

myWMS-LOS Example

This example describes how a simple process is performed with myWMS LOS. The data can be generated when you first start the system.

On the basis of a fictitious company, an online company for office supplies, we describe the process from advice to shipping.

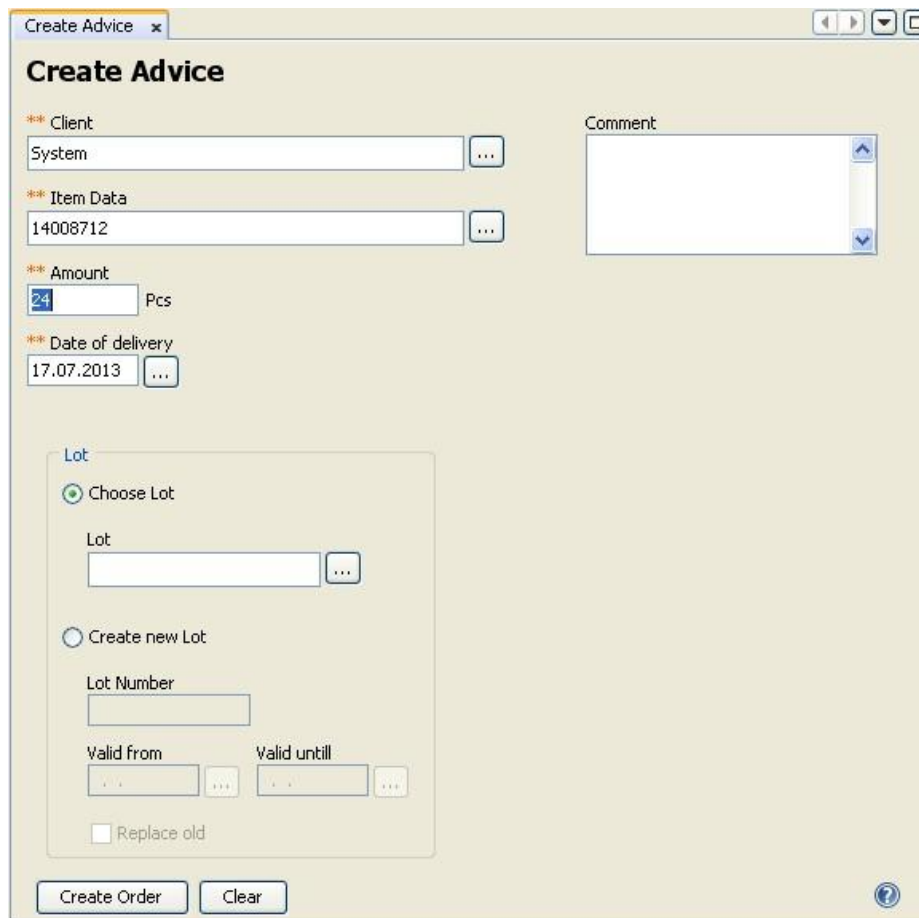
- Order processing is controlled by the purchase department, sales department and warehouse.
- The purchase department, represented by Mrs. Bright, orders goods and advises them.
- The sales department, represented by Mr. Black, takes orders from clients and forwards them to the warehouse.
- The warehouse, managed by the warehouseman Klaus, organises the receiving, warehousing, picking and shipping.

In this example, Mrs. Bright from the purchasing department orders 24 laser printers. The process is explained step by step from advice to shipping.

1. Create Advice

Mrs. Bright from the sales department is reported to drop below a minimum stock level of laser printers by the warehouse management system myWMS LOS. Therefore she ordered 24 laser printers and receives the delivery date to 15/07/2013.

To capture this process in the warehouse management system myWMS LOS she creates an advice. For creating the advice Mrs. Bright opens the myWMS LOS Client and selects the menu item **Window** and the sub-item **create Advice**.



In the field **Client** she selects the client for which the delivered goods are determined. In this example, we do not elaborate on the functions with several clients and therefore leave the selection principle on „**System**“.

Mrs. Bright chooses the item number 14008712 by using the selection box (...). In the selection dialog she can select the right product with the help of various filters and sorting criteria.

Mrs. Bright enters the ordered number of 24 devices. The item unit is automatically displayed by the system. Since this article is piece goods “**pc**” is displayed. The delivery date can also be specified by a selection box.

Since she does not know the production lot from the laser printers, Mrs. Bright leaves this field empty. The lot can be added during the process of goods receipt, if this is apparent on the accompanying document.

