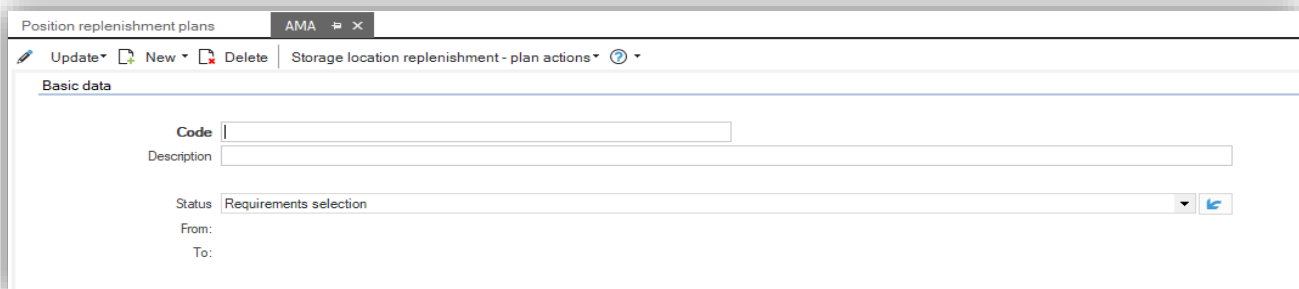
1.1 New replenishment plan feature

A new feature was added to the replenishment plan, specifically the off-time plan, where it is now possible to create New by copy.

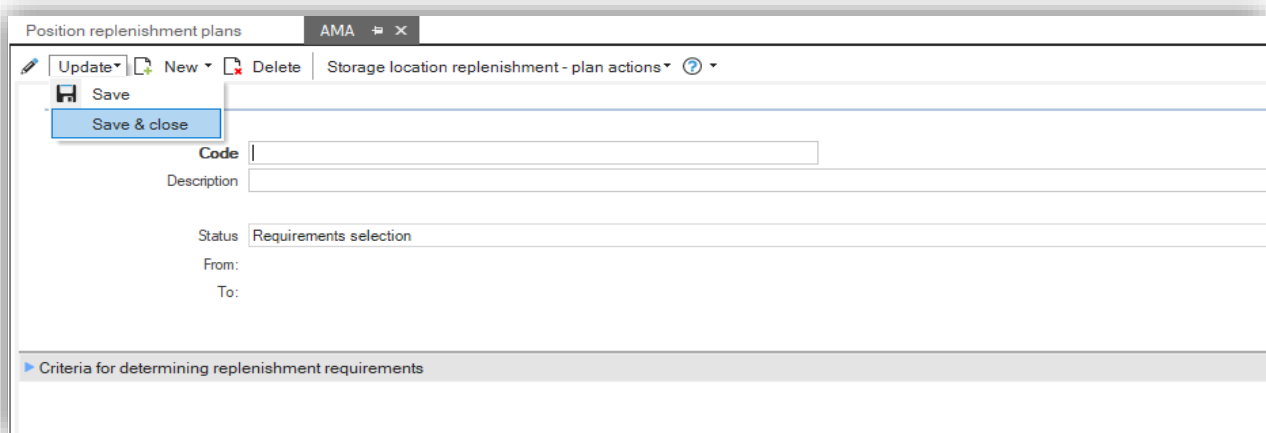
For example:



The screenshot shows the 'Position replenishment plans' form with the 'AMA06' tab selected. The 'Basic data' section is active, and the 'By copy' button is highlighted. The form includes fields for Code (AMA06), Description, Status (Requirements selection), From, and To. A sidebar on the left lists various criteria for determining replenishment requirements.



This screenshot shows the 'Position replenishment plans' form with the 'AMA' tab selected. The 'Basic data' section is active, and the 'Code' field is highlighted. The form includes fields for Code, Description, Status (Requirements selection), From, and To.



This screenshot shows the 'Position replenishment plans' form with the 'AMA' tab selected. The 'Basic data' section is active, and the 'Save' and 'Save & close' buttons are highlighted. The form includes fields for Code, Description, Status (Requirements selection), From, and To. A sidebar on the left lists various criteria for determining replenishment requirements.

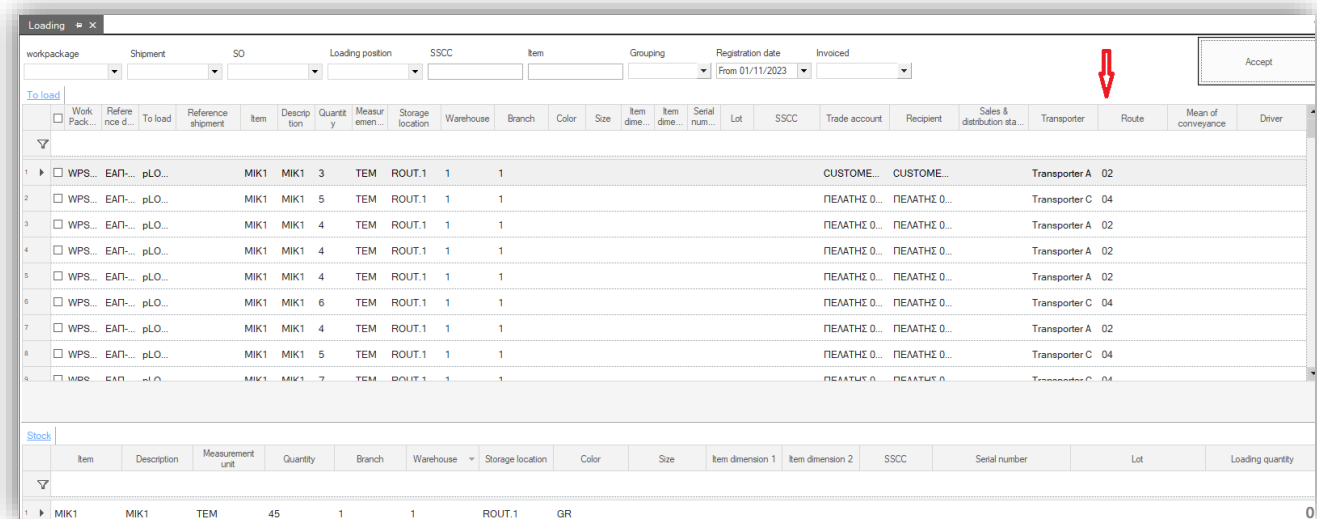
1.2 Improvements to the loading screen

Some general improvements were implemented with regard to the loading screen.

1.2.1 Additional information per SO

More information was added per SO in the Loading Screen. This meets the need for users to carry out better checks on the actions to be loaded (items). The information added is the following:

- Customer name (Trade account)
- Recipient
- Service stage (Invoicing)
- Lot Barcode
- Transporter
- Route
- Means of conveyance
- Driver



The screenshot shows the 'Loading' screen with a table of items to be loaded. The table has columns for various fields including Work package, Shipment, SO, Loading position, SSCC, Item, Grouping, Registration date, Invoiced, and various item details. A red arrow points to the 'Accept' button in the top right corner.

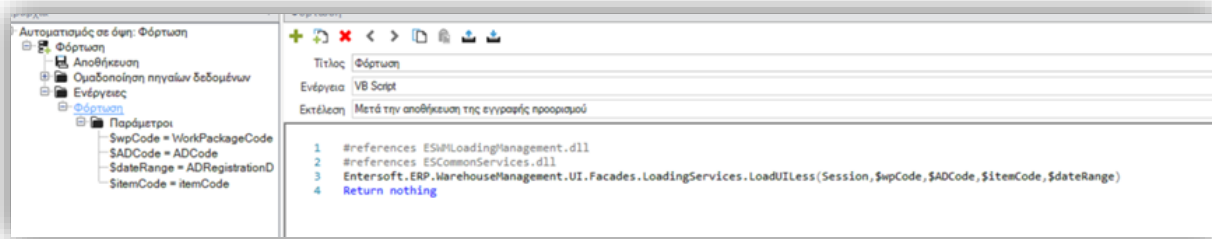
Work package	Shipment	SO	Loading position	SSCC	Item	Grouping	Registration date	Invoiced	Trade account	Recipient	Sales & distribution sta...	Transporter	Route	Mean of conveyance	Driver
WPS... EAP... pLO...		MIK1	MIK1	3	TEM	ROUT.1	1	1	CUSTOMER...	CUSTOMER...		Transporter A	02		
WPS... EAP... pLO...		MIK1	MIK1	5	TEM	ROUT.1	1	1	ΠΕΛΑΤΗΣ 0...	ΠΕΛΑΤΗΣ 0...		Transporter C	04		
WPS... EAP... pLO...		MIK1	MIK1	4	TEM	ROUT.1	1	1	ΠΕΛΑΤΗΣ 0...	ΠΕΛΑΤΗΣ 0...		Transporter A	02		
WPS... EAP... pLO...		MIK1	MIK1	4	TEM	ROUT.1	1	1	ΠΕΛΑΤΗΣ 0...	ΠΕΛΑΤΗΣ 0...		Transporter A	02		
WPS... EAP... pLO...		MIK1	MIK1	4	TEM	ROUT.1	1	1	ΠΕΛΑΤΗΣ 0...	ΠΕΛΑΤΗΣ 0...		Transporter A	02		
WPS... EAP... pLO...		MIK1	MIK1	6	TEM	ROUT.1	1	1	ΠΕΛΑΤΗΣ 0...	ΠΕΛΑΤΗΣ 0...		Transporter C	04		
WPS... EAP... pLO...		MIK1	MIK1	4	TEM	ROUT.1	1	1	ΠΕΛΑΤΗΣ 0...	ΠΕΛΑΤΗΣ 0...		Transporter A	02		
WPS... EAP... pLO...		MIK1	MIK1	5	TEM	ROUT.1	1	1	ΠΕΛΑΤΗΣ 0...	ΠΕΛΑΤΗΣ 0...		Transporter C	04		
WPS... EAP... pLO...		MIK1	MIK1	7	TEM	ROUT.1	1	1	ΠΕΛΑΤΗΣ 0...	ΠΕΛΑΤΗΣ 0...		Transporter C	04		

