Goods receipt integration WMS/ERP with bonded warehouse

ERP/WMS

Receiving

LSPcustoms

Entrepot < ----------------- > Transit

U N L O A D I N G

WMS Receipt created

Send WMS receipt to customs

Interface **4**

Receipt / Container
WMS receipt header created

MRN
Assign MRN to WMS receipt

Enter arrival data

Notifier (step 1)

Send IE07

Company Office

E-mail

IE43 received

Customs checking

(Non)Approval for unloading

Interface **2**

Receipt entrepot file header created for WMS receipt

Receipt unloaded

A P P R O V A L

R E C E I V I N G

Receipt details booked

Send WMS receipt quantities to customs

Interface **1**

Receipt entrepot file details created for WMS receipt

Status change: receipt entrepot file header (all details)

Approve arrival details

Company Office

Notifier (step 2/3)

Send IE44

IE25 received

C O N F O R M

S T O C K   A V A I L A B L E

Received stock put on stock location

Put away received stock

T1 Info
Create receipt entrepot stock files

transport and additional costs assigned to stock files

Company Office

E-mail

Notifier (step 4)

Approve receipt entrepot file

Received stock released for dispatch

Interface **3**

Receipt entrepot file approved

Received stock available for dispatching

E N T R E P O T   S T O R A G E

Legenda:

Automated process

Manual process

A link to ERP / WMS normally allows the use of the existing standard interfaces in the ERP / WMS. The integration of the ERP / WMS with the customs warehouse with respect to goods receipt process is shown in the schematic model below. Only the warehouse inventory handling is shown.

There are 4 interface moments for the goods-receipt process. The interface steps are briefly described below.

Through **Interface 4** from the ERP / WMS, the expected revenue is interfaced to a warehouse system before these are expected physically. Only the header data is required. When the goods arrive physically, the business office request permission to unload. Until then, nothing physically may be done with the receipt (container). The retention of the unloading of a cargo is not normally a process in an ERP / WMS. This will have to be operationally enforced.

Through **Interface 2** from the warehouse system, permission to unload is granted. This interface will therefore not start processing in the ERP / WMS, but send a confirmation e-mail to the business office.

Through **Interface 1** from the ERP / WMS, the exact received items and inventory quantities booked in the ERP / WMS are reported to the warehouse system (after the inspection). The goods must be blocked in the ERP / WMS (quarantine) until the warehouse system indicates through **Interface 3** that the goods are available for sale. Only then may the goods be released in the ERP / WMS! It is possible that this step can be automated if all the data are present in the ERP / WMS.

The goods receipt in the ERP / WMS must indicate whether the received goods are customs goods. When the received goods are not customs goods, no permission for release has to be requested and this step (interface 2) can be skipped. In that case, interface 1 will be immediately followed by interface 3, so that the goods received immediately become available for sale.

Would you like more information about this processing scheme of do you have other questions about what a bonded warehouse by LSPcustoms can do for you? Please contact us, tel. +31 (0) 88 20 20 300

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