2. Goods Receipt

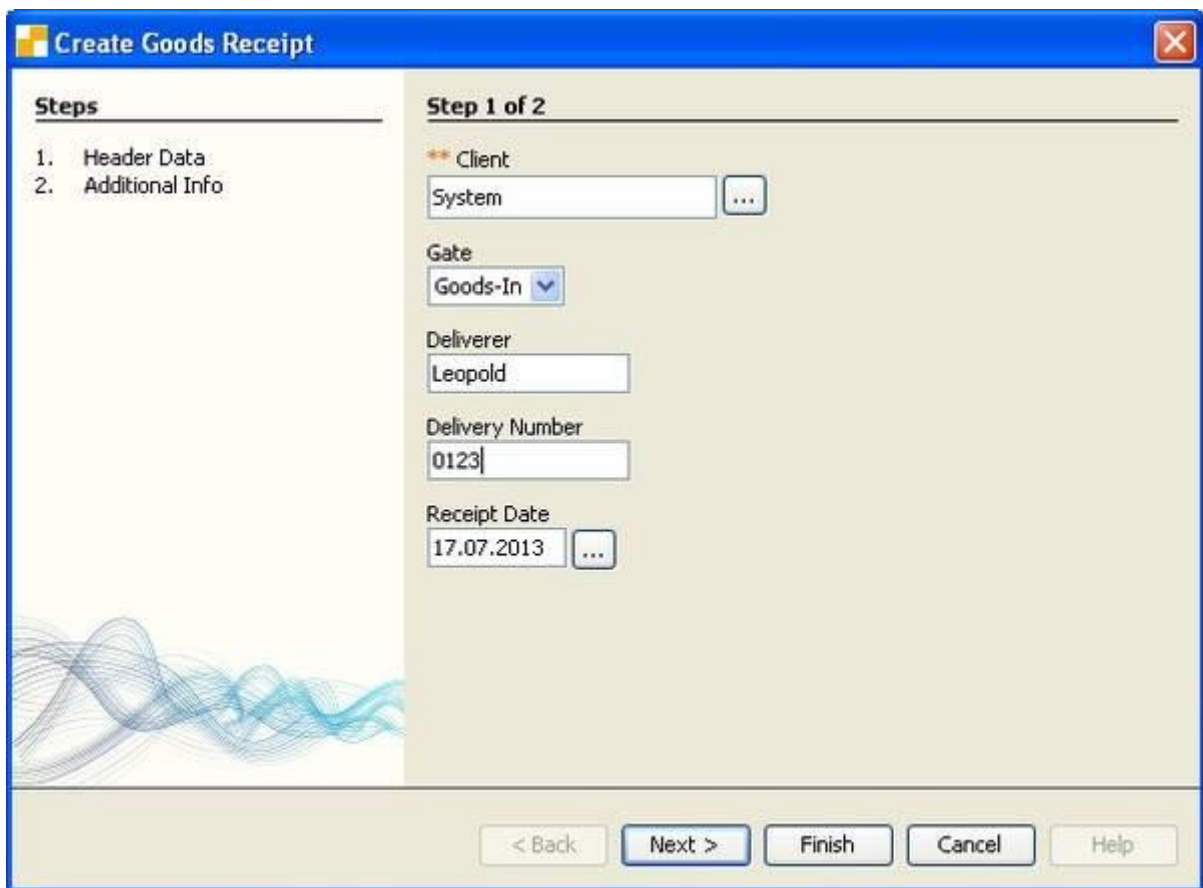
The advised 24 laser printers have been delivered.

The storekeeper Mr. Klaus, intends to transfer the delivered laser printer into the goods-in area. Therefore he chooses under the menu item **Window** the sub item **Goods receipt** within the myWMS LOS Client. In this dialogue, the collection of laser printer is documented.

