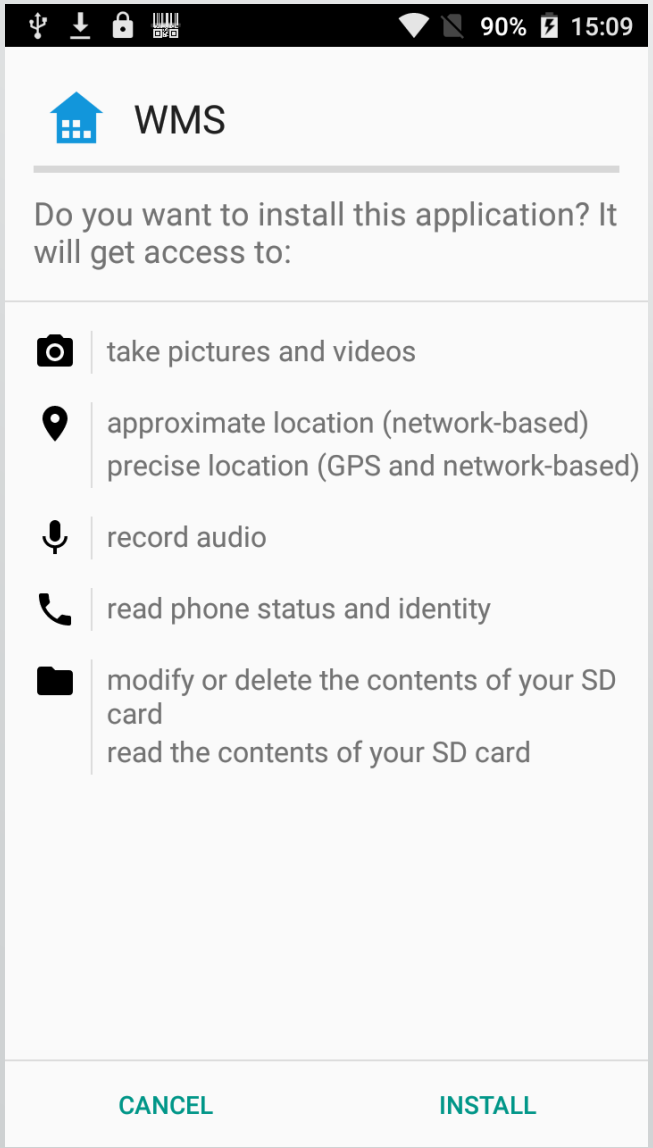
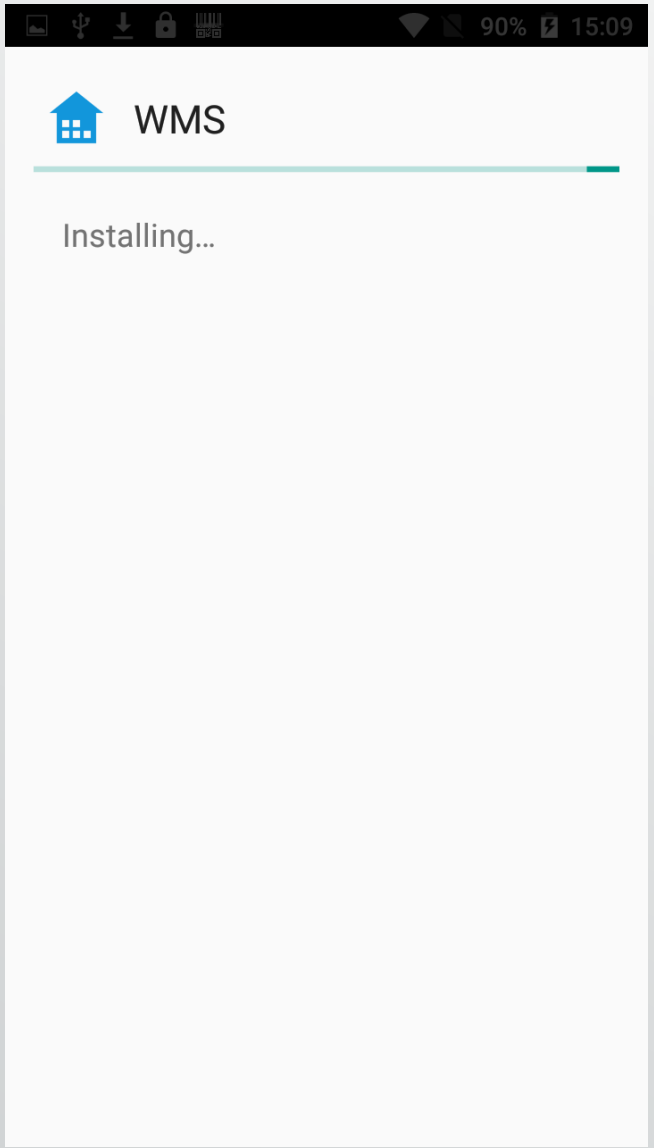
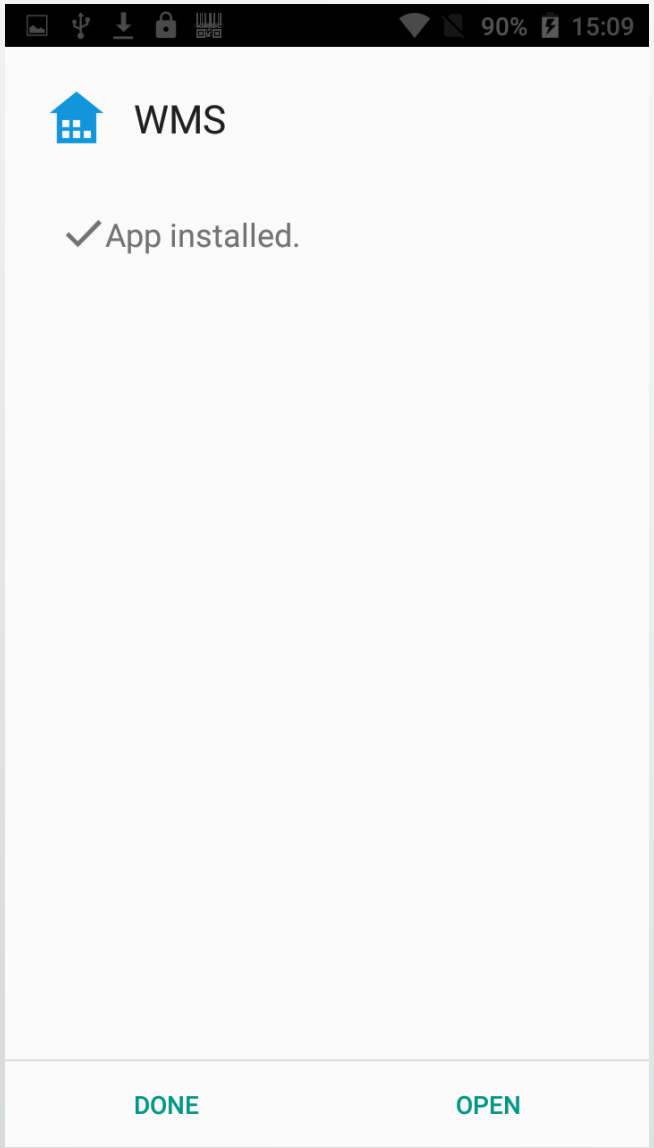
Warehouse Management System

Date : Aug 2021
Prepared by : Allen Chen
Version : V2.1
Updated: 2023-05-23

Install APP







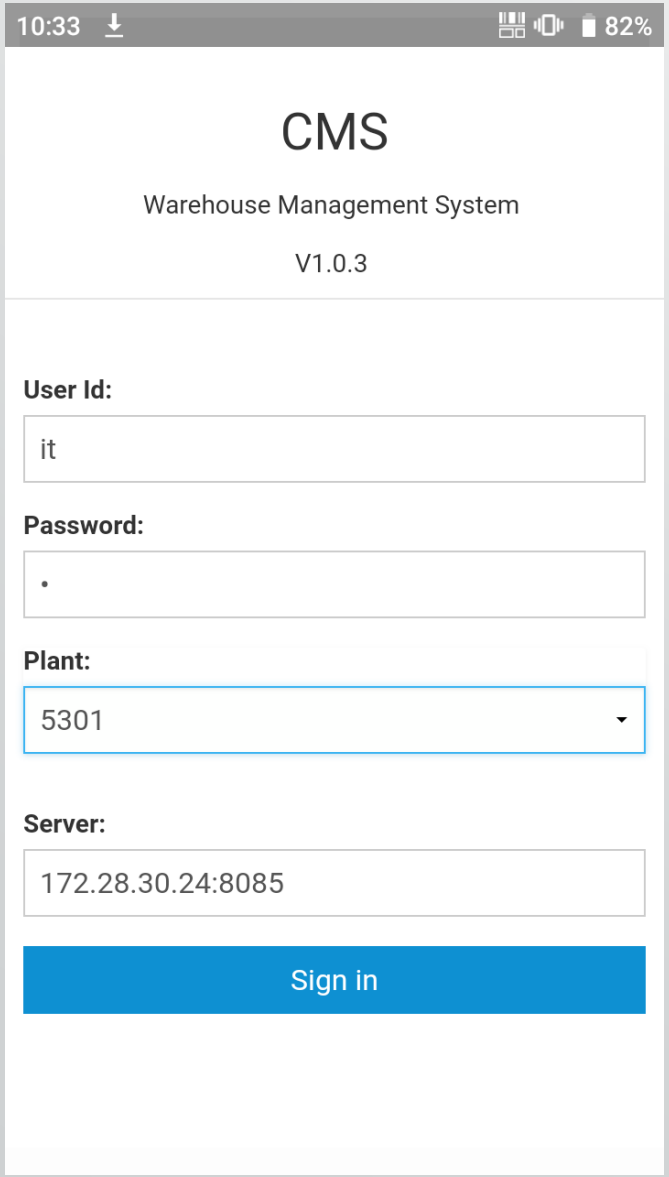
Install

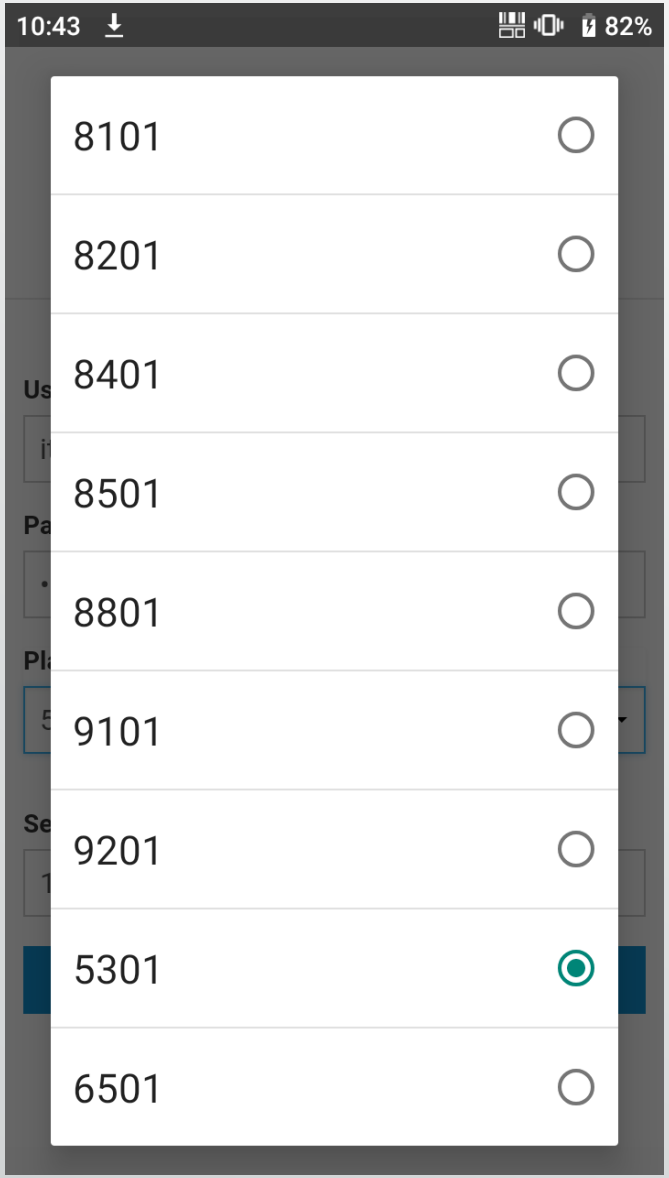
Download apk file and install.

Link as below :
http://172.28.30.24:9090/wms.apk

Issue material

Login





Login

1.Enter your account.

2.Enter password.