Below the table, there is a 'Stock' section with a table showing the current stock levels for the items.

Item	Description	Measurement unit	Quantity	Branch	Warehouse	Storage location	Color	Size	Item dimension 1	Item dimension 2	SSCC	Serial number	Lot	Loading quantity
MIK1	MIK1	TEM	45	1	1	ROUT.1	GR							0

1.2.2 New loading by automation

It is now possible to call the new loading by automation as follows:



ADCode> SO Document Code

ItemCode>Item Code

daterange>Loading Request Date

1 #references ESWMLoadingManagement.dll

2 #references ESCommonServices.dll

3Entersoft.ERP.WarehouseManagement.UI.Facades.LoadingServices.LoadUILess
(Session,\$wpCode,\$ADCode,\$itemCode,\$dateRange)

4 Return nothing

For example, it can be called as a CS automation in old loading views (loading based on requests, etc.).

1.3 Stock movement with WH change by automation

This change - improvement concerns stock movements via WH change from the Back Office (BO) automation. In the stock movement automation, from the ["Item Current Balance by Package and Dimension"](#) view, the WH declaration to the wizard (creation guide) is no more just an information field, but a field that participates in the WH declaration.

This will result in reduced chances of errors during stock movement via the specific automation and improve user experience. More specifically:

Item current balance by package and dimension

Current balance in Service MU. | Manage locations | Direct export | Item movement | Stock attribute | Manage packaging | Manage containers | Changes in stock | Reports | Automations

Parameters

Είδος αποθήκης: Θέση αποθήκευσης | Περιέκτης | Εταιρικές διαστάσεις | All

Item: BAL | Color: | Size: | Item dimension 1: | Lot: | Reservation reason: | Disposition reason: | Shortages / Surpluses: All

Location	Stock WH	Item code	Item description	Quantity	MU	Superior MU	Weight	Weight MU	Reservation reason	Disposition reason	Lot barcode	End date	Pallet Size
Site: (1) ΚΕΝΤΡΙΚΑ ΕΔΡΑΣ (Count: 1)													
1	S027P	(1) ΚΕΝΤΡΙΚΑ ΕΔΡΑΣ	BAL	10	TEM								

Direct export

- Change reservation reason
- Change disposition reason
- Unpack stock
- Repack stock
- Clear containers
- Item movement of pallets, packages and packagings
- Stock palletization...
- Change item and dimensions
- Change item dimensions (C/S/D1/D2/V)

Item current balance by package and dimension

Current balance in Service MU. | Manage locations | Direct export | Item movement | Stock attribute | Manage packaging | Manage containers | Changes in stock | Reports | Automations

Parameters

Είδος αποθήκης: Θέση αποθήκευσης | Περιέκτης | Εταιρικές διαστάσεις | All

Item: BAL | Color: | Size: | Item dimension 1: | Lot: | Reservation reason: | Disposition reason: | Shortages / Surpluses: All

Location	Stock WH	Item code	Item description	Quantity	MU	Superior MU	Weight	Weight MU	Reservation reason	Disposition reason	Lot barcode	End date	Pallet Size
Site: (1) ΚΕΝΤΡΙΚΑ ΕΔΡΑΣ (Count: 1)													
1	S027P	(1) ΚΕΝΤΡΙΚΑ ΕΔΡΑΣ	BAL	10	TEM								

Item movement of pallets, packages and packagings

Define item movement details

Basic | All

Quantity: 2.000000

To storage location: VAN001

Create requests: ☐

< Previous | Next > | Accept | Cancel

Item movement of pallets, packages and packagings

Confirm target location info (informative)

Location WH **100 ΔΕΣΜΕΥΜΕΝΑ ΕΔΡΑΣ** ...

Storage location branch 1 ΚΕΝΤΡΙΚΑ ΕΔΡΑΣ ...

Item current balance by package and dimension

Current balance in Service MU. Manage locations Direct export Item movement Stock attribute Manage pa

Parameters

Είδος αποθήκης Θέση αποθήκευσης Περιέκτης Εταιρικές διαστάσεις All

Item BAL ... Color ... Size ...

Lot ... Reservation reason ... Disposition reason ...

	Location	Stock WH	Item code	Item description	Quantity	MU	Superior MU	Weight	weight MU	Res
Site: (1) ΚΕΝΤΡΙΚΑ ΕΔΡΑΣ (Count: 2)										
1	S027P	(1) ΚΕΝΤΡΙΚΑ ΕΔ...	BAL	BAL	8	TEM				
2	VAN001	(100) ΔΕΣΜΕΥΜ...	BAL	BAL	2	TEM				

Item current balance by package and dimension

Actions by item

Parameters

Basic All

Depositor code ... Inactive ... Registration date 04/12/2023 ... Action type code ...

Action code ... Item code ... WP Code ... Document code ...

Request code ... Device code ... Resource code ... Request registration date Anything ...

Package SSCC ... Pallet SSCC ... Sorting container SSCC ...

	Ak.	WPs	Action status	Resource description	Action description	Action code	Start date	Completion date	Stock item	Action item quantity	MU	Update quantity (BMU)	Package SSCC	Pallet SSCC	Location	WH
1				Ολοκληρ...	Ενδοδιακι...	SMOV-01247	04/12/2023 13:40	04/12/2023 13:40	BAL (BAL)	2,000	TEM	2				

From: S027P | To: VAN001

This functionality is also available in the hotfix for versions 5.4.0.0, 5.5.0.0 and 5.6.0.0.

1.4 New production documents feature

This new functionality meets various needs in the production (and consumables) circuit, especially when creating documents related to orders that do not close within the same day.

More specifically, in cases of either partial update, or even completion of production and consumption, the documents created in ERP will be included in different PNCs/CONS, based on the date of the production actions, instead of a single document being created.

Production order monitoring

Actions by item

Parameters

Basic

Depositor code: ... Inactive: ... Registration date: Anything

Action code: ... Item code: ... WP Code: WPPRD-01757

Request code: ... Device code: ... Resource code: ...

Package SSCC: ... Pallet SSCC: ... Sorting container SSCC: ...

	Ak	WPs	Action status	Resource description	Action description	Action code	Start date	Completion date	Stock item	Action item quantity	MU	Update quantity (BMU)	Pe
1	WPPRD-01757	Ολοκληρ...	Αμύνη	Αμύνη	Παραγωγή	PROD-00683	10/01/2022 14:11	10/01/2022 14:11	PROD000001 (Παραγόμενο 00001)	(+) 10.000	TEM	10	
2	WPPRD-01757	Ολοκληρ...	Αμύνη	Αμύνη	Ανάληψη	CONS-00674	10/01/2022 14:11	10/01/2022 14:11	AMA01 (AMA01)	(-) 2.000	TEM	-2	
3	WPPRD-01757	Ολοκληρ...	Αμύνη	Αμύνη	Παραγωγή	PROD-01101	28/11/2023 14:07	28/11/2023 14:07	PROD000001 (Παραγόμενο 00001)	(+) 90.000	TEM	90	
4	WPPRD-01757	Ολοκληρ...	Αμύνη	Αμύνη	Ανάληψη	CONS-00906	28/11/2023 14:08	28/11/2023 14:08	AMA01 (AMA01)	(-) 15.000	TEM	-15	