2.1. Prepare Goods Receipt

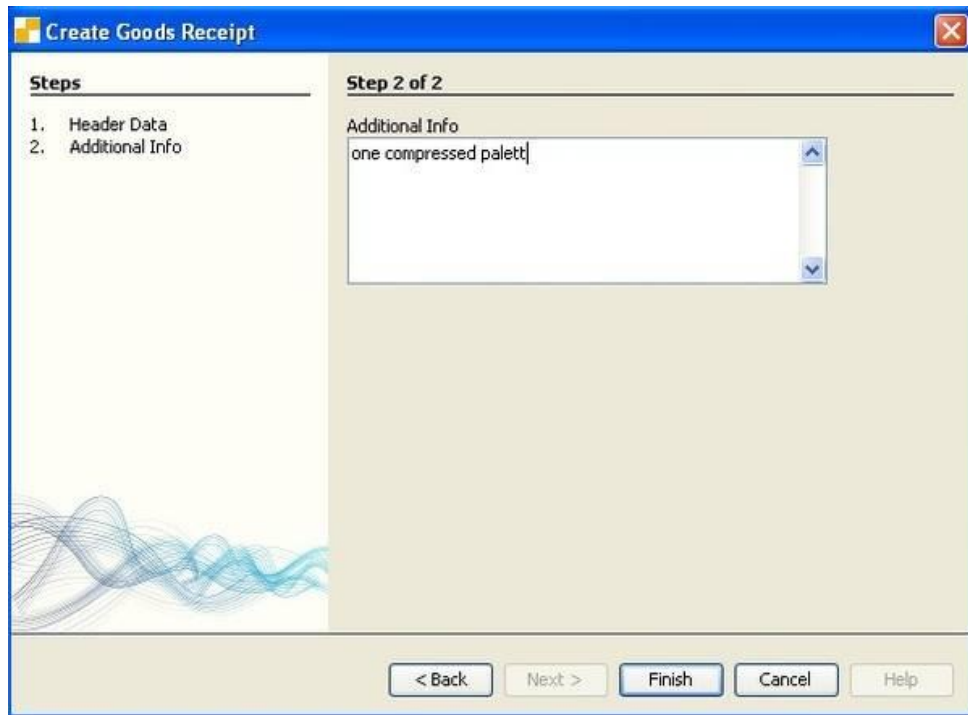
First, Mr. Klaus checks the delivery papers and creates in myWMS LOS a corresponding operation. He chooses the function Create in the upper third of the dialogue.

In a selection list, Mr. Klaus selects the gate, where the goods are collected. When the goods receipt is posted to this gate, it can be easily identified again. For later queries or complaints of the delivering freight forwarder, Mr. Klaus enters the name of the company Leopold in the text box. Mr. Klaus takes over the delivery number 0123 into the system and enters the receipt date in the check box of the calendar.



The screenshot shows a software dialog box titled "Create Goods Receipt". It has a blue header bar with a close button (X) in the top right corner. On the left side, there is a "Steps" panel with two items: "1. Header Data" (selected) and "2. Additional Info". The main area is titled "Step 1 of 2" and contains several input fields: "Client" with a dropdown menu showing "System" and a selection icon; "Gate" with a dropdown menu showing "Goods-In" and a selection icon; "Deliverer" with a text box containing "Leopold"; "Delivery Number" with a text box containing "0123"; and "Receipt Date" with a text box containing "17.07.2013" and a selection icon. At the bottom of the dialog, there are five buttons: "< Back", "Next >", "Finish", "Cancel", and "Help". A decorative blue wavy line is visible in the bottom left corner of the main area.

On the next dialog page, Mr. Klaus has the option to enter a comment for incoming goods. Since he has detected a compressed range, it shall include this information in the documents to indicate a physical exam.