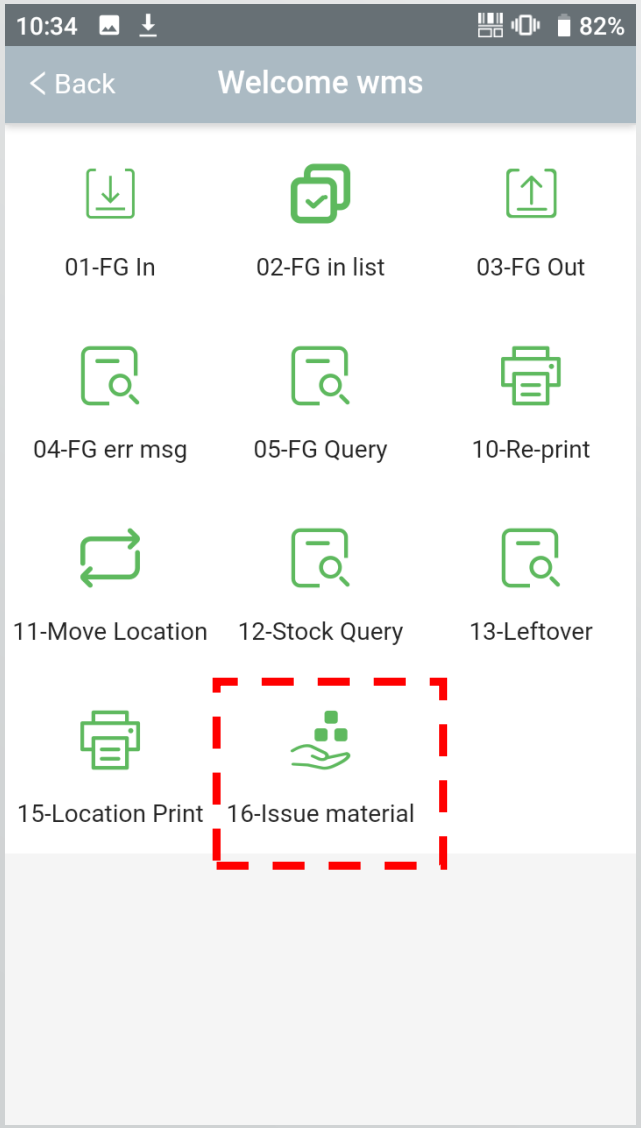
3.Select plant from list.

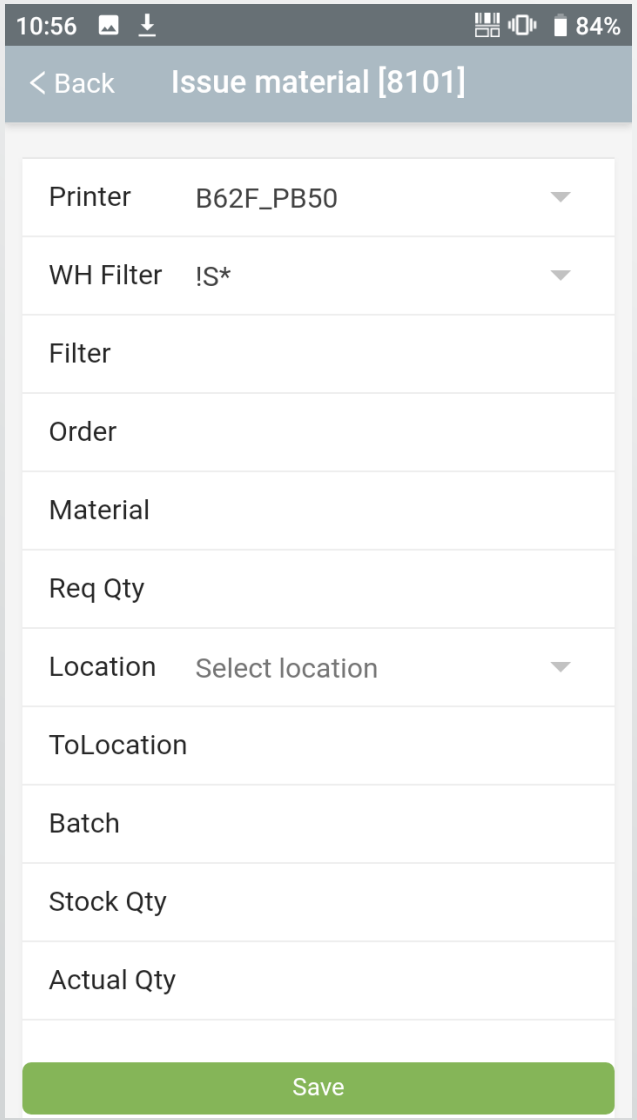
4.Enter server (172.28.30.24:8085).

5.Click “Sign in” .

PDA need to access the server(172.28.30.24) via WIFI

Issue material and print label





Issue material

Please select a printer if you need to print label.

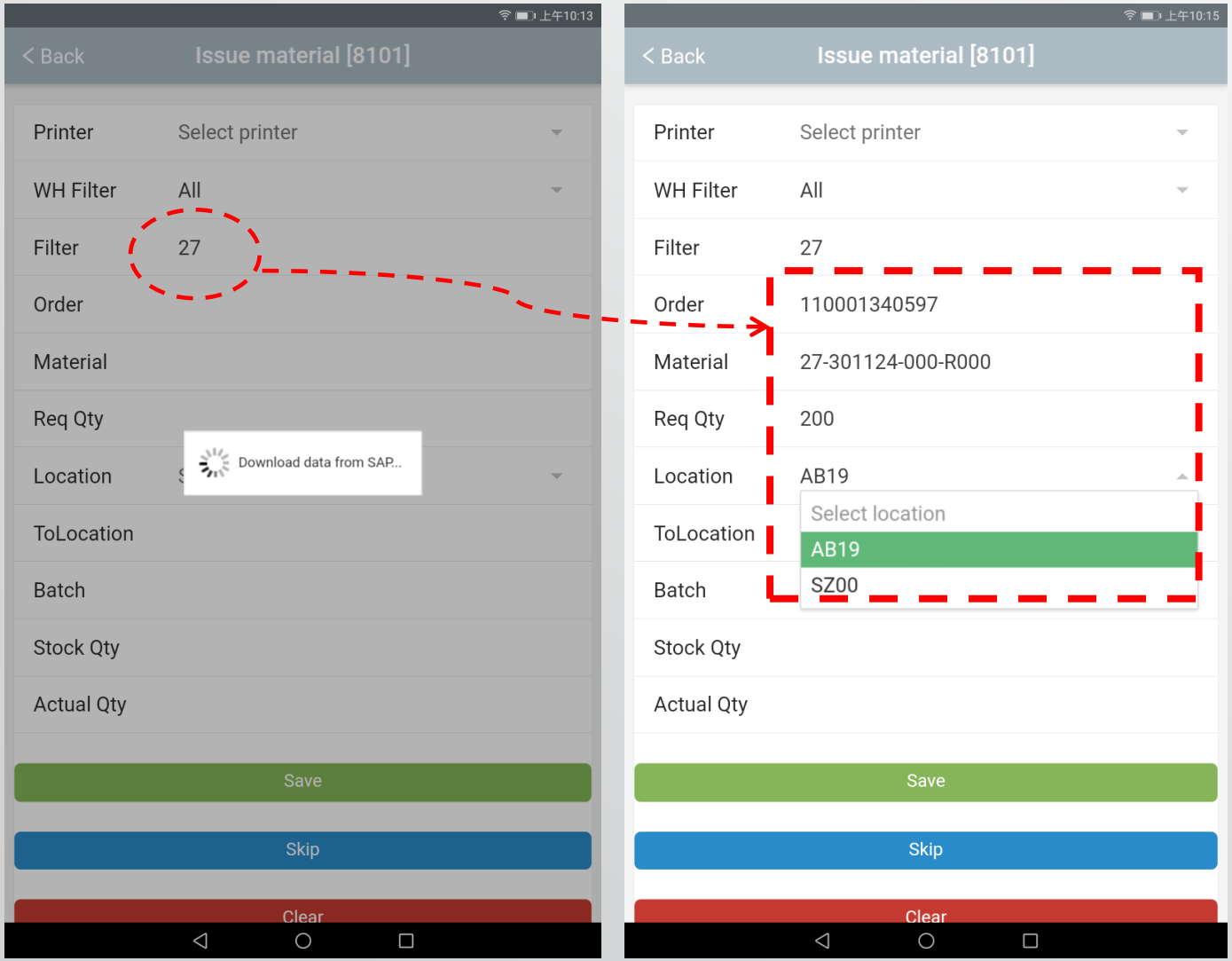
WH Filter : Filter warehouse

Filter : Filter material, e.g. 27-XXX

Order : Work order, e.g. 331000018411

To-location : If the actual quantity exceed actual demand , need to input buffer location, e.g. ZS01 – ZS30.

Issue material and print label



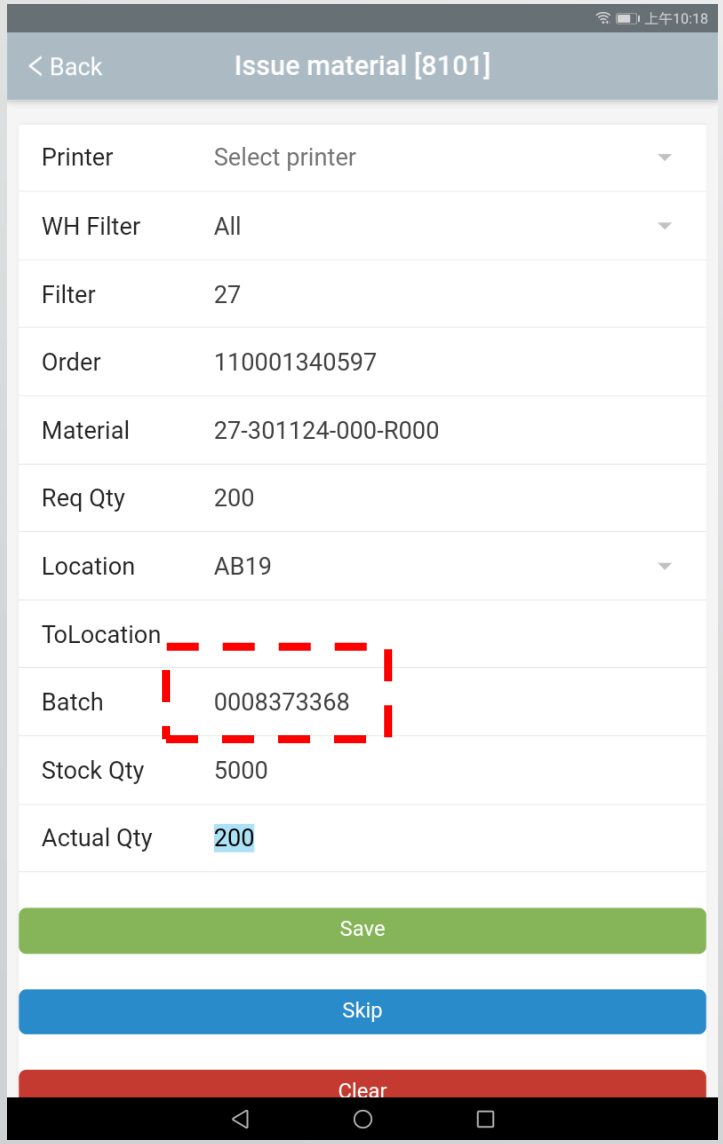
Issue material

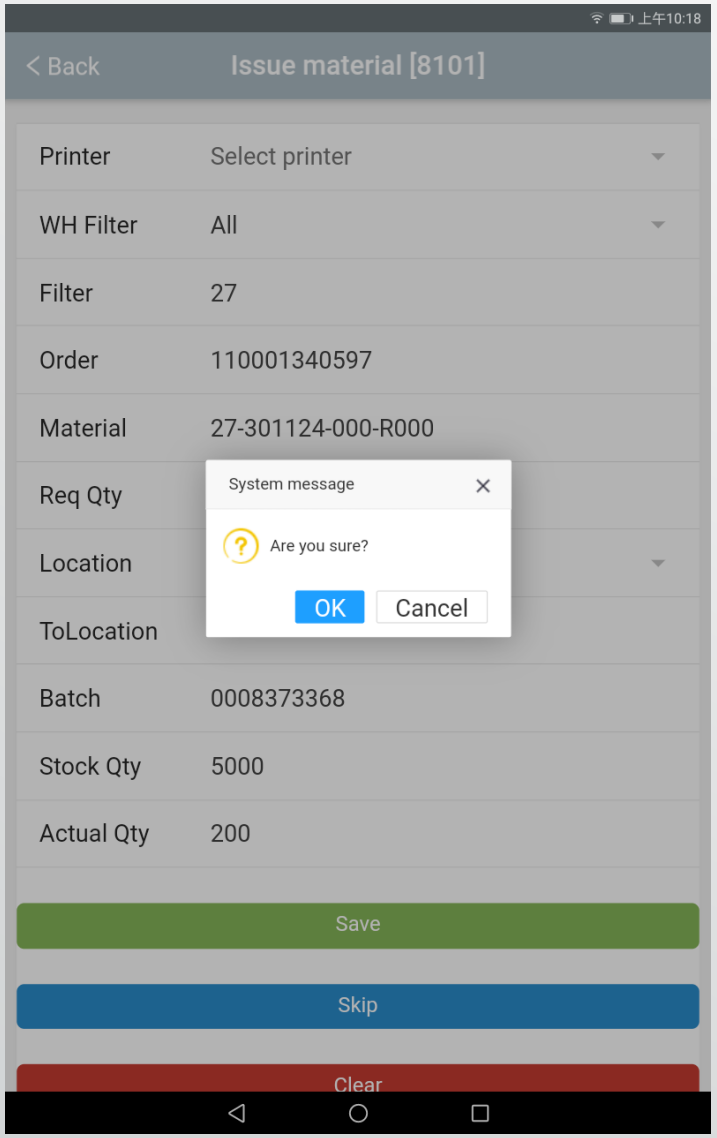
1.Input material or work order and press enter, system will download material list and stock information from SAP automatically.