Παρακολούθηση εντολών παραγωγής

Παραγωγή στο ERP

Ανάλυση στο ERP

ENT-Εντολή Παραγωγής

Απεκρίση Ιστορικού

Ενέργειες ανά είδος

Ανάρτηση παραλαβών από παραγωγή

Ανάρτηση αναλύσεων

Εκτύπωση*

Ενημέρωση παραγωγών στο ERP

Παράμετροι

Βασικές

Υπόμνημα - Κωδικός: 1

Ανακτή ποσότητα: 0

Παραλαμβάνονται ενέργειες που δεν υπάρχει δελτίο παραλαβής

Κατάσταση επεξεργασίας: Δέσμευση για επεξεργασία

Εντολή: ENT-1-00375

Αναζήτηση από (ημέρες πριν): 10

Εμφάνιση παρ/κών μετάβασης: Na

Ενημέρωση από: Τμηματικές παραλαβές

Υπόμνημα - Κωδικός: 001

	Υπόμνημα - Κωδικός	Εντολή	Ημ/νία εντολής	Κωδ. ενέργειας	Ημ/νία εγγραφής	Κωδ. είδους	Περ. είδους	ΜΜ ελπη...	ΜΜ Ενέργειας	Ανακτή ποσότητα	Ανακτή ποσ. BM	Ανακτή ποσ. Εισλ. MM	Παρ/κ. παραλαβής	Τύπος
1	149P	ENT-1-00375	10/1/2022	PROD-00683	10/1/2022	PROD000001	Παραγόμενο 0...	TEM	TEM	10.000000	10.000000	0.000000		Άλλο
2	149P	ENT-1-00375	10/1/2022	PROD-01101	28/11/2023	PROD000001	Παραγόμενο 0...	TEM	TEM	90.000000	90.000000	0.000000		Άλλο

Παρακολούθηση εντολών παραγωγής

Παραγωγή στο ERP

Ανάλυση στο ERP

ENT-Εντολή Παραγωγής

Απεκρίση Ιστορικού

Ενέργειες ανά είδος

Ανάρτηση παραλαβών από παραγωγή

Εκτύπωση*

Ενημέρωση αναλύσεων στο ERP

Παράμετροι

Βασικές

Υπόμνημα - Κωδικός: 1

Ανακτή ποσότητα: 0

Παραλαμβάνονται ενέργειες που δεν υπάρχει δελτίο παραλαβής

Κατάσταση επεξεργασίας: Δέσμευση για επεξεργασία

Εντολή: ENT-1-00375

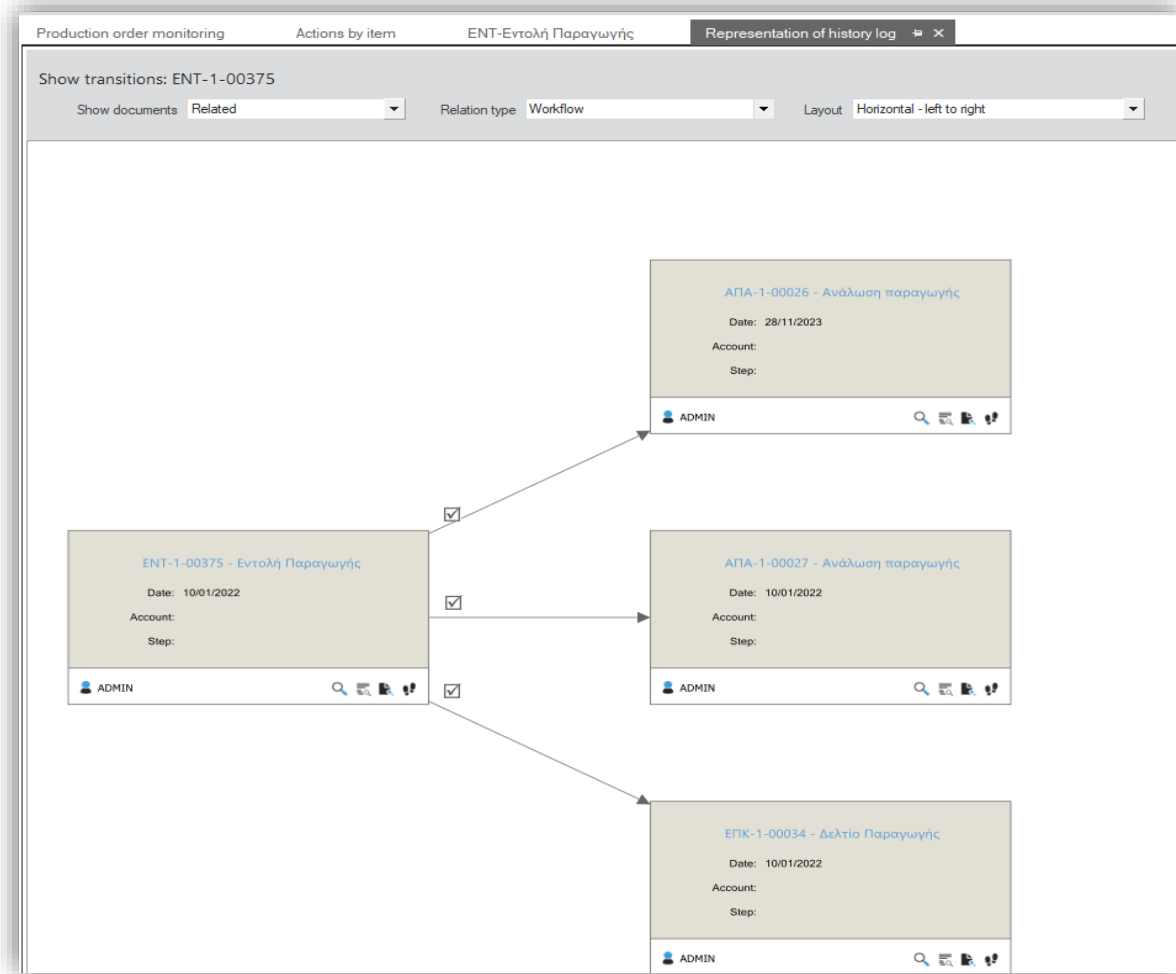
Αναζήτηση από (ημέρες πριν): 10

Εμφάνιση παρ/κών μετάβασης: Na

Ενημέρωση από: Τμηματικές παραλαβές

Υπόμνημα - Κωδικός: 001

	Υπόμνημα - Κωδικός	Εντολή	Ημ/νία εντολής	Κωδ. ενέργειας	Ημ/νία εγγραφής	Κωδ. είδους	Περ. είδους	ΜΜ ελπη...	ΜΜ Ενέργειας	Ανακτή ποσότητα	Ανακτή ποσ. BM	Ανακτή ποσ. Εισλ. MM	Παρ/κ. παραλαβής	Ποσότητα ενέργειας	Ποσ. ενέργειας
1	149C	ENT-1-00375	10/1/2022	CONS-006...	10/1/2022	AMA01	AMA01	TEM	TEM	2.000000	2.000000	2.000000		0.000000	2.000000
2	149C	ENT-1-00375	10/1/2022	CONS-009...	28/11/2023	AMA01	AMA01	TEM	TEM	15.000000	15.000000	15.000000		0.000000	15.000000



1.5 Grouping requests per item line

Respective to the picking parameters, parameters were added that define the fields by which receipt and stock movement requests are grouped.

Configuration				
General - Company parameters				
Parameters category	Parameter (description)	Parameter grouping	Parameter	P
647	Exclude Measurement Units from automatic proportional consumption based on produced quantity.	Completed	WMS_AutoConsumptionExcludedMeasureme...	
648	Exclude nested containers from the derived document update during Shipping Order Invoicing	Completed	WMS_INVOICING_EXCLUDE_NESTED_CONT...	False
649	Exclude zoned from automatic consumption	Completed	WMS_EXCLUDED_ZONES_FROM_AUT...	00
650	Failed to process initial shipping order after cancelling SO	Completed	WMS_PROCESS_FAILURE_SHIPMENT...	True
651	Field List for Item Movement Request Grouping	Completed	WMS_StockMoveRequestGroupingFields	0
652	Field List for Receipt Request Grouping	Completed	WMS_ReceiptRequestGroupingFields	0
653	Field of Trade Document line in which the number of additional days is declared as lot due date.	Completed	WMS_NumOfDaysToAddOnExpirationAs...	UDFValue
654	Fields list for Picking Requests Grouping	Completed	WMS_PickingRequestGroupingFields	1536

Field List for Item Movement Request Grouping > WMS_StockMoveRequestGroupingFields

Field List for Receipt Request Grouping > WMS_ReceiptRequestGroupingFields

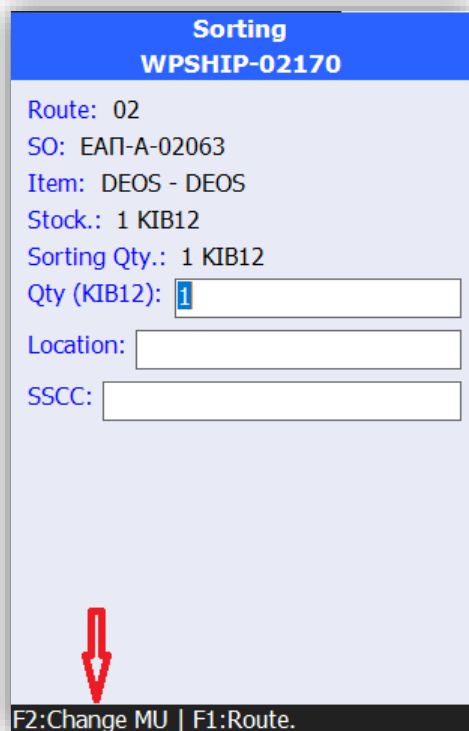
2. WMS Mobile Extensions

2.1 Improvements to the sorting process

2.1.1 Change MU in shipment sorting

The sorting process has been optimized by making it possible to change the item MU using F2 in RF, when sorting is being performed in a step that's independent from sorting.