Create Goods Receipt

Steps

1. Header Data
2. Additional Info

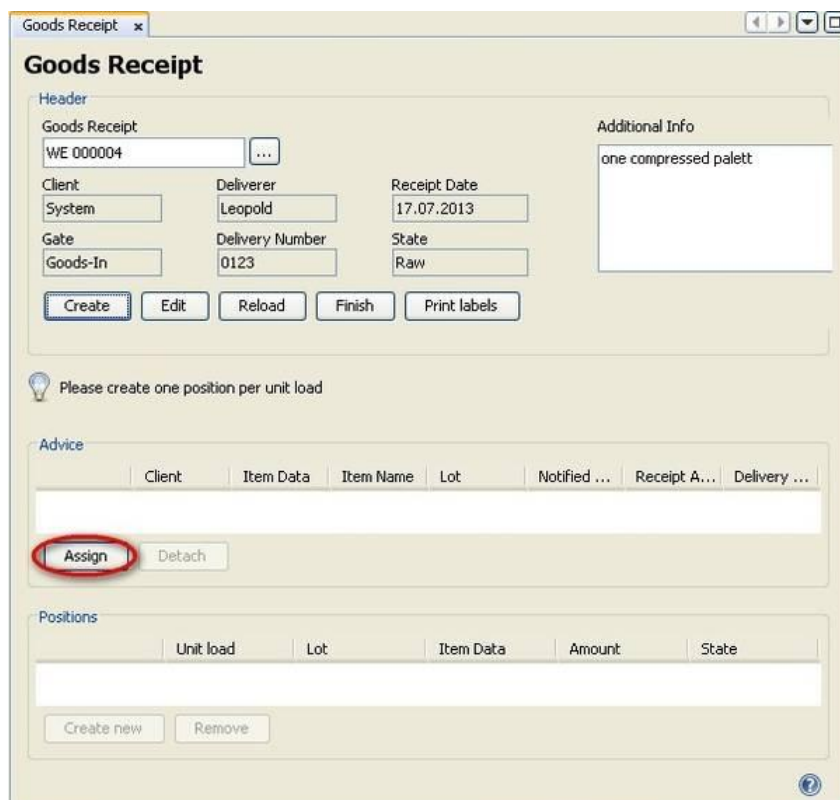
Step 2 of 2

Additional Info
one compressed palett

< Back Next > **Finish** Cancel Help

With **Finish** the process is created and Mr. Klaus gets back to the main dialog.

In the next step advices are allocated to the received goods. From the delivery papers Mr. Klaus recognizes, which decives are in the delivery. To make this myWMS known he edited the second third of incoming dialogue and click on **Assign**.



Goods Receipt

Header

Goods Receipt: WE 000004

Client: System Deliverer: Leopold Receipt Date: 17.07.2013

Gate: Goods-In Delivery Number: 0123 State: Raw

Create Edit Reload Finish Print labels

Additional Info
one compressed palett

Please create one position per unit load

Advice

Client	Item Data	Item Name	Lot	Notified ...	Receipt A...	Delivery ...