2.Sort by work order and material.

3.You can skip the current material if you need.

Issue material and print label



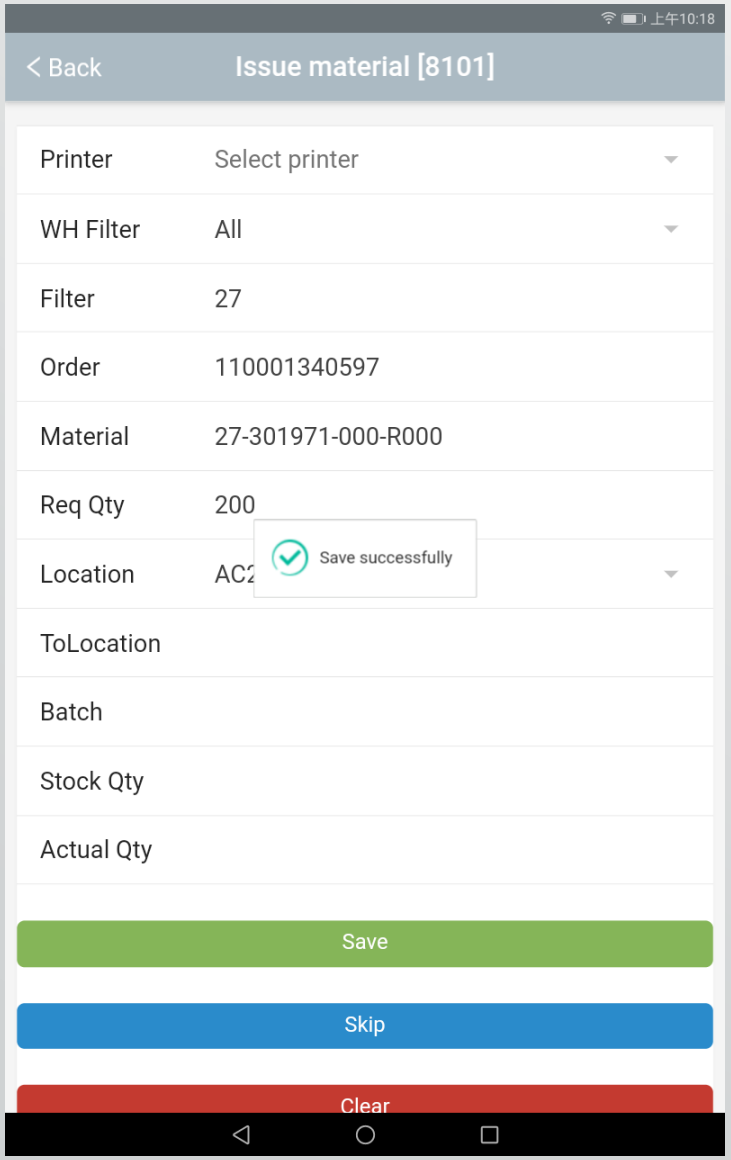


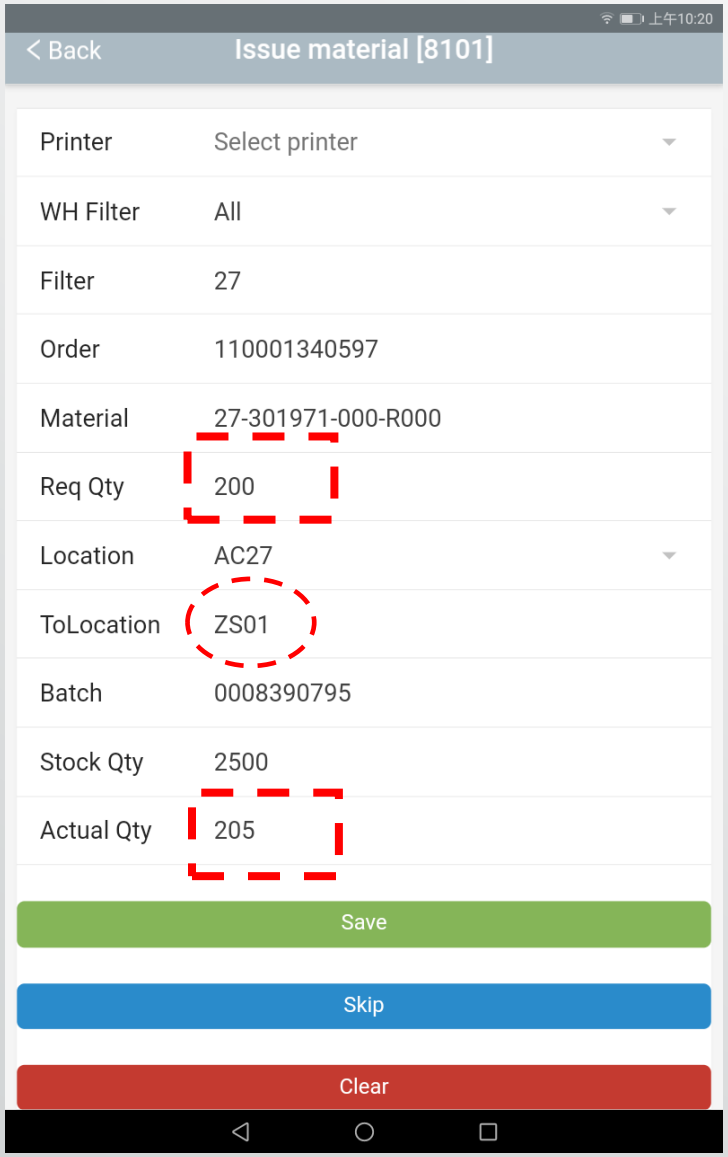
Issue material

4.Scan the batch number or QR Code and press enter, System will show the stock quantity automatically.

5.Click the save button and confirm.

Issue material and print label





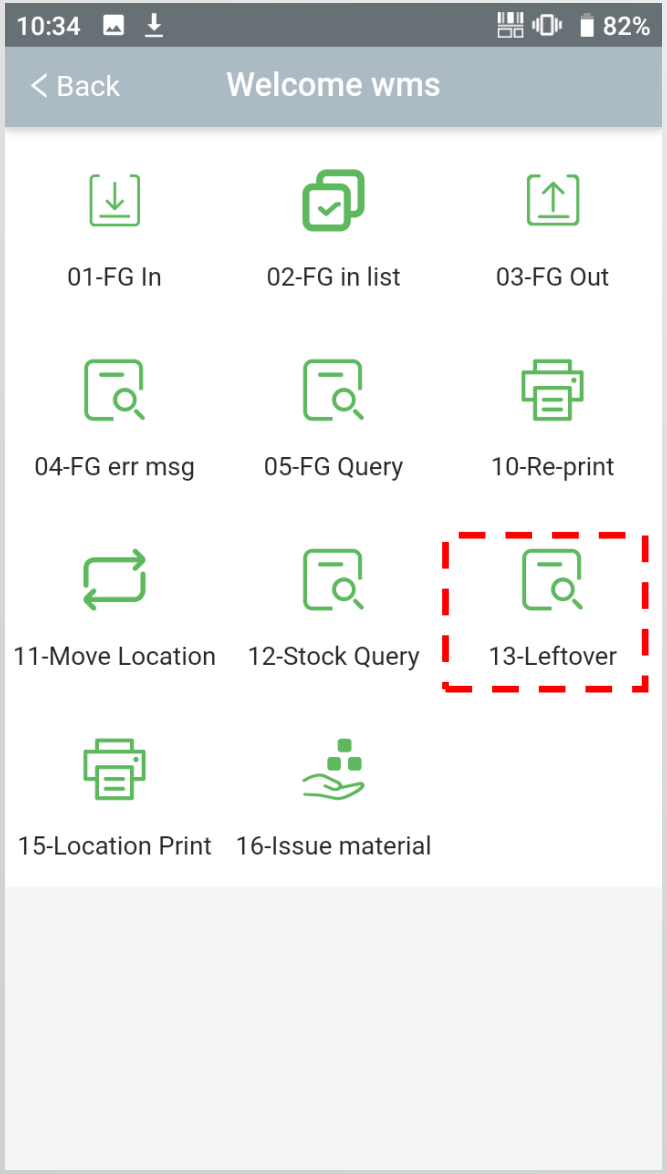
Issue material

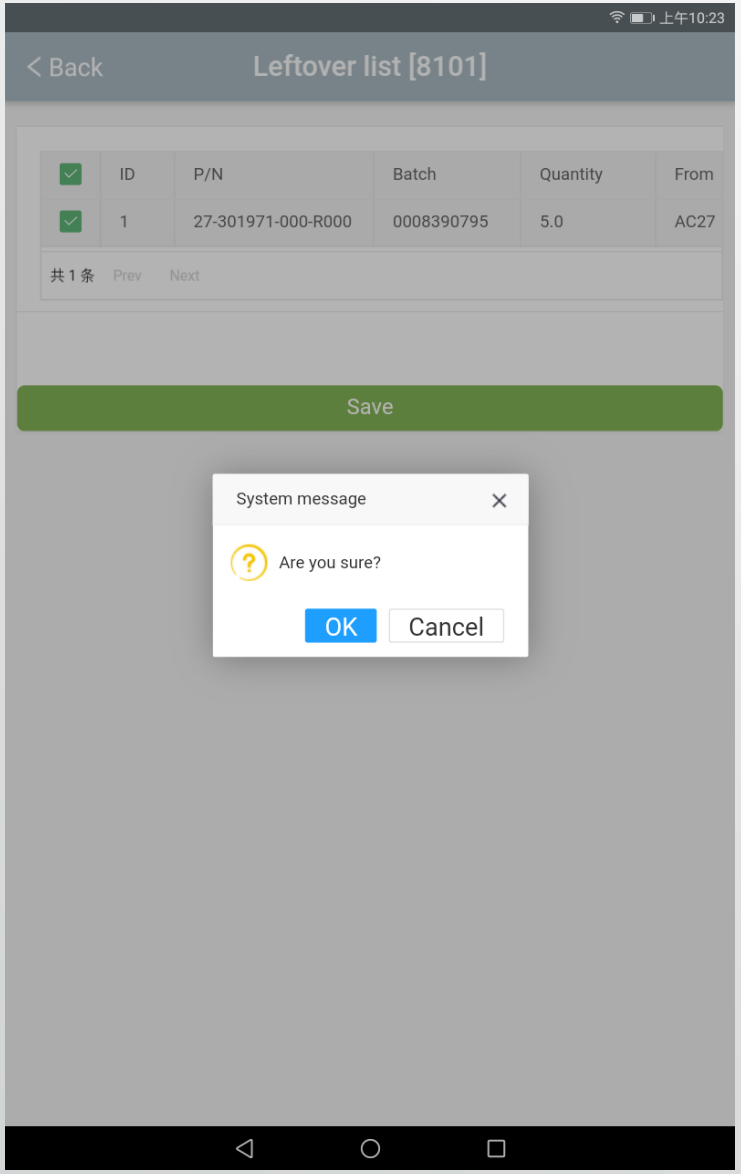
6.The system will skip to the next material automatically.

7. If the actual quantity exceed actual demand, you need input the to-location(e.g. ZS01, ZS02…).

8. You can change the actual quantity yourself.

Buffer





Buffer

1.Click ”Leftover”.

2.Select one or more record from item list.

3.Click the “Save “ button.