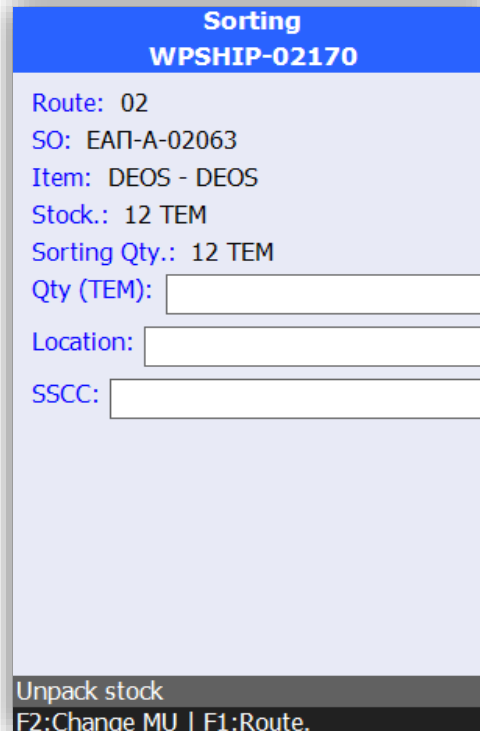
In RF, from menu [3.ORDERS>8.SORTING](#)



Sorting
WPSHIP-02170

Route: 02
SO: EAP-A-02063
Item: DEOS - DEOS
Stock.: 1 KIB12
Sorting Qty.: 1 KIB12
Qty (KIB12): 1
Location:
SSCC:

F2:Change MU | F1:Route.



Sorting
WPSHIP-02170

Route: 02
SO: EAP-A-02063
Item: DEOS - DEOS
Stock.: 12 TEM
Sorting Qty.: 12 TEM
Qty (TEM):
Location:
SSCC:

Unpack stock
F2:Change MU | F1:Route.

2.1.2 Remaining sorting quantity

With this addition, the system meets the user need to know the quantity required per order. In RF it's possible, when sorting is performed in a step that's independent from sorting and the MU is changed using F2, to continue displaying the requested sorting quantity on the next screen.

In RF, from menu [3.ORDERS>8.SORTING](#)

item_from_replace (item_from_replace)										
1	☒	WPSHIP-00496	Σε εξέλιξη	CPICK-00028	Αίτημα συλλογής	18/10/2023	15.000	TEM	15	Από: 1
2	☒	WPSHIP-00496	Σε εξέλιξη	pSORT-00016	Αίτημα διαλογής	18/10/2023	15.000	TEM	15	Από: 1

After picking the corresponding item from the RF, in menu

3.ORDERS>3. REAL TIME PICKING

then in requests by item:

item_from_replace (item_from_replace)											
▶	1	☐	WPSHIP-00496	Σε εξέλιξη	CPICK-00028	Αίτημα συλλογής	18/10/2023	15.000	TEM	0	From: 1
item_to_replace (item_to_replace)											
▶	2	☒	WPSHIP-00496	Σε εξέλιξη	pSORT-00016	Αίτημα διαλογής	18/10/2023	15.000	TEM	15	From: 1

The next step is to perform the sorting with the corresponding item from the RF, in menu

3.ORDERS>8. SORTING

Sorting
WPSHIP-00496
W/H: 1 KENTPIKA ΕΔΡΑΣ
Location: PCK02
Item: item_to_replace - item_to_replace
Stock.: 15 TEM
Sort.Bal.: 15 TEM (15 TEM)
Item

F1:Change | F2:Stock.

Sorting
WPSHIP-00496
Route:
SO: ΕΑΠ-KEN-A-00354
Item: item_to_replace - item_to_replace
Stock.: 15 TEM
Sorting Qty.: 15 TEM
Qty (TEM):
Location:
SSCC:
F2:Change MU | F1:Route.

Therefore, in actions by item, the following is now visible:

	Ak.	WPs	Action status	Resource description	Action description	Action code	Start date	Completion date	Stock item	Action item quantity	MU	Update quantity (BMU)	Package SSCC	Pallet SSCC	Location
1		WPSHIP-00496	Ολοκληρ...	admin	Συλλογή	PICK-00429	04/12/2023 14:59	04/12/2023 15:00	item_to_replace (item_to_replace)	15.000	TEM	15			From: 01.1.1.1 To: PCK02
2		WPSHIP-00496	Ολοκληρ...	admin	Διαλογή	SRT-00156	04/12/2023 15:00	04/12/2023 15:02	item_to_replace (item_to_replace)	15.000	TEM	15		In: 238012340000007886	From: PCK02 To: ROUT01

2.2 Ad hoc replenishment based on demand

This improvement concerns ad hoc demand-based replenishment with a nested container, where the items are found within a pallet and package container.

This version has improved the specific process of clearing the field, so that the nested container can be scanned directly and the external container scanned in the previous screen is not pre-populated. As a result, the movements required by the user will be reduced and the entire process will be faster.

. The above optimization concerns the RF and is as follows:

In, RF from menu:

3.ORDERS>6. REPLENISHMENT>3. AD HOC BASED ON DEMAND

Parameters															
Είδος αποθήκης		Θέση αποθήκευσης		Περιέκτης		Εταιρικές διαστάσεις		All							
Item		Multiple values		Color		Size		Item dimension 1		Item dimension 2					
Lot				Reservation reason		Disposition reason		Shortages / Surpluses		All					
	Location	Stock WH	Item code	Item description	Quantity	MU	Superior MU	Weight	weight MU	Reservation reason	Disposition reason	Lot barcode	End date	Pallet SSCC	Package SSCC
Site: (1) KENTRIKA ΕΔΡΑΣ (Count: 2)															
1	51100104	(1) KENTRIKA ΕΔ...	ROPE1	ROPE1	10	MET								252070110000006017	052070110000006020
2	51100104	(1) KENTRIKA ΕΔ...	ROPE2	ROPE2	20	MET								252070110000006017	052070110000006037

Adhoc replenishment based on demand

Customer

Order

Floor

Date

F3:Search

Adhoc replenishment based on demand

Item: ROPE1 - ROPE1
Stock.: 10 MET
Available Stock. 10 MET
Demand: 10 MET
SSCC

Location

F1:Change | F2:Stock.

Adhoc replenishment based on demand

Location: 51100104 - Ανατροφοδοσία adhoc
Item: ROPE1 - ROPE1
External SSCC: 25207011000000601
Stock.: 10 MET
Available Stock. 10 MET
To Pick.: 10 MET
SSCC

Confirm Item

F1:Change

Adhoc replenishment based on demand

Location: 51100104 - Ανατροφοδοσία adhoc
Item: ROPE1 - ROPE1
SSCC: 052070110000006020
External SSCC: 25207011000000601
Stock.: 10 MET
Available Stock. 10 MET
To Pick.: 10 MET
SSCC

Confirm Item

F1:Change

2.3 Inventory taking per location and item

A new feature was added to the inventory taking process, in terms of counting per location and item (WPCountSLItem).

In essence, the functionality that already existed in the recount has been expanded, so that it is now also implementable as a basic-initial inventory taking plan.