Assign Detach

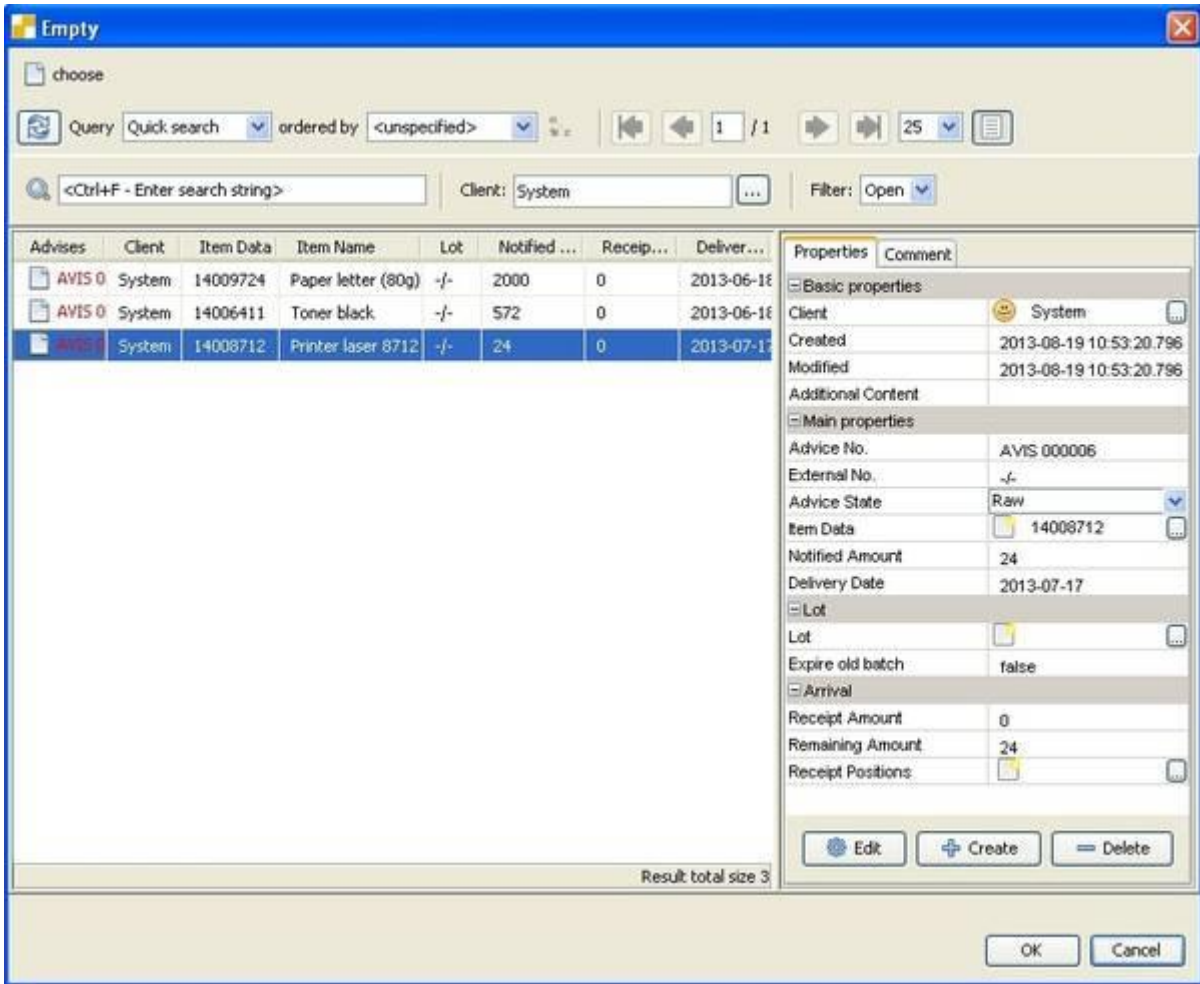
Positions

Unit load	Lot	Item Data	Amount	State

Create new Remove

This opens a dialog in which Mr. Klaus selects the corresponding advice to the item 14008712.

If there were several items in the delivery, then the corresponding advices would be classified at this place.



Advises	Client	Item Data	Item Name	Lot	Notified ...	Receipt...	Delivery...
AVIS 0	System	14009724	Paper letter (80g)	-/-	2000	0	2013-06-18
AVIS 0	System	14006411	Toner black	-/-	572	0	2013-06-18
AVIS 0	System	14008712	Printer laser 8712	-/-	24	0	2013-07-17

Result total size 3

Properties

Basic properties

Client: System

Created: 2013-08-19 10:53:20.796

Modified: 2013-08-19 10:53:20.796

Main properties

Advice No.: AVIS 000006

External No.: -/-

Advice State: Raw

Item Data: 14008712

Notified Amount: 24

Delivery Date: 2013-07-17

Lot

Lot:

Expire old batch: false

Arrival

Receipt Amount: 0

Remaining Amount: 24

Receipt Positions:

Buttons: Edit, Create, Delete, OK, Cancel

After assigning the advices to the goods, the preparatory actions have been completed. Continuing with the receipt of the goods.

2.2. Collecting Goods

For the selected advice Mr. Klaus now enters the goods. Thus he clicks in the lower third of the 'goods receipt' dialogue on Create new to capture a new position. The system opens a dialog in which Klaus recognized the loading equipment supplied with the goods.

Create Goods Receipt Position

Steps

- Unit Load Data
- Stock Data
- Lot Data
- Quality

Step 1 of 4

Receipt type

Standard intake

Identity Unit

☒ System generated label ID
 ☐ Identify existing label

LHM Id

Unit load type

EURO

...