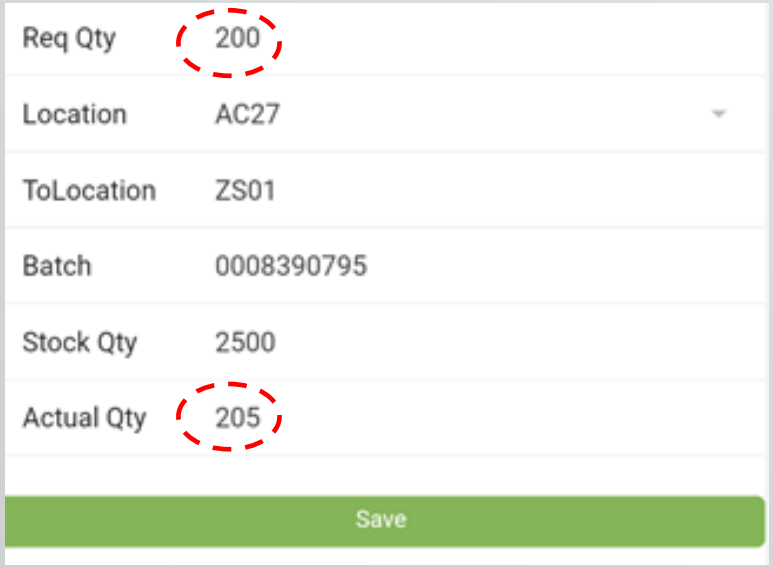
Buffer

Structure Editor: Display IT_ZBESTAND from Entry 1

Column | Entry | Metadata

6 Entries

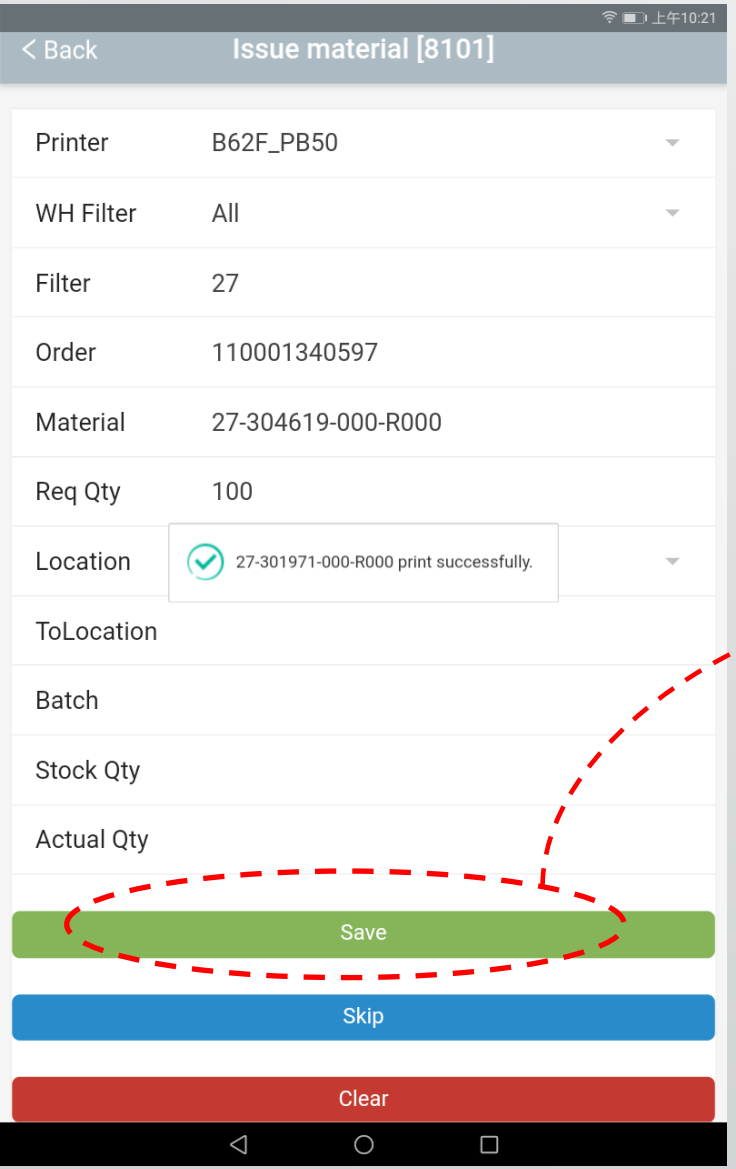
WERK	MATNR	LGOR	CHARG	S	POSID	LABST	ERSDA
8101	27-301971-000-R000	AC27	0008390795			2,295.000	04/13/2022
8101	27-301971-000-R000	AC27	0008390797			27,500.000	04/13/2022
8101	27-301971-000-R000	AC27	0008390801			12,500.000	04/13/2022
8101	27-301971-000-R000	AC27	0008390802			2,500.000	04/13/2022
8101	27-301971-000-R000	SZ00	0008390795			2,572.000	04/13/2022
8101	27-301971-000-R000	ZS01	0008390795			5.000	04/13/2022



Buffer

The actual demand is 200 pcs, actual release quantity is 205, the exceeded quantity is 5pcs(205-200), location already change from AC27 to ZS01.

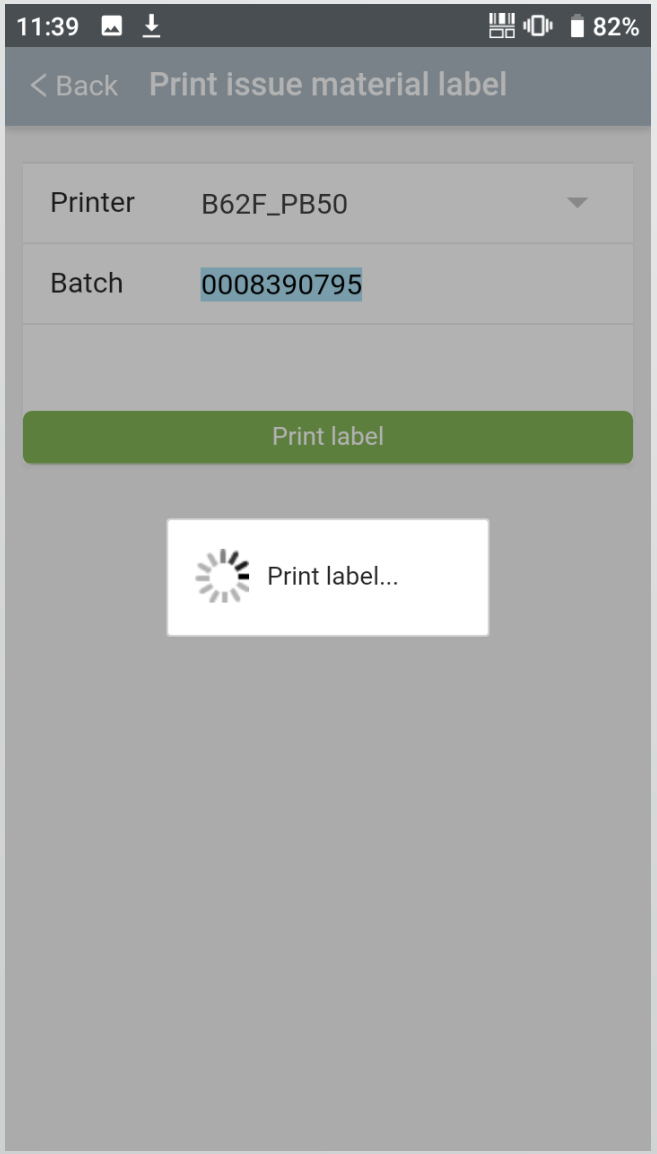
Issue material and print label

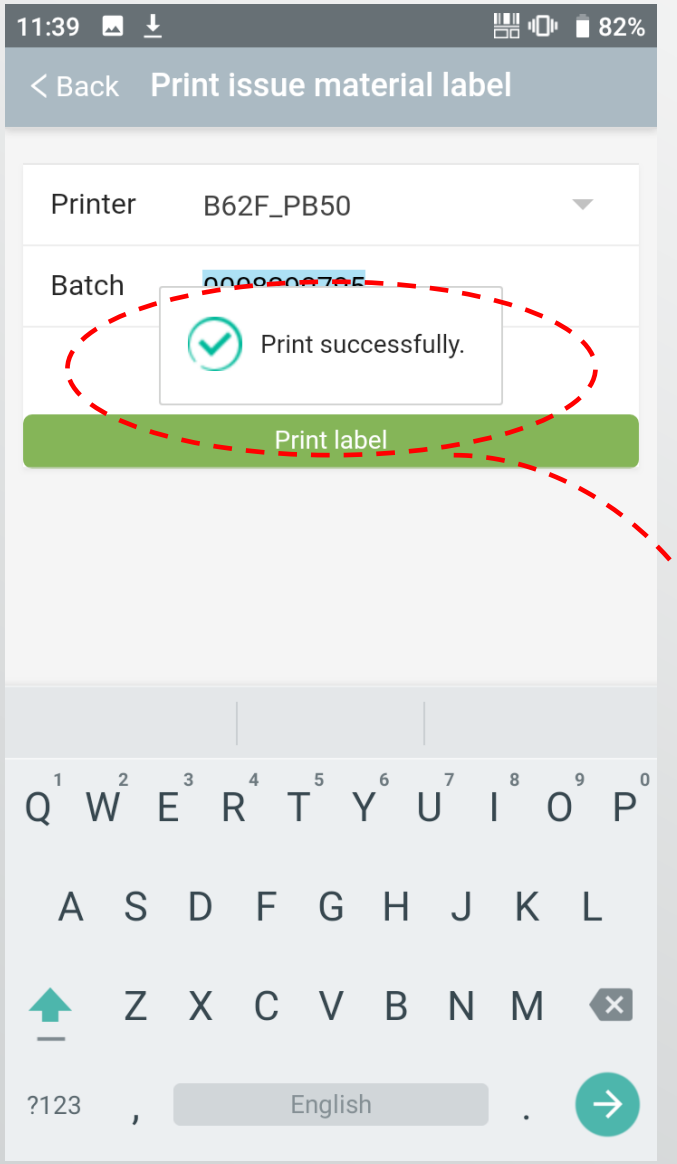


Issue material

Once material issued, material labels will be printed out from system automatically. PDA need connect to the selected network printer, each printer should set a separate WIFI account, password and IP address. The label format as below. If we need to re-print any label, we can scan its QR-Code or input the batch number and press enter.

Re-print label





Re-print

1.Click ”Re-print”.

3.Select a printer from list.

3.Scan batch number or QR-Code, system will print label automatically.

QR-Code format

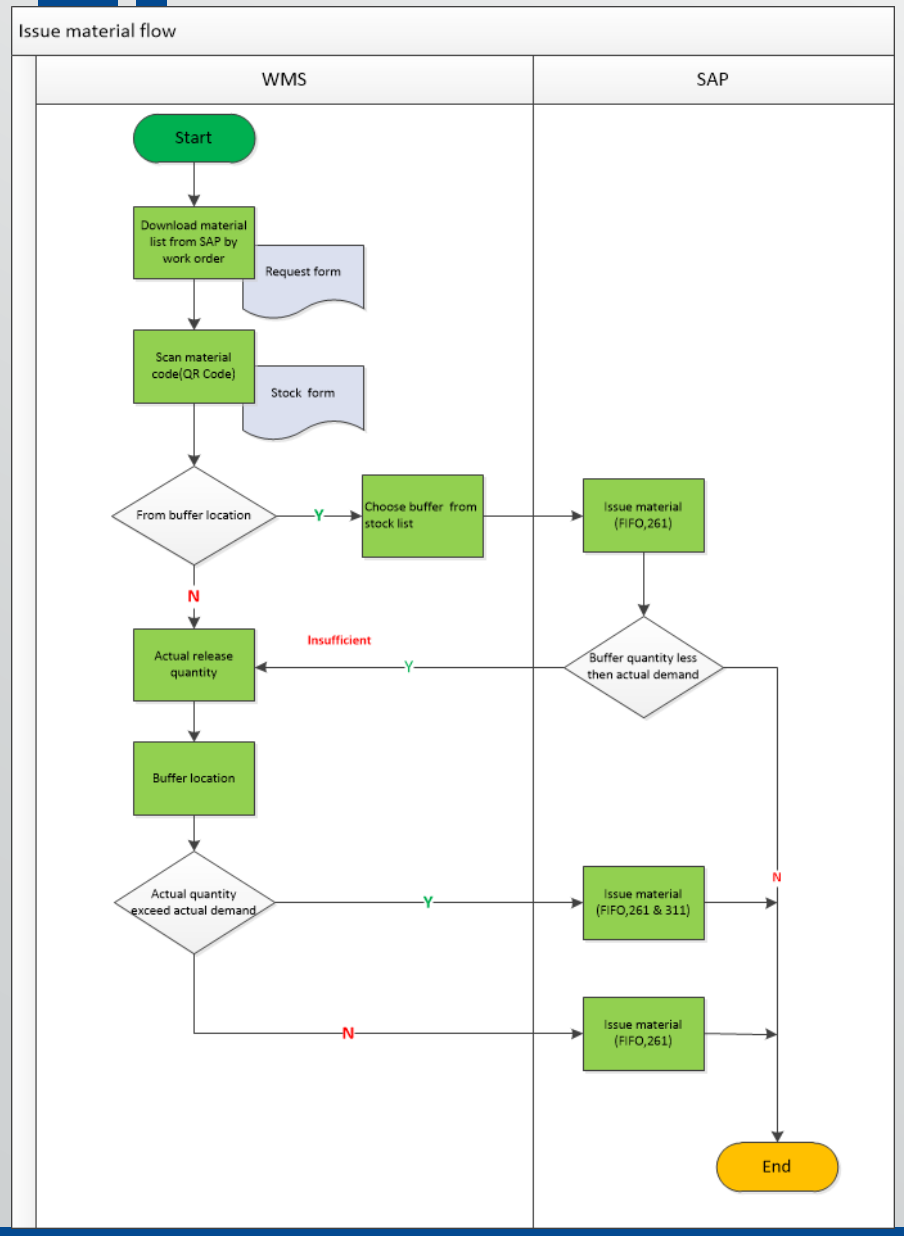
Seq.	Data Item	Description
1	P/N	VTech Material Number
2	Batch	VTech Batch Number
3	Pack No.	Package Number
4	Plant	Plant Code
5	QTY	Package Quantity
6	Stock Flag	Special Stock flag
7	WBS	Production Log
8	Vendor	Vendor Code
9	Bin	Bin Code
10	INV	Vendor Invoice / Delivery Note Number
11	PO	VTech PO Number
12	MPN	Manufacturer Part Number
13	MFN	Manufacturer Name