Entersoft WMS

Inventories Stock counting work packages list

Parameters

Inventory - code WP type code Stock counting - code

Code WP status Work package Barcode Description

WP type code (Search)

	Code	Description	Alternative description
1	WPCount	Work package καταμετρήσεων	Stock counting work package
2	WPCountFin	Work package οριστικοποίησης καταμετρήσεων	Stock counting finalization work package
3	WPCountItem	Work package καταμετρήσεων ανά είδος	Stock counting work package per item
4	WPCountSLItem	Work package καταμετρήσεων ανά θέση & είδος	Stock counting work package per storage location & item

Number of entries: 4 (Selected: 1)

Accept Cancel

Inventories Stock counting work packages list

Stock counting finalization WP Opening entries: WFLInv-00059 (Αρχική)

General data

Code WFLInv-00059

Description Stock counting work package per storage location & item

Distribution point 1 KENTRIKA ΕΔΡΑΣ

Company 001

Scheduling data

Status Αρχική

Planned start date 24/11/2023

Planned end / /

Actual start / /

Actual end / /

Created by ADMIN

Created on 24/11/2023

Last modified by

Last modified on / /

Stock counting WP

Parameters

Code

Accept

	SEQ. NO	Code	Barcode	Description	Alternative description	Stock counting - status	Stock counting indicator
1	0	WPCLIT-00078	7660	Work package καταμετρήσεων ανά θέση & ...		Αρχική	✓

Preview

Quantitative overview

Stock counting finalization WP

Parameters

Code

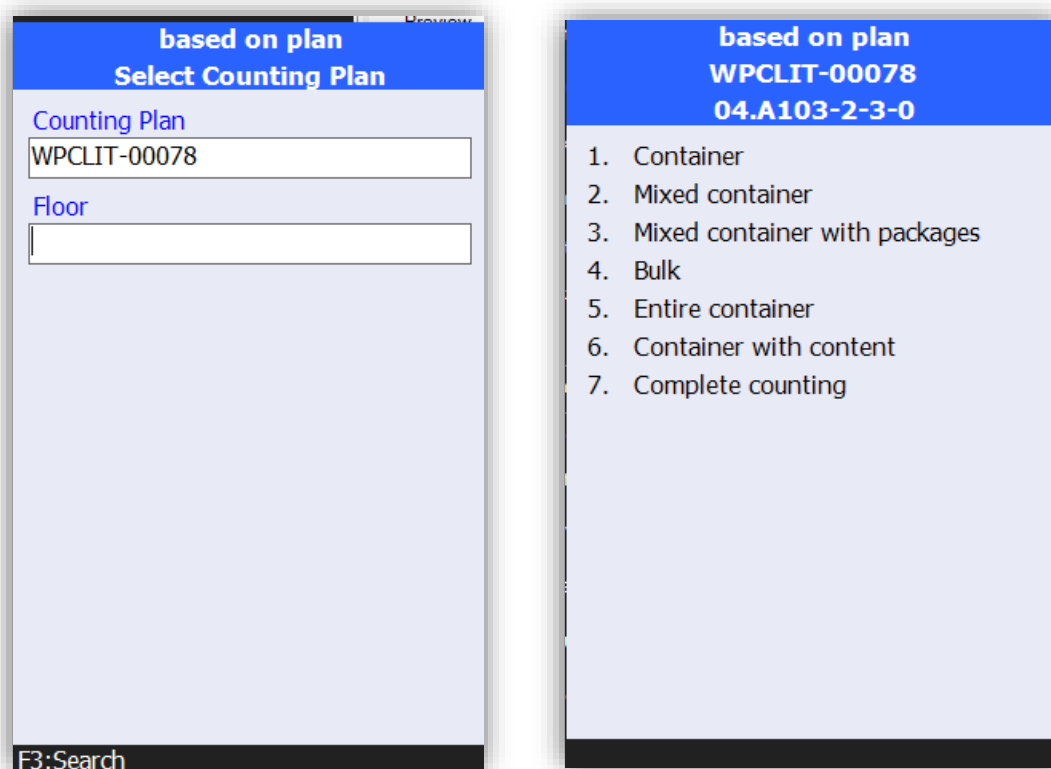
Accept

	Stock counting finalization status	Code	Barcode	Description	Alternative description
1	Αρχική	WPCNTF-00023	7661	Work package οριστικοποίησης καταμετρήσεων	

In, RF from menu:

8. INVENTORY> 1. BASED ON PLAN> 1. LOCATION

and then proceed as follows:



based on plan

Select Counting Plan

Counting Plan

WPCLIT-00078

Floor

F3:Search

based on plan

WPCLIT-00078

04.A103-2-3-0

1. Container
2. Mixed container
3. Mixed container with packages
4. Bulk
5. Entire container
6. Container with content
7. Complete counting

This feature is also available in the hotfix of version 5.6.0.0.

2.4 Receipt

2.4.1 Nested containers

In this version, specific changes were made regarding the receipt of nested containers, particularly in printing. From now on, upon receiving nested containers, printing will be invoked when closing an inner container and not the outer container, as has been the case so far.

2.4.2 Item receipt without barcode

Essentially, this meets the need that arises when receiving items without a barcode, searching for an item using F3, to ask the user to select the desired receipt MU from the packaging hierarchy of the item (with parameter [RCPT_USE_REQITEM_MU](#) disabled).

Until now, this was only possible by scanning the item code, but now all receipts with items without barcode, processed exclusively using F3, will be implementable through this feature.

Parameter:

```
<Set Property="RCPT_USE_REQITEM_MU" Value="False" />
```

In, RF from menu:

3.IMPORTS>1. RECEIPT >4. PACKAGING and then

Using F3 in the item search field we get:

Receipt requests

Receipt code
WPRCPT-00031

Location
RIN01

F3:Search

Receipt requests

WPRCPT-00031

LOCATION: RIN01 - Ράμπα παραλαβ

Item

INSERT ITEM
F3:Search

Receipt requests

Item: 00-11-50

Desc.: 00-11-50

W/H: 1

PROFORMA QTY: 0/8 ΚΙΑ

Receipt requests

WPRCPT-00031

1. ΚΙΒ
2. ΚΙΑ

This feature is also available in hotfix of version 5.6.0.0.

2.5 Detailed packing

This concerns improvements related to the process of checking open requests in the detailed Packing from the RF.

In RF, from menu:

3.ORDERS>9.PACKING

Packing

Order
WPSHIP-02162

Packing Location
PACK01

Target Location
ROUT.1

Target SSCC

picking container

F1:New container

Packing

WPSHIP-02162

Pack. location.: PACK01
Final location: ROUT.1
SSCC:
Item

F3:Search | F1:Container stock

Select Item

WPSHIP-02162

1 of 5

Item: IMP26863
W/H: 1
QTY: 1 TEM

F5:Cancel

Packing

WPSHIP-02162

Location: PACK01
W/H: 1 KENTRIKA ΕΔΡΑΣ
Item: IMP26863
Pack.: 0/1 TEM

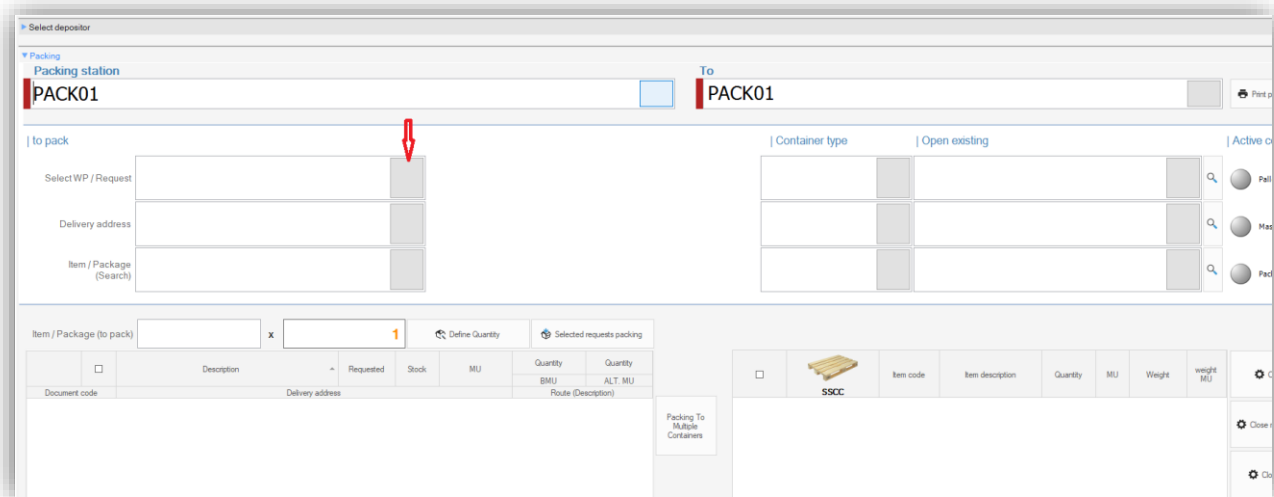
Quantity (TEM):

Target SSCC

3. WMS Touch applications extensions

3.1 C2C packing station – Touch mode feature

In the search fields (either using F3 or Shift+F3) of the C2C Packing station form, fields were added that perform the search by being pressed. This functionality serves the full touch mode, although it is also available in a keyboard environment.



The screenshot shows the 'Packing station' form. At the top, there are fields for 'From' (PACK01) and 'To' (PACK01). Below these are sections for 'to pack' and 'Container type'. The 'to pack' section has fields for 'Select WP / Request', 'Delivery address', and 'Item / Package (Search)'. A red arrow points to a search button on the 'Item / Package (Search)' field. Below this is a table with columns: Document code, Description, Delivery address, Requested, Stock, MU, Quantity, and Weight. The table is currently empty. To the right of the table is a section for 'Selected requests packing' with a 'Define Quantity' button. Below this is a table with columns: Item code, Item description, Quantity, MU, Weight, and weight MU. The table is currently empty. At the bottom right, there are buttons for 'Packing To Multiple Containers', 'Close', and 'Cancel'.