< Back

Next >

Finish

Cancel

Help

Create Goods Receipt Position

Steps

- Unit Load Data
- Stock Data
- Lot Data
- Quality

Step 2 of 4

Item Data

14008712

Printer laser 8712

Advise

AVIS 000006

Amount on unit load

12

Pcs

Amount of identical unit loads

2

< Back

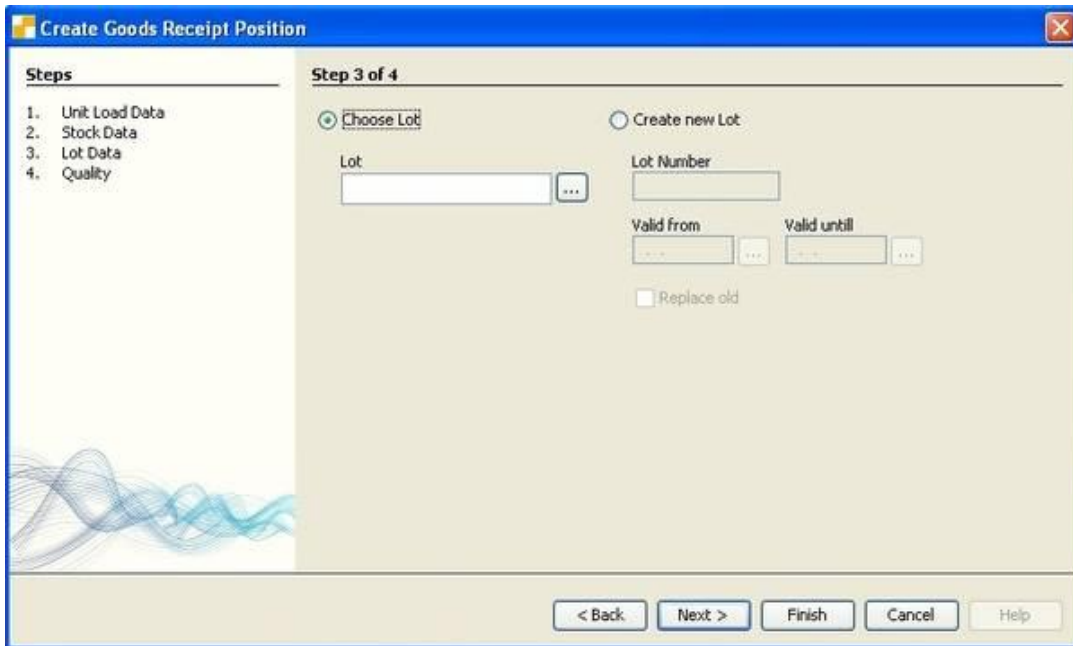
Next >

Finish

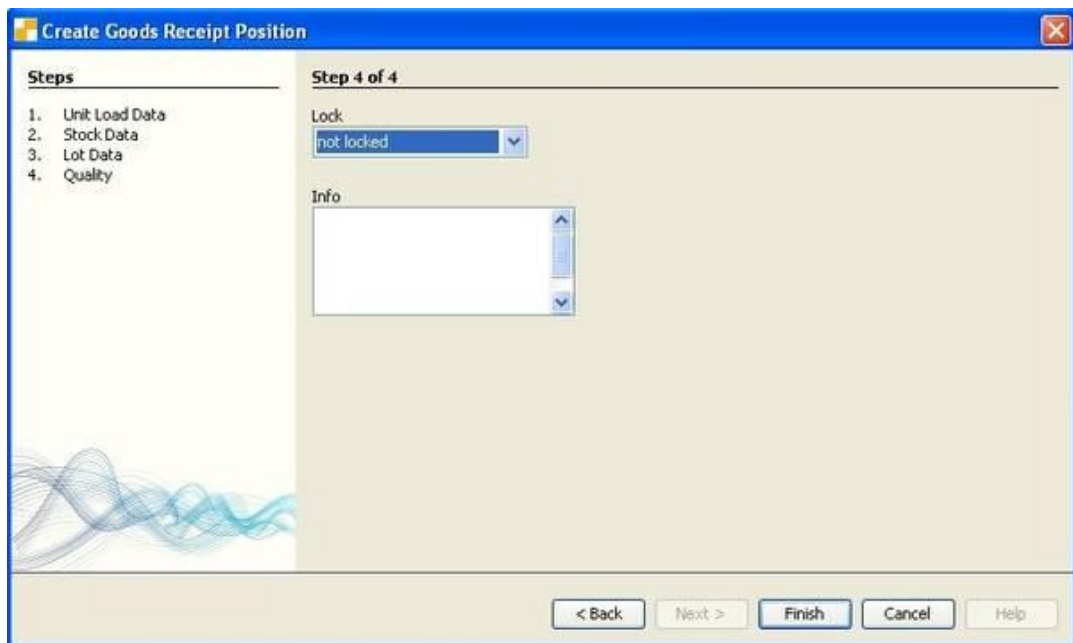
Cancel

Help

Mr. Klaus examines the proposed values for the unit load type and enters the number of the printer that are available on one pallet. Since the 24 printers were delivered on two pallets with 12 printers, Mr. Klaus can specify this in one step.



Now Mr. Klaus can specify a lot for the laser printer. Since he can not find a lot in the choice box, it must be a new lot number, not known to the system. Mr. Klaus takes over the lot number **357159** of the delivery note and transmits these to 'create new lot'. A validation of the lot is not noted on the delivery note. Consequently Mr. Klaus leaves this box empty.



In this dialogue, Mr. Klaus has the possibility to block the incoming goods for a quality check before it gets to picking, if necessary. For the printers there is no reason to lock. About the function finish two loading devices are now created with 8 printers. The result is shown in the item list in the lower part of the dialog.