2， 二维码标签内容数据格式。

每个数据字段由 # 号分隔，并按以上顺序固定排列，最后以；号结尾。

```
49-100991-000-R000#0005941364#1/1#8501#301###14221##D20200317001#
8510082305#80-010233-004-R000#VTECHMETAL;
```

Issue material flow chart

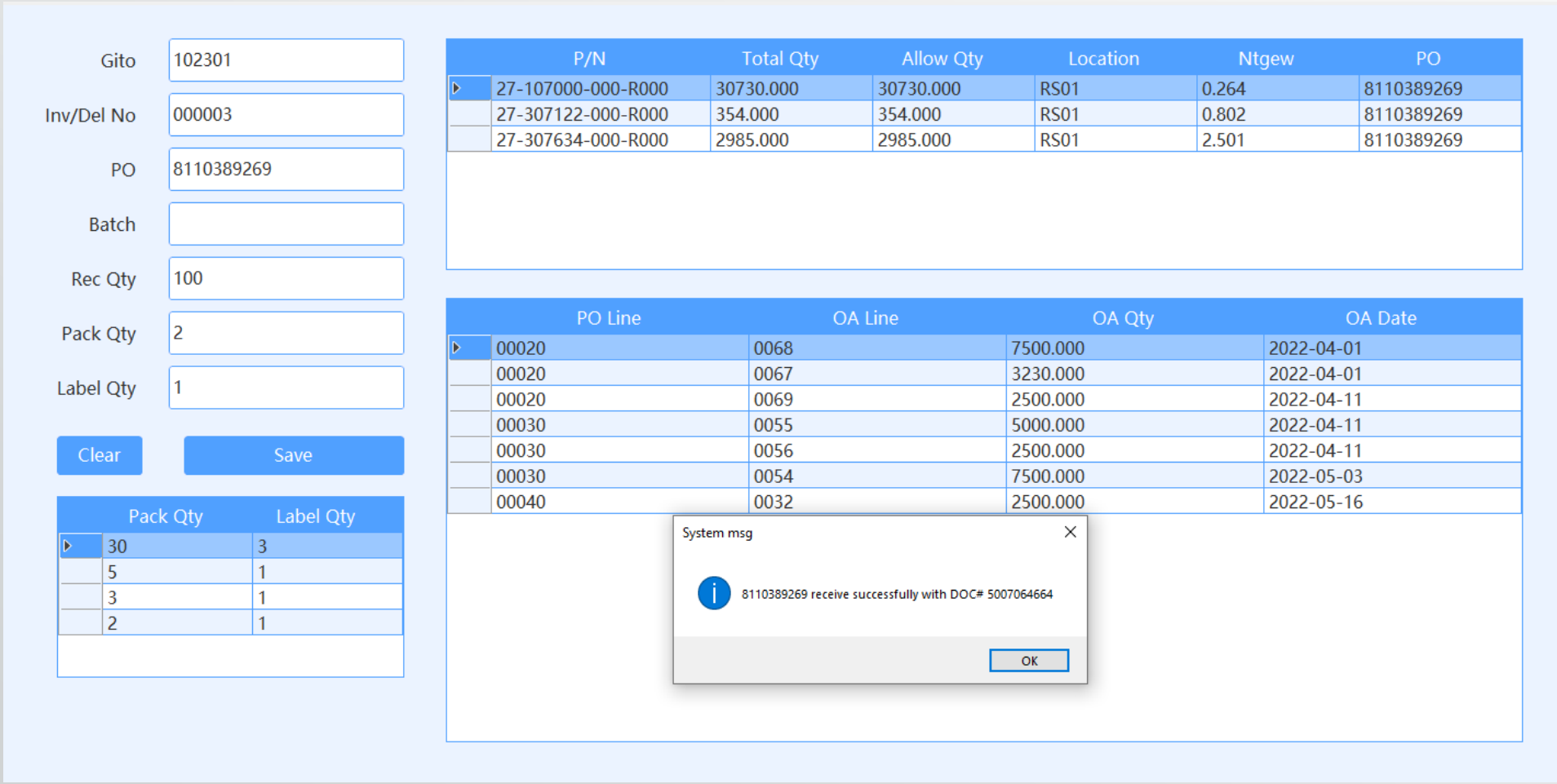


Issue material flow chart

As picture

PO Receive

PO receive - PC



PO Receive

1.Input gito, invoice no or delivery no.

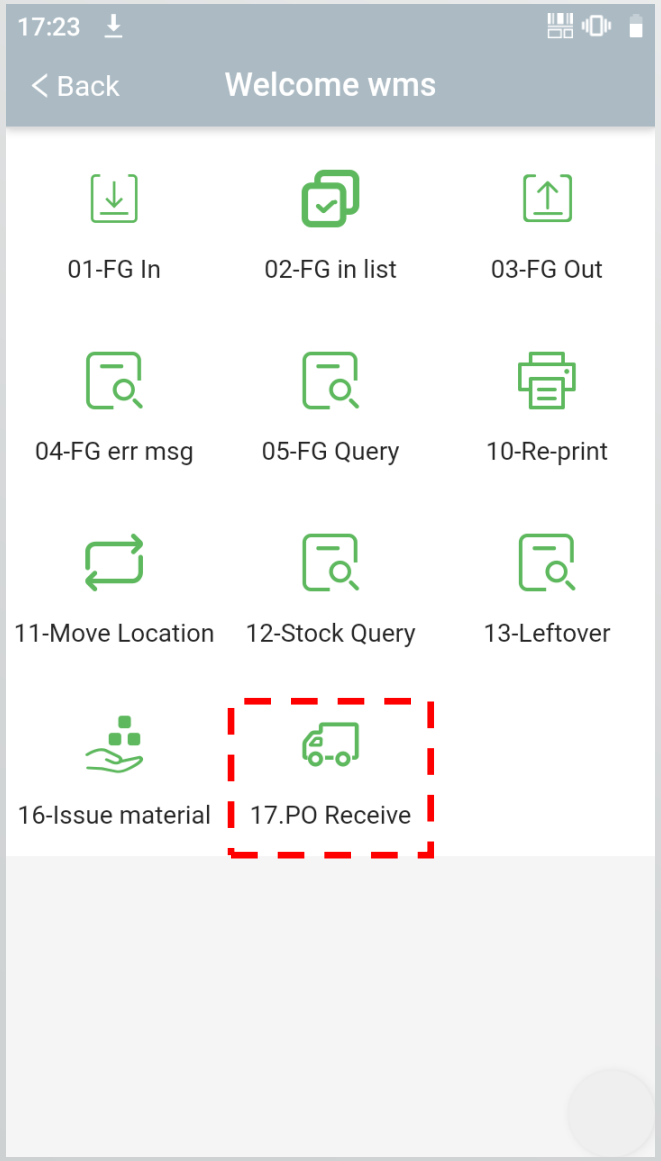
2.Input PO and press enter, will download list from SAP automatically.

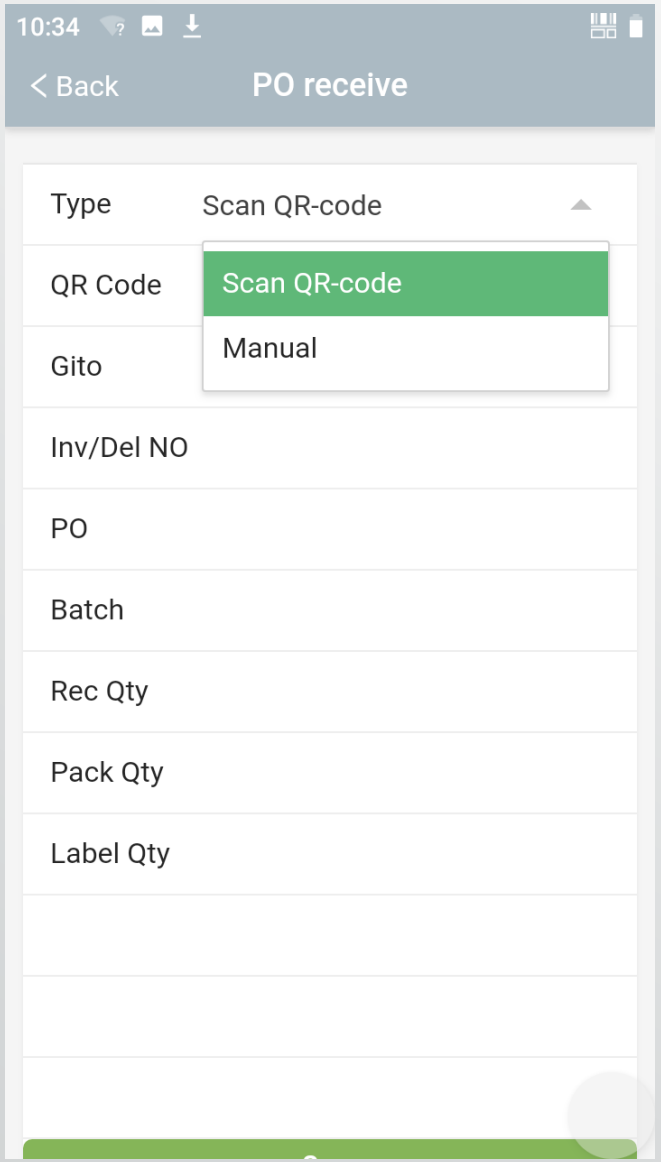
3.Select record from list.

4.Input receive quantity, pack quantity ,label quantity and press enter.

5.Click the save button to submit the data.

PO receive - PDA





PO Receive

1.Choose the scan or manual.

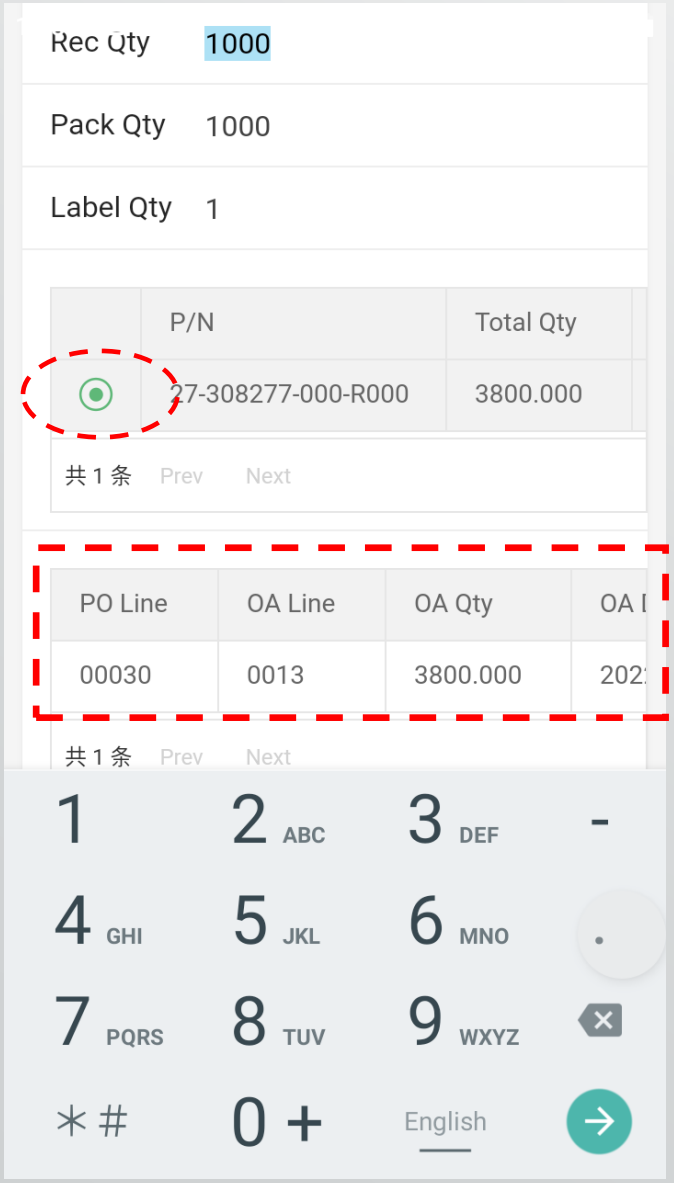
2.Scan QR-Code if you choose the type is “Scan QR- code”.