Code	Description
WPSHIP-02190	Work package αποστολών
WPSHIP-02191	Work package αποστολών
WPSHIP-02192	Work package αποστολών
WPSHIP-02193	Work package αποστολών
WPSHIP-02195	Work package αποστολών
WPSMOV-00001	Work package ενδοδιακινήσεων
WPSMOV-00002	Work package ενδοδιακινήσεων
WPSMOV-00003	Work package ενδοδιακινήσεων

Number of entries: 73.683 (Selected: 1)

Accept Cancel

3.2 Packing Station

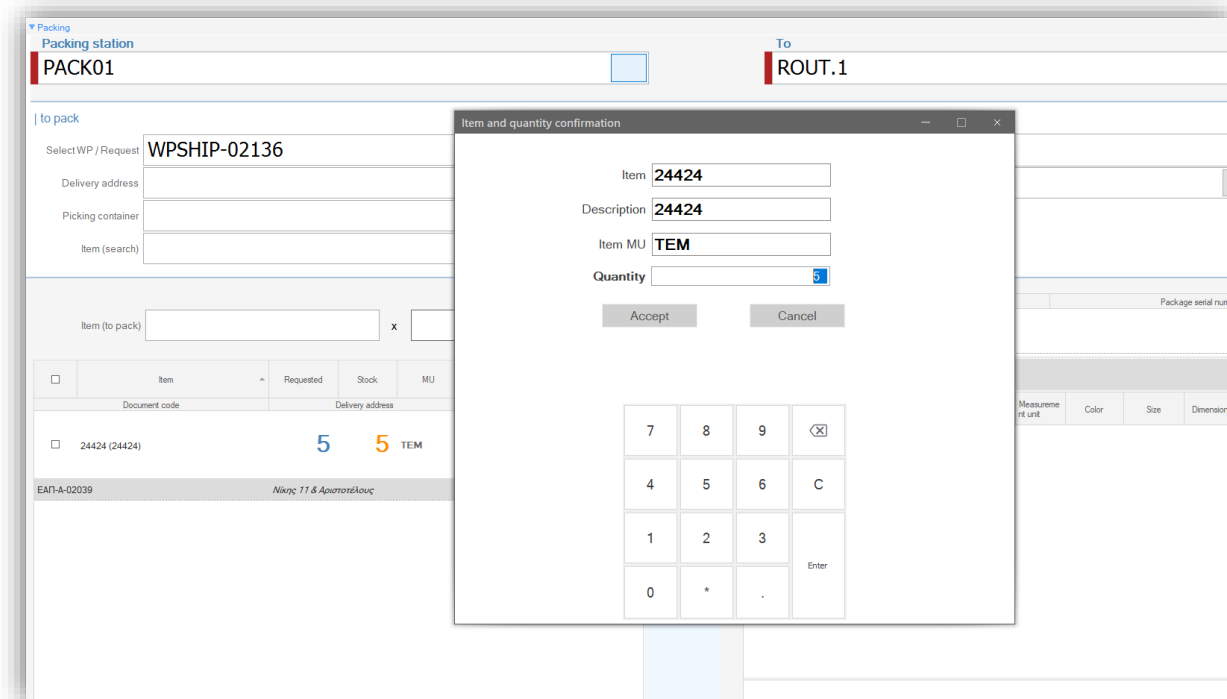
3.2.1 Item description and MU confirmation screen

The extension concerns an already existing functionality, and the case where the parameter in file ES00KioskParams has a value of 2:

[INPUT_QTY_DEFAULT_VALUE_BASED_ON_PACK_REQUESTS](#)

Note that in this case, when an item for packing with a quantity of requests > 1 is scanned, then a quantity confirmation screen is displayed with the total amount of item requests scanned as the default quantity.

A new screen was created, where the user has the ability to not only see what item has been scanned and confirm the quantity as was possible so far, but also check the item description and its MU, effectively eliminating error margins.



The same solution was implemented even when an item is selected from packing requests (without any scanning).

This functionality is also available in hotfix of versions 5.4.0.0, 5.5.0.0 and 5.6.0.0.

3.2.2 Optimizing the item search process

In this case, the Packing Station user experience has been improved by optimizing the execution time of the process by the user, even when there is a large volume of orders. In this version, when searching by item or scanning a picking container, after closing the package the screen no longer displays all open requests (items) for packing.

This improvement results in everything being implemented even faster and without delays, especially in cases of very high volume orders. This feature was already available in WP searches.

- Selecting a WP:

Packing station **PACK01** **To ROUT.1** [Print progress report](#)

| to pack **| Packing attributes**

Select WP / Request: **WPSHIP-02171** [Work package anotoAew](#)

Delivery address:

Picking container:

Item (search):

Container type: **PACK01** [Select existing package \(open\)](#) [Container contents](#)

Item (to pack): x [Define Quantity](#)

Item	Requested	Stock	MU	Color	Size
Document code	Delivery address	Dimension 1	Dimension 2	Route (Description)	
Packing To Multiple Containers Bulk packing of same requests (n>1) Differences in stock to packing					

Package type	Package	Package serial number							
PACK01	0000004925	052070110000044336							
PACK01: 0000004925 SSCC: 052070110000044336 Shipping address: 1Hpmklnlv 336 (EAT-A-02064) (ROUTE: ... DRIVER: ...)									
S E Q	Item	Description	Quantity	Measureme nt unit	Color	Size	Dimension 1	Dimension 2	Serial number
2	PAPPAS2	PAPPAS2	10	TEM					
1	PAPPAS	PAPPAS	15	TEM					

[Close pack with all entry](#) [Delete](#)

Packing station **PACK01** **To ROUT.1** [Print progress report](#)

| to pack **| Packing attributes**

Select WP / Request:

Delivery address:

Picking container:

Item (search):

Container type: **PACK01** [Select existing package \(open\)](#) [Container contents](#)

Item (to pack): x [Define Quantity](#)

Item	Requested	Stock	MU	Color	Size
Document code	Delivery address	Dimension 1	Dimension 2	Route (Description)	
Packing To Multiple Containers Bulk packing of same requests (n>1) Differences in stock to packing					

Package type	Package	Package serial number							
PACK01: 0000004925 SSCC: 052070110000044336 Shipping address: 1Hpmklnlv 336 (EAT-A-02064) (ROUTE: ... DRIVER: ...)									
S E Q	Item	Description	Quantity	Measureme nt unit	Color	Size	Dimension 1	Dimension 2	Serial number

- Searching by item:

Packing station **PACK01** **To ROUT.1** [Print progress report](#)

| to pack **| Packing attributes**

Select WP / Request:

Delivery address:

Picking container:

Item (search): **PAPPAS**

Container type: **PACK01** [Select existing package \(open\)](#) [Container contents](#)

Item (to pack): x [Define Quantity](#)

Item	Requested	Stock	MU	Color	Size
Document code	Delivery address	Dimension 1	Dimension 2	Route (Description)	
☐ PAPPAS (PAPPAS)		15	15	TEM	
Packing To Multiple Containers Bulk packing of same requests (n>1) Differences in stock to packing					

Package type	Package	Package serial number							
PACK01: 0000004925 SSCC: 052070110000044336 Shipping address: 1Hpmklnlv 336 (EAT-A-02064) (ROUTE: ... DRIVER: ...)									
S E Q	Item	Description	Quantity	Measureme nt unit	Color	Size	Dimension 1	Dimension 2	Serial number

EAT-A-02064 Hpmklnlv 336

Packing station **PACK01** **To** **ROUT.1**

| to pack

Select WP / Request

Delivery address

Picking container

Item (search)

| Packing attributes

Container type **PACK01**

Select existing package (open)

Item (to pack) x **1** Define Quantity

Item	Requested	Stock	MU	Color	Size
Document code		Delivery address		Dimension 1	Dimension 2
Route (Description)					

Packing To Multiple Containers

Bulk packing of same requests (n>1)

Differences in stock to packing

Package type	Package	Package serial number
Item	Description	Quantity
Measure	Unit	Color
Size	Dimension 1	Dimension 2
Serial number		

- Scanning a picking container:

Packing station **PACK01** **To** **ROUT.1**

| to pack

Select WP / Request

Delivery address

Picking container **052070110000044060**

Item (search)

| Packing attributes

Container type **PACK01**

Select existing package (open)