3. Store Goods

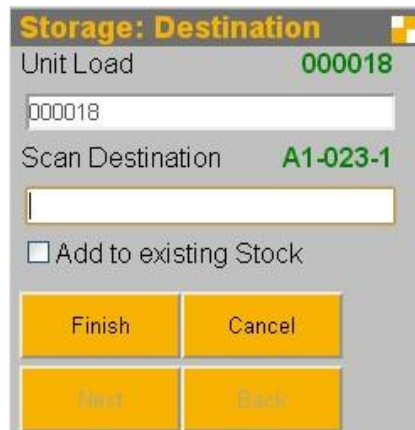
The storage of the pallets with the laserprinter is done by Mr. Klaus with the help of his hand-held device. His hand-held device is adapted to automatically start myWMS dialogs after switching on. You can follow the example on a PC browser, the mobile dialogs in myWMS are web dialogs.



Mr. Klaus chooses the item "Storage" on the starting page.



Now he scans the barcode of the collected unit loads.



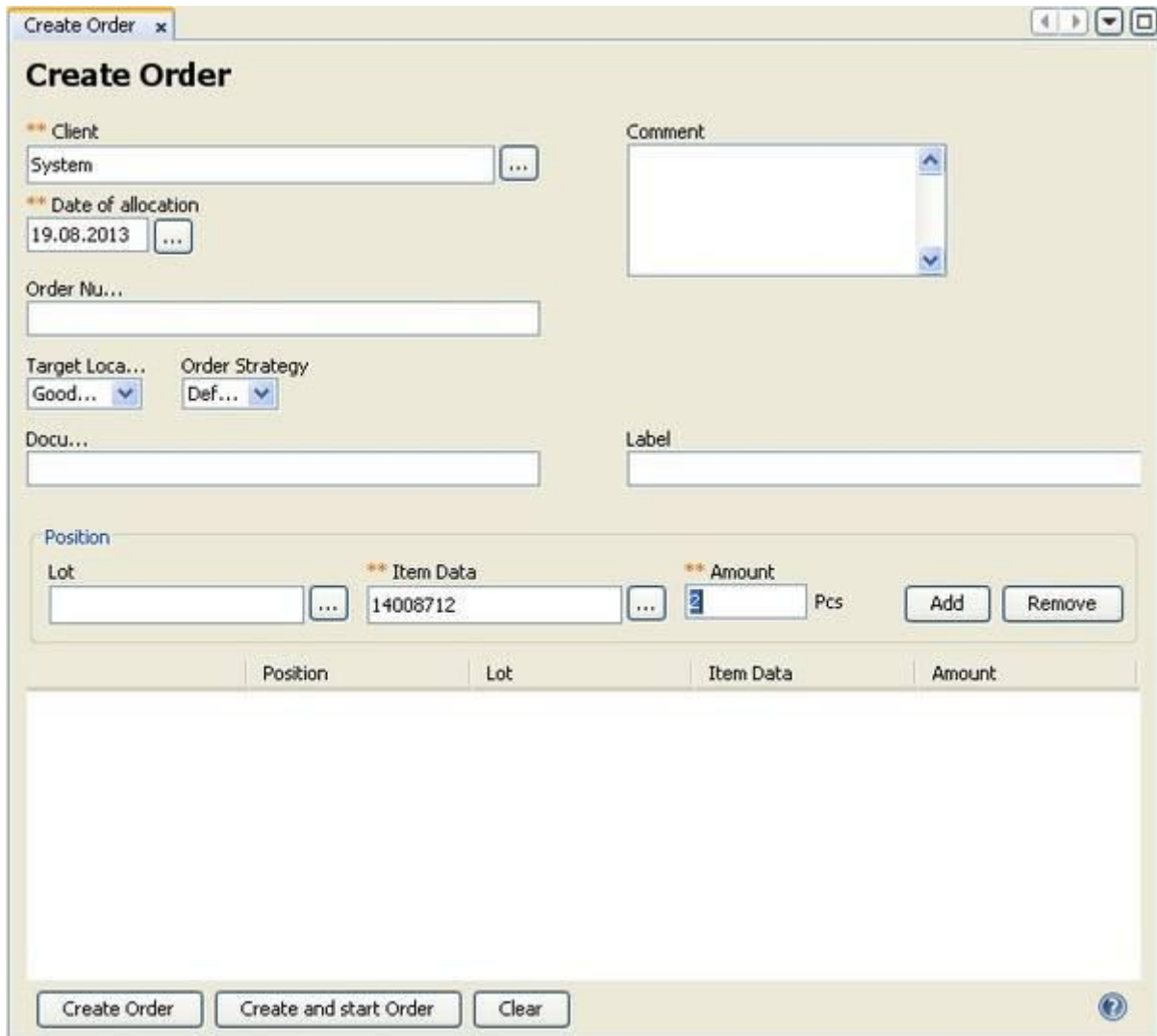
Then the hand-held device shows Mr. Klaus the allocated bin location A1-023-1 for the unit load 000018. Once Mr. Klaus has brought the pallet with the forklift to the bin location A1-023-1, he scans the barcode of the bin location as a confirmation.