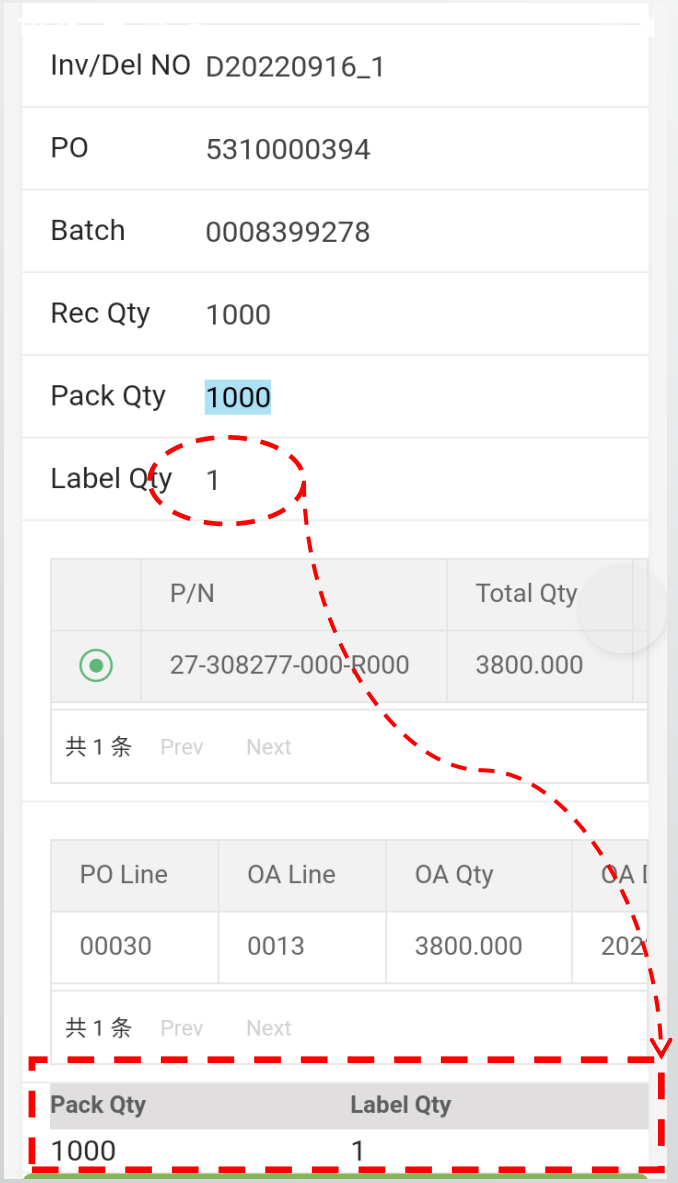
3.Invoice#, PO#, Batch# and quantity will be download from system automatically.

2 way can be used to receive goods, first is to scan the QR code, then related PO#, batch# and qty. etc. will automatically show up and we do not need input one by one.

2nd way is manual receiving, we then have to input invoice#, PO#, qty. etc.

PO receive - PDA





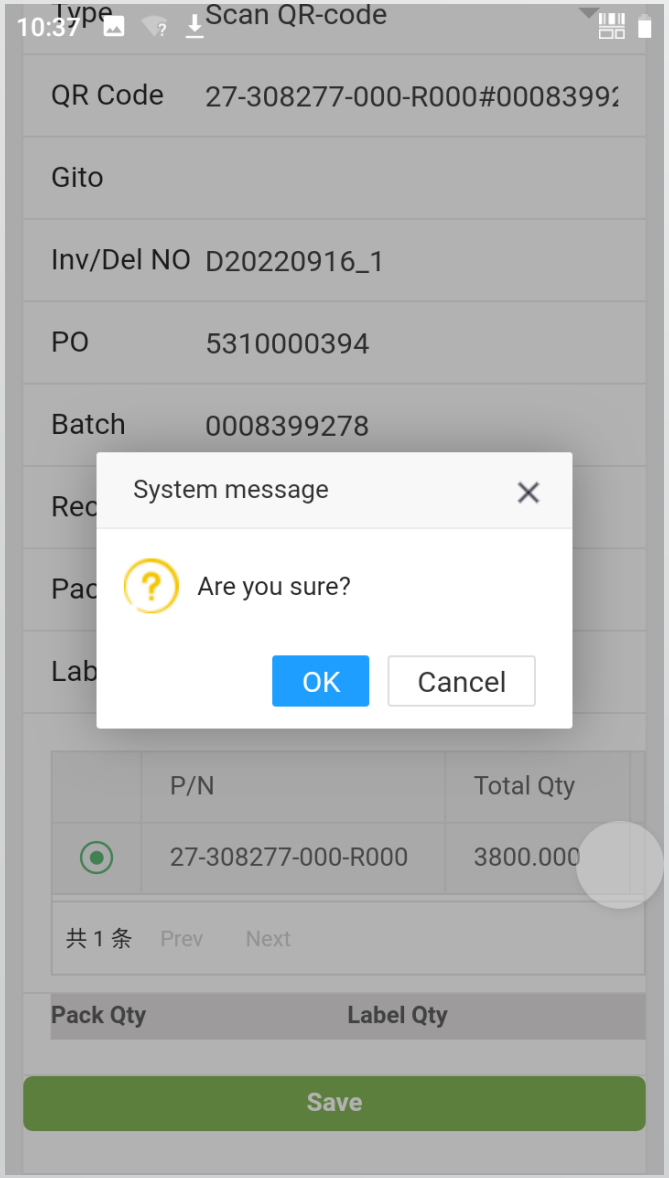
PO Receive

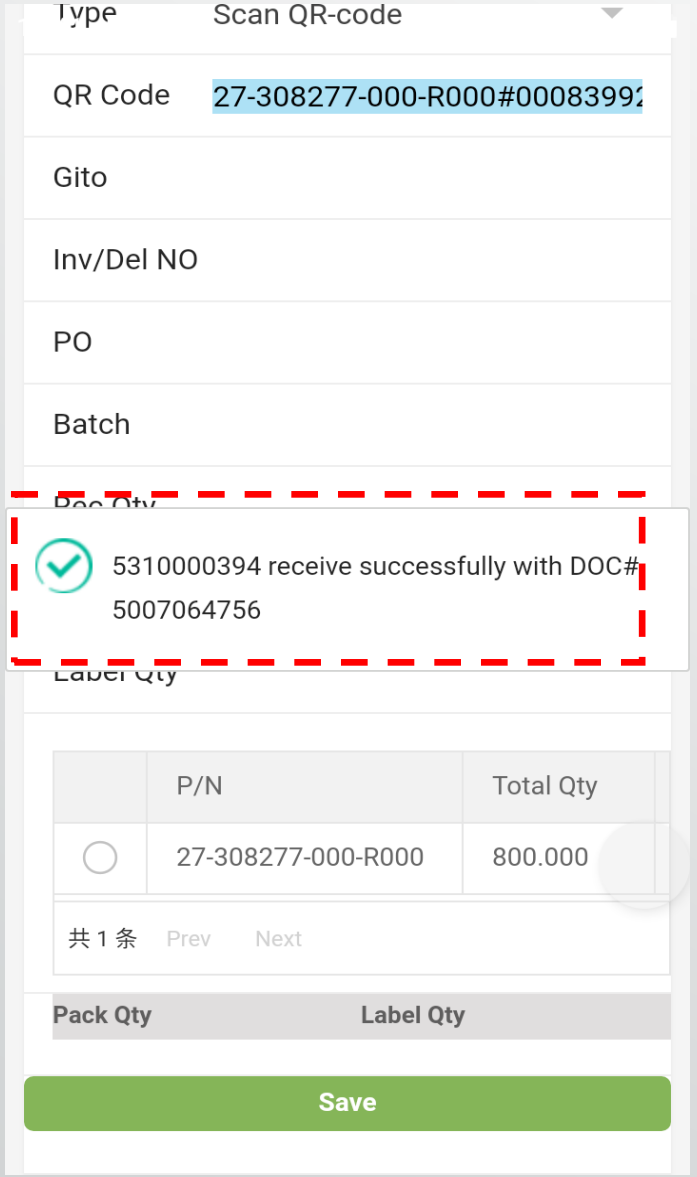
4.Choose the material from item list.

5.The outstanding PO line, OA line will automatically pop up from system.

6.Save your record after input completed.