Item (to pack) x **1** Define Quantity

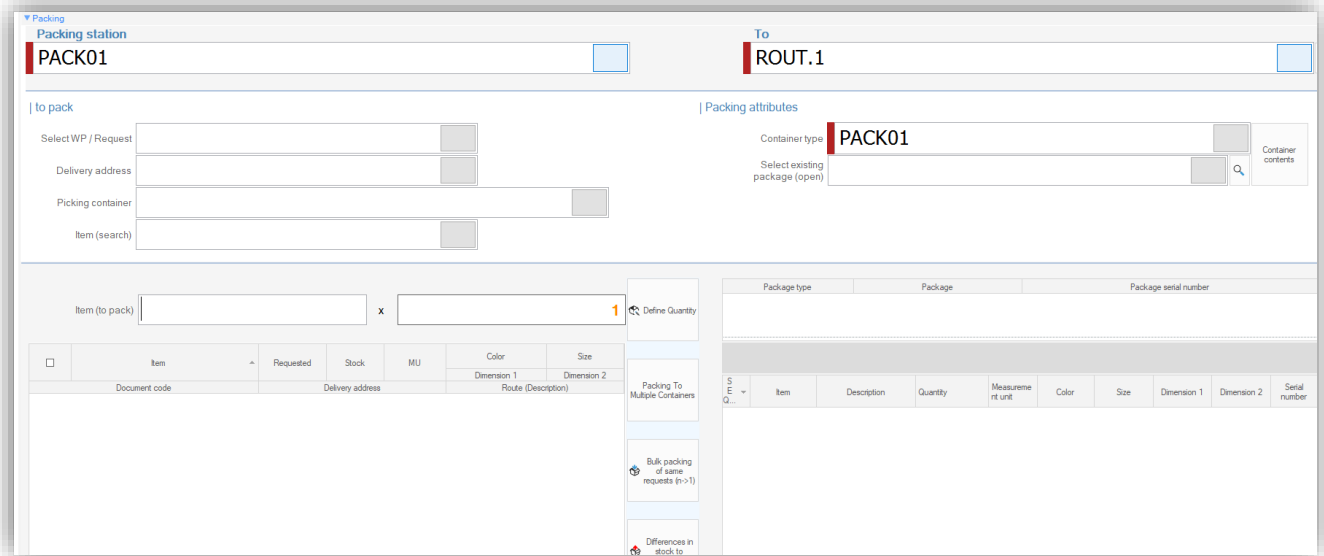
Item	Requested	Stock	MU	Color	Size
Document code		Delivery address		Dimension 1	Dimension 2
Route (Description)					

Packing To Multiple Containers

Bulk packing of same requests (n>1)

Differences in stock to packing

Package type	Package	Package serial number
Item	Description	Quantity
Measure	Unit	Color
Size	Dimension 1	Dimension 2
Serial number		



This functionality is also available in the hotfix of versions 5.4.0.0, 5.5.0.0 and 5.6.0.0.

3.2.3 Serial number identification as a lot

Added a new parameter with default value False, for serial number identification as a lot in the Packing Station, as is the case in RF.

[SERIAL_NUMBER_AS_LOT_BARCODE](#)

This functionality is also available in the hotfix of versions 5.3.0.0, 5.3.0.0, 5.5.0.0 and 5.6.0.0.

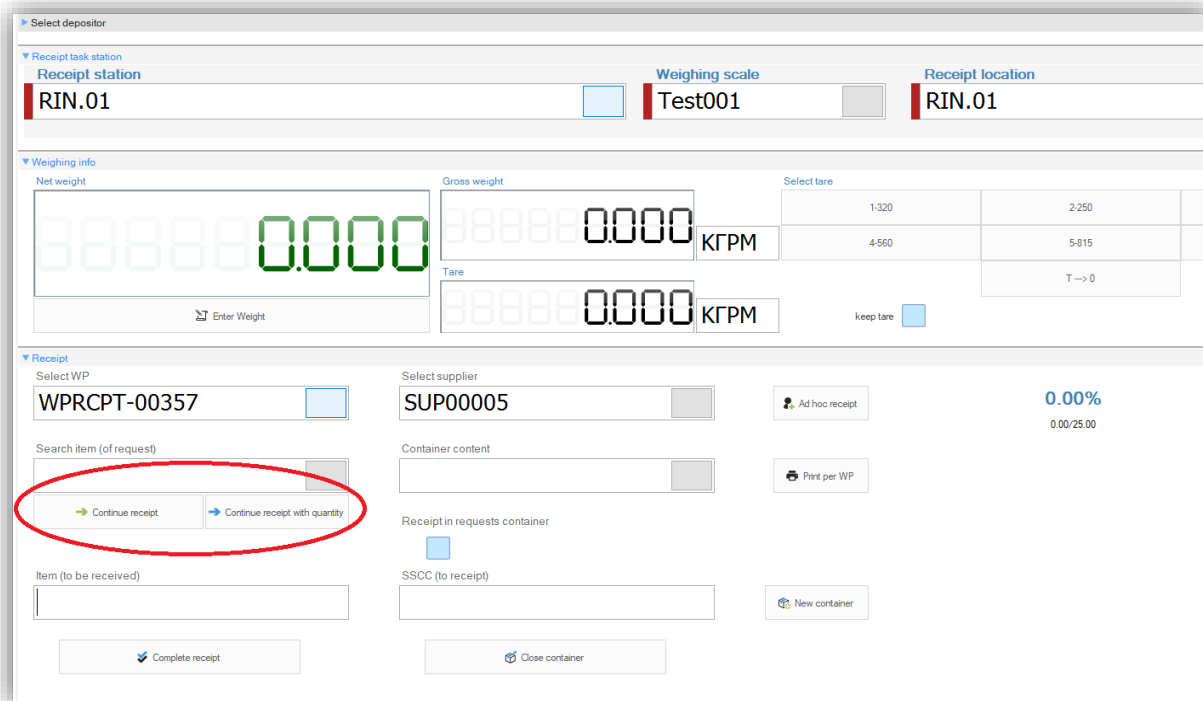
3.3 Receipt station - Continue receipt with quantity

In this version, the feature concerning receipt continuation in the Receipt Station was expanded, in order to also enable continuation with quantity.

Now, by enabling parameter:

[KEEP_SELECTED_ITEM_CODE](#)

Now, the following extension will be in force:

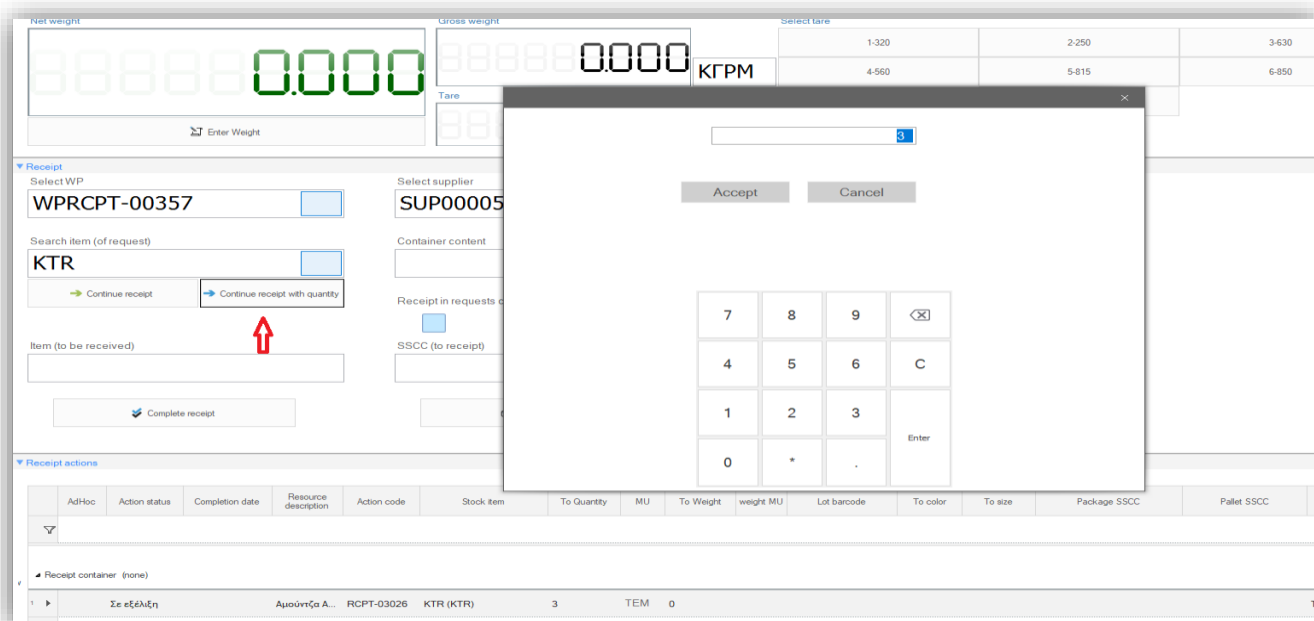


The screenshot shows the 'Select depositor' section with 'Receipt station' set to 'RIN.01', 'Weighing scale' set to 'Test001', and 'Receipt location' set to 'RIN.01'. The 'Weighing info' section displays 'Net weight' and 'Gross weight' both at '0.0000 KGPM'. The 'Receipt' section shows 'Select WP' as 'WPRCPT-00357' and 'Select supplier' as 'SUP00005'. The 'Continue receipt with quantity' button is highlighted with a red circle.