The entered data is registered and inspected by the system. The unit load is posted on the scanned storage bin. myWMS now knows where the unit load is currently located.

4. Capture Customer Order

Mr. Black is responsible for the sale. A customer has ordered two laser printers by phone. Mr. Black enters the order as a sales order to the myWMS.

To execute Mr. Black chooses in the myWMS client the menu window, create order. .



The upper part of the screen is already filled with default values. Mr. Black does not need to change these settings for a normal order.

In the lower part of the screen the ordered items and quantities of the order are recognized. There, Mr. Black fills in the item number 14008712 via the selection box (...). With the help of various filters and sorting criteria he can select the appropriate item in the selection dialog. He enters the amount of 2 pieces and adds this data to the item list by the Add button.

By finally clicking on the button Create and start order at the bottom of the dialog, the sales order is saved and simultaneously a suitable picking order is generated. The picking order is send to Mr. Klaus in the warehouse.

5. Picking Goods

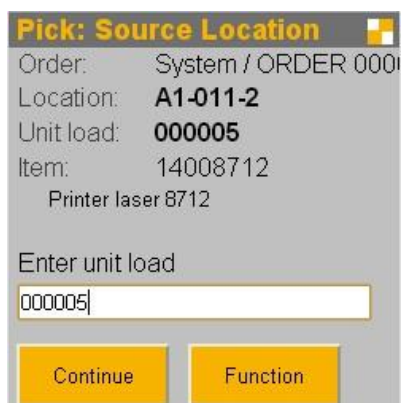
Mr. Klaus is in charge of the picking orders. Here he is also assisted by his hand-held device. myWMS shows him on the hand-held device which picking orders exist, where and how much material can be removed, and where it should be placed. After registration, on the second page Mr. Klaus chooses the menu item Picking.



First, he chooses the relevant picking order from a list.



After getting further order information he is asked to go to a bin location and to identify a unit load. Once he has reached the bin location, he scans the barcode of the unit load.



After myWMS checked the the information he gets displayed the material and amount. Since the data obtained and goods are correct, Mr. Klaus can confirm the removal of the two laser printers simply on the hand-held device.

Pick: Pick

Order: System / ORDER 000

Location: A1-011-2

Unit load: 000005

Item: 14008712

Printer laser 8712

Amount: **2** Pcs

OK Function

Then the material is placed on a supply location for shipping. Once Mr. Klaus has arrived there, he scans the barcode with the hand-held device.

Pick: Target Location

Order: System / ORDER 000

Unit load: 000021

Target Location: **Goods-Out**

Enter Target Location

Goods-Out

Continue Label

myWMS LOS checks the accuracy of the scanned target location. Mr. Klaus gets the information that he ran the job successfully. The picking is done and the material is ready for shipment.

6. Shipping

First, he chooses the shipping order from a list.

Shipping: Select Order

Select Order

GOUT 000007

Continue Menu

Mr. Klaus is shown on the display which unit load belong to the shipping order and where they stand. With this information, he quickly finds the material to be shipped.

He scans the barcode of the unit load for confirmation.



The image shows a handheld device screen with a grey background. At the top, a yellow header bar contains the text "Shipping: Unit Load (1/1)" and a small yellow square icon. Below the header, the screen displays the following information in a light grey font: "Order: GOUT 000007", "Next Location: Goods-Out", and "Next Unit Load: 000021". Below this information, the text "Scan Unit Load" is displayed. Underneath, there is a white rectangular input field containing the text "000021|". At the bottom of the screen, there are three yellow buttons with black text: "Continue" and "Info" are side-by-side, and "Cancel" is centered below them.

By scanning the unit load it is confirmed, that the goods have left the warehouse properly and are on the way to the customer.

Thus, the sales order for the logistics of the online shop is complete.