PO receive - PDA



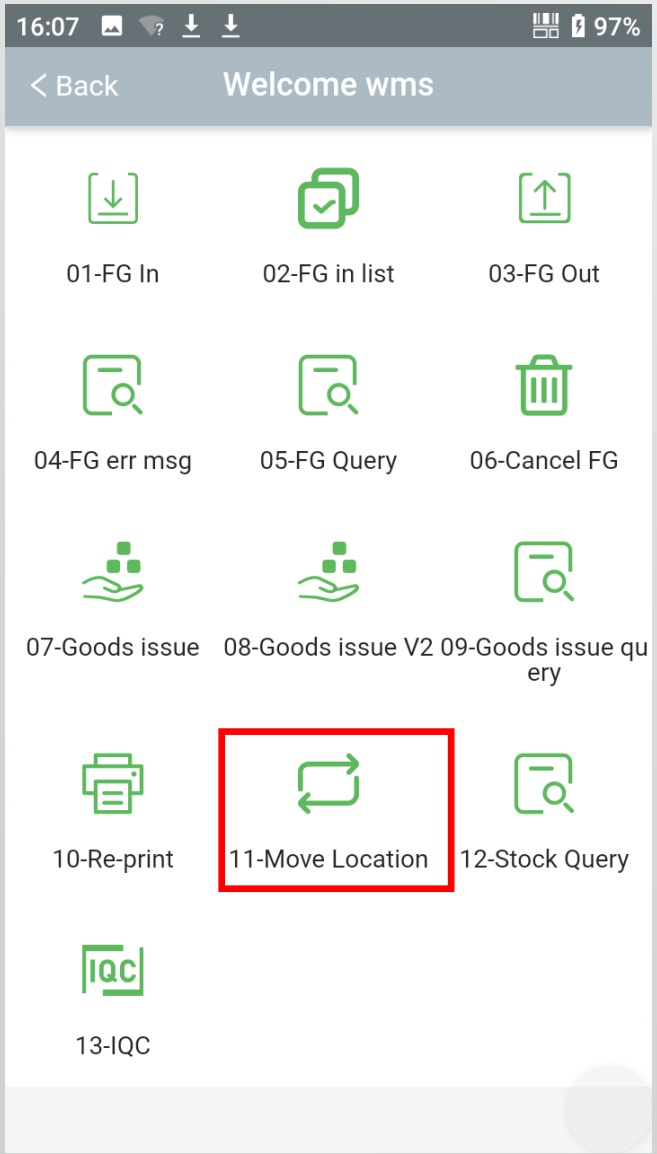


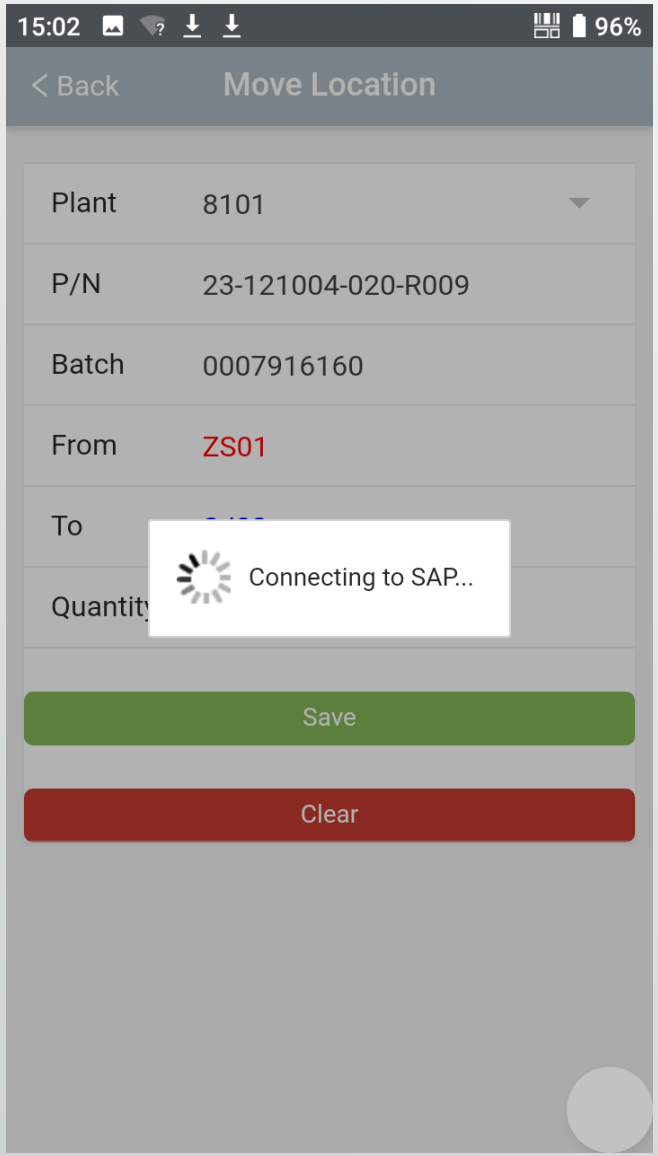
PO Receive

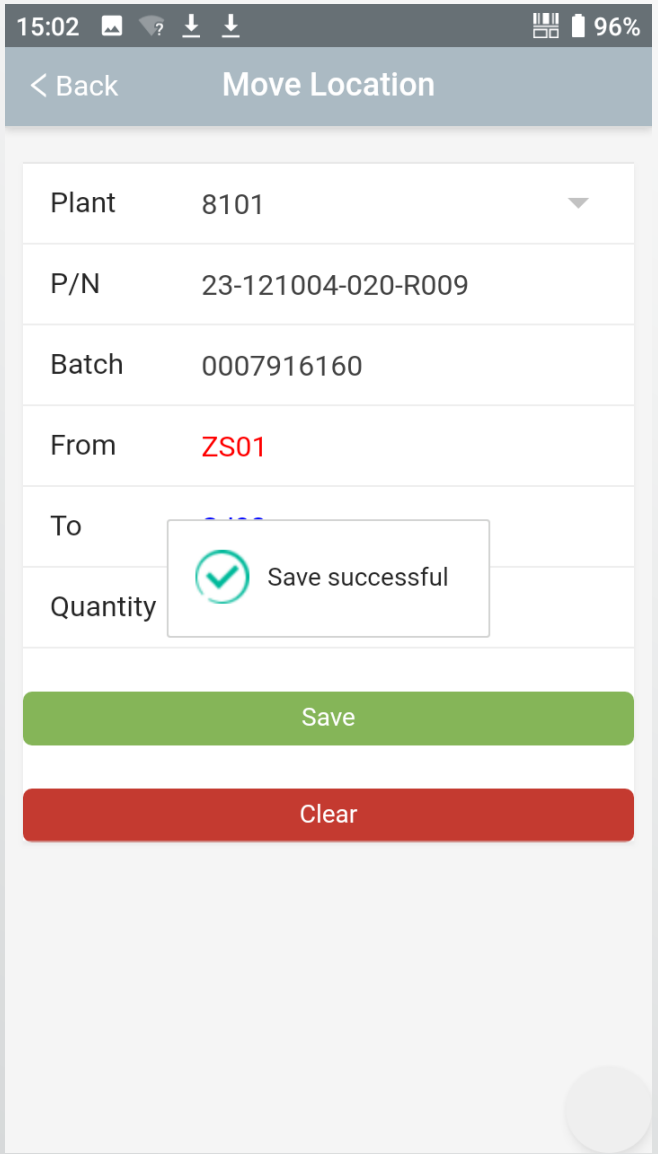
7.System will automatically show up the message and doc number.

Move location

Move location







Move location

1.Select a plant from list.

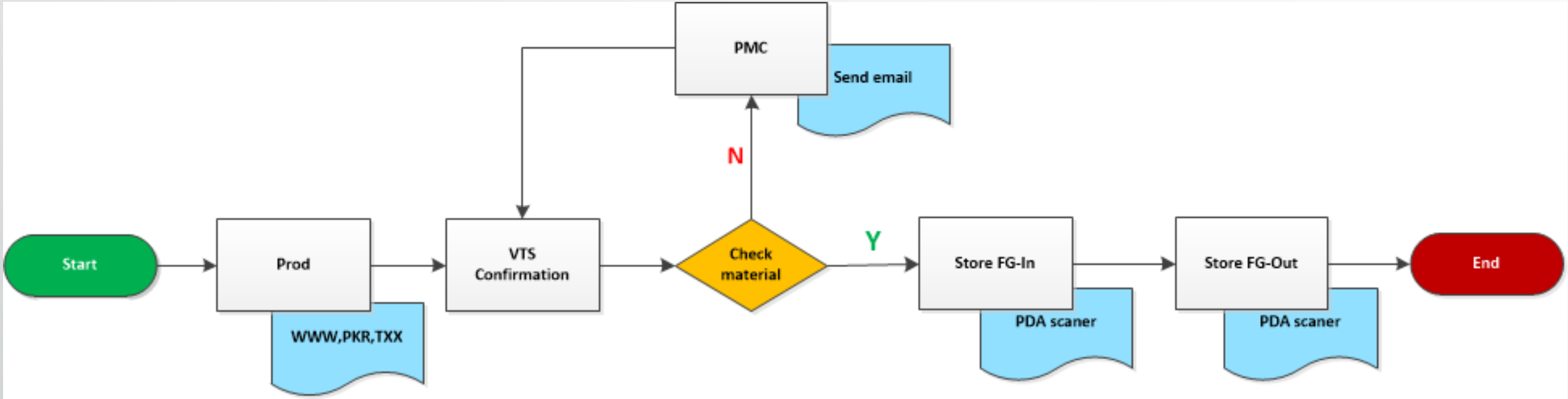
2.Scan material QR_Code or input material and batch number.

3.Input old location and new location.

4.Click the “Save” button.

FG-In & FG-Out

Flow



Flow

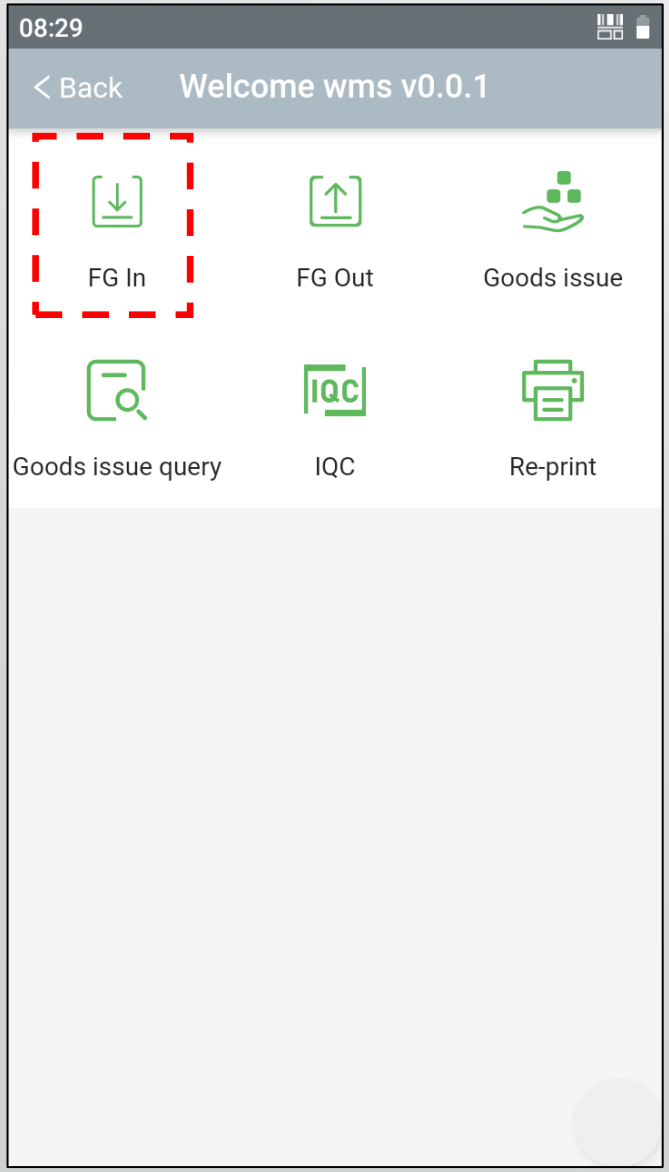
1.Prod scan serial number in process(TXX,WWW,PKR…).

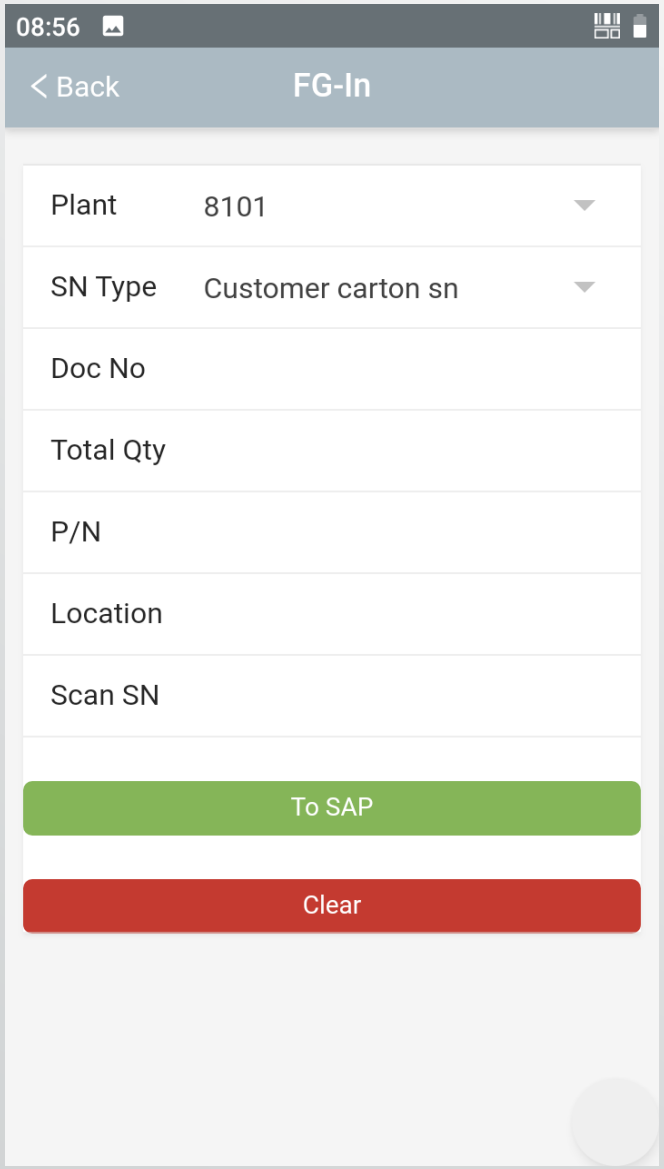
2.VTS will upload output(confirmation) to SAP automatically.

3.FG-In(Serial doc number, carton sn or customer sn).

4.FG-Out(DN, carton sn or customer sn)

FG-In





FG-In

1.Click ”FG-In”.

2.Select a plant，e.g. 8101,5301, 6501

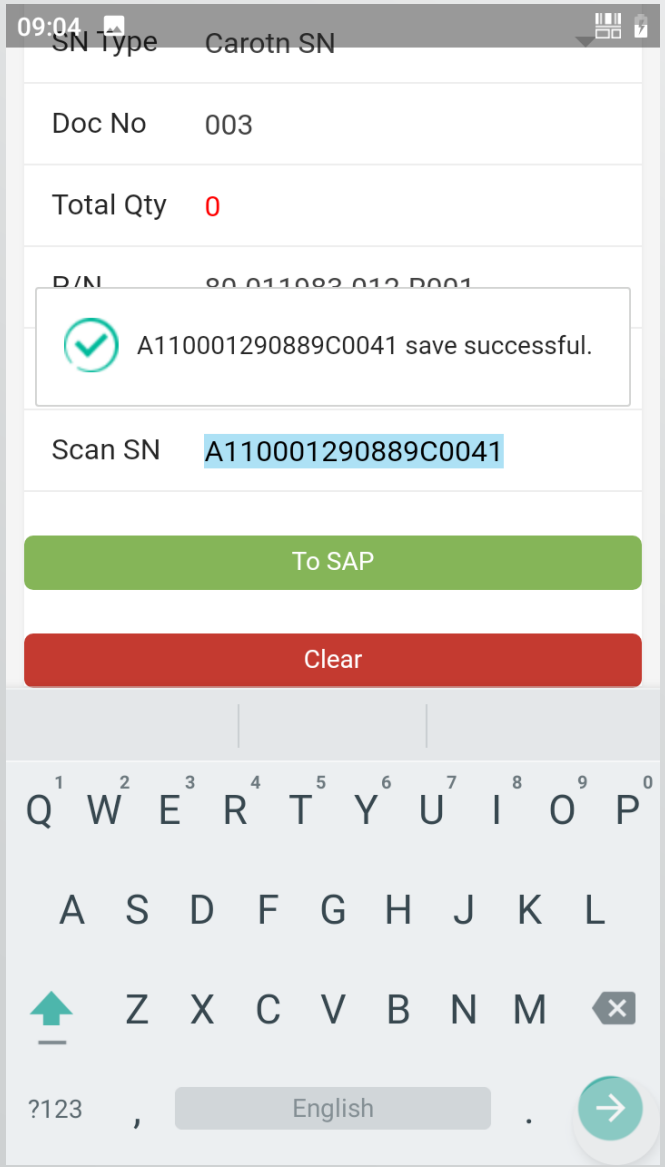
3.Select sn type.