As shown in the image above, next to the already existing button "Continue Receipt", button "Continue Receipt with Quantity" will also appear.

Its functionality is very simple. Each time the user selects the item to be received with the desired quantity, by simply pressing the button "Continue receipt with Quantity" the receipt will continue by displaying a dialog box, where the quantity from the previous action will be populated. If the user wishes, they can change it and add a different one.

Example as follows:



The screenshot shows the 'Continue receipt with quantity' dialog box. The dialog box contains a numeric keypad with digits 0-9, a decimal point, and a 'C' (clear) button. There are also 'Accept' and 'Cancel' buttons. The background shows the 'Continue receipt with quantity' button being clicked, indicated by a red arrow.

This feature is also available in hotfix of version 5.6.0.0.

3.4 Product station

3.4.1 Optimization of the production process

When the printing process is called upon receipt completion from the Product Station, it is no longer possible to press the “Submit production and complete” button a second time, until the printing is completed.

In other words, there is virtually no room for error now, in cases where the button was mistakenly pressed several times by users and could create a) double actions and B) error in the Product Station.

Therefore, this improvement will now act as a safety valve to the above behavior, that was observed mainly in touch screens.

Production working station

Weighing station

PROD

Weighing scale

Production location

PROD

Production date

11/04/2023

Submit weighing measurements

Net weight

888880.0000

Enter Weight

Gross weight

888880.0000

GP

Tare

888880.0000

GRAM

Select tare

1-320	2-250	3-630
4-560	5-815	6-850
T=0		

keep tare

Submit production

WP

WPPRD-01868

Work package διακινήσεων παραγωγής

search for WP

To

Palletization template

Select container category

Item

rol

rol

Search for item

0.00%

0.00/10.00

Reprint last container

0.00%

Specify reservation reason

Template container

PACK01

1 KI

Selected container type

PACK01

Packaging

KI

Packaging (search)

x

1

252070110000044

New container

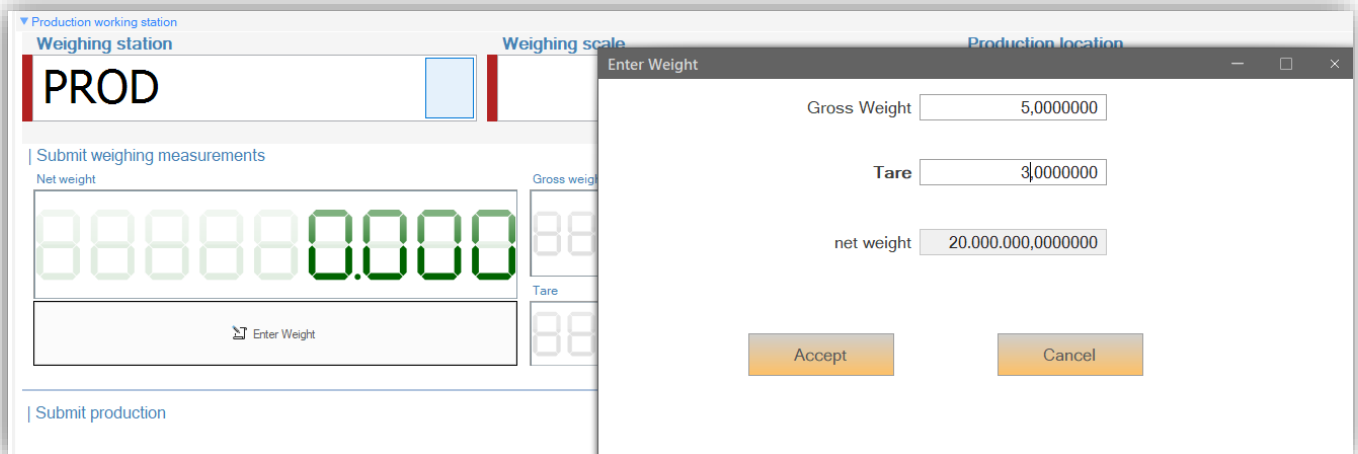
Close container

Submit production and Complete

Several optimizations were implemented in the version. In cases of installations with a weighing system, this was done to avoid possible errors or even hard-to-understand messages that would appear in the Product Station with weighing during the production process. More specifically, towards the end of the process, by pressing the button "Submit production and Complete".

The production process is implemented in an improved manner, without delays, as there will no longer be obstructive messages. For example, messages of weight change, in cases when users step on the boxes (located on the weighing scale) to seal them.

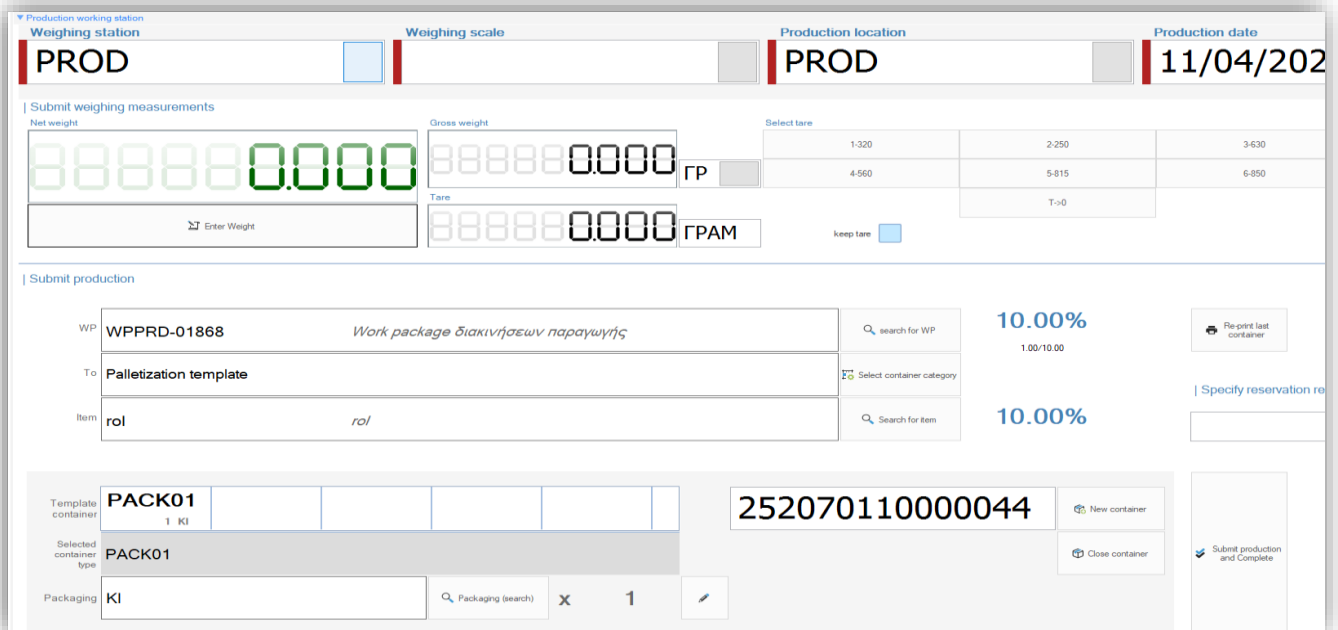
In addition, the improvements implemented concern and extend more generally to the Product Station. For example, when entering weight where the chances of errors have been eliminated. It's evident that the application experience is evolving and changing for the better.



The screenshot shows the 'Weighing station' interface with a modal dialog titled 'Enter Weight'. The dialog contains the following fields and buttons:

- Gross Weight:** 5,0000000
- Tare:** 3,0000000
- net weight:** 20.000.000,0000000
- Buttons:** Accept, Cancel

The background interface shows the 'PROD' status, a 'Submit weighing measurements' button, and a large digital display showing '0.0000'.



The screenshot shows the main 'Weighing station' interface with the following sections:

- Header:** Weighing station, Weighing scale, Production location (PROD), Production date (11/04/2022).
- Submit weighing measurements:**
 - Net weight:** 0.0000
 - Gross weight:** 0.0000
 - Tare:** 0.0000
 - Buttons:** Enter Weight
- Submit production:**
 - WP:** WPPRD-01868 (Work package διακίνησης παραγωγής)
 - To:** Palletization template
 - Item:** rol (rol)
 - Search buttons:** search for WP, Select container category, Search for item
 - Percentage:** 10.00% (1.00/10.00)
 - Buttons:** Re print last container, Specify reservation re
- Template container:** PACK01 (1 KI)
- Selected container type:** PACK01
- Packaging:** KI (Packaging search) x 1
- Barcode:** 252070110000044
- Buttons:** New container, Close container, Submit production and Complete

This functionality is also available in hotfix of versions 5.4.0.0, 5.5.0.0 and 5.6.0.0.