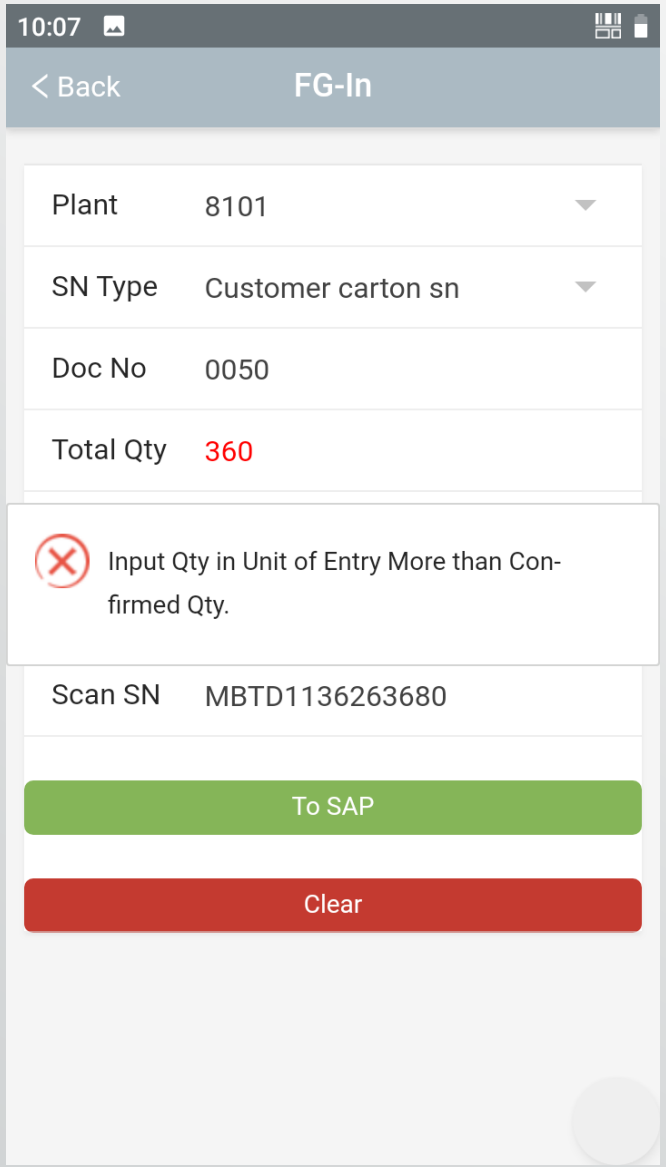
4.Input doc number and press enter.

5.Input product name and location.

6.Scan serial number (Carton SN & Product SN).

FG-In



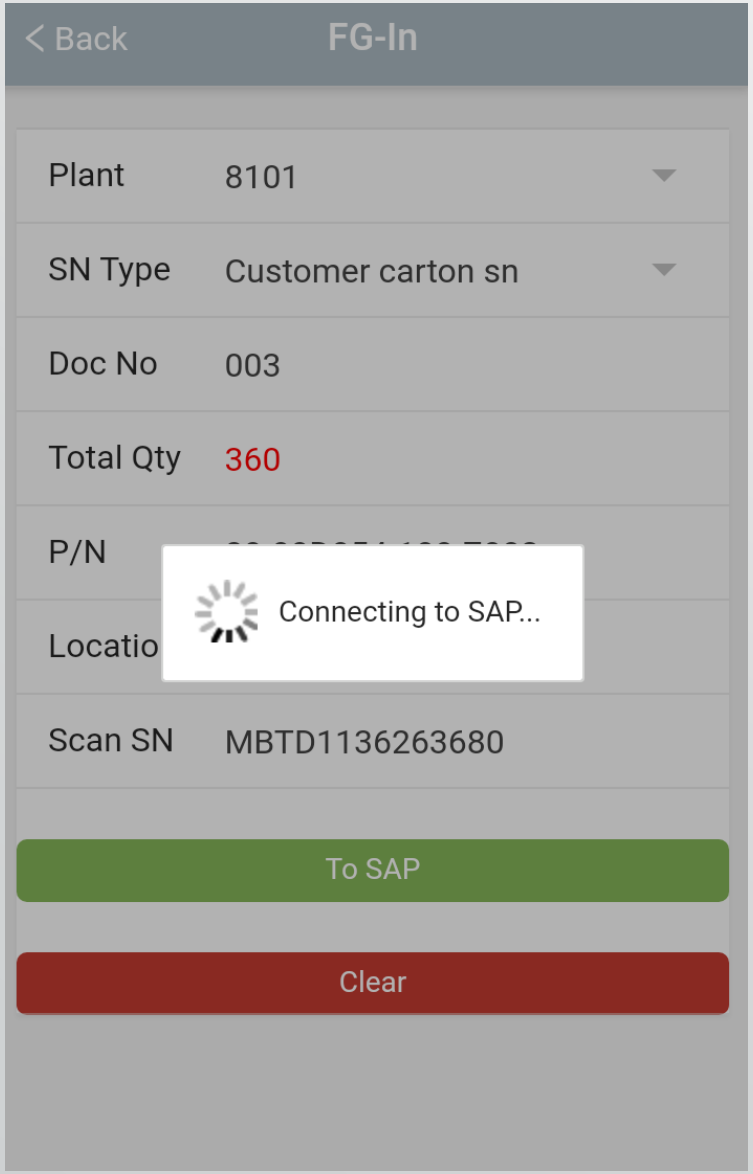


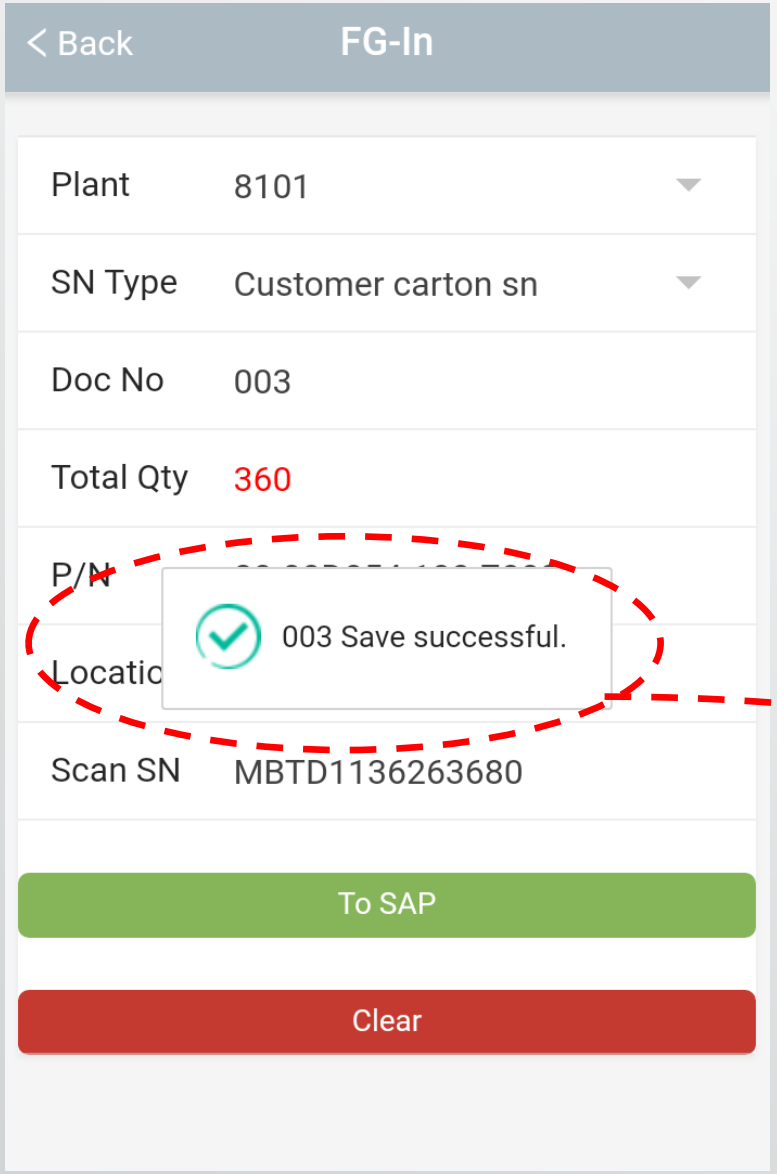
FG-In

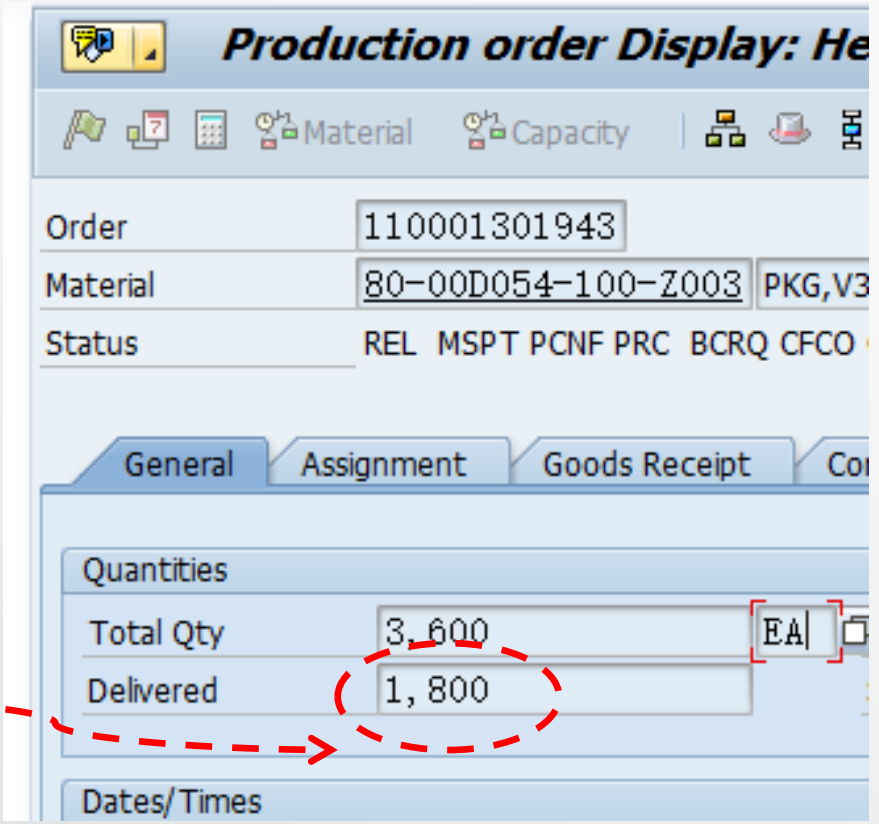
1.Scan sn one by one.

2.If the sn is incorrect, system will show the error message.

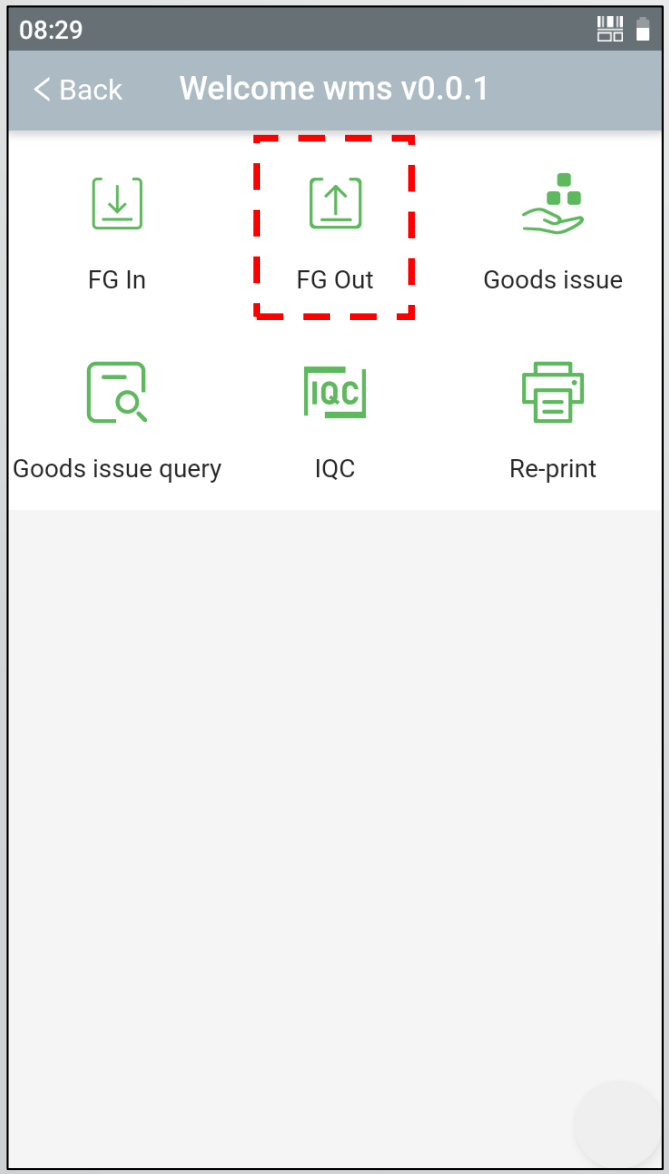
FG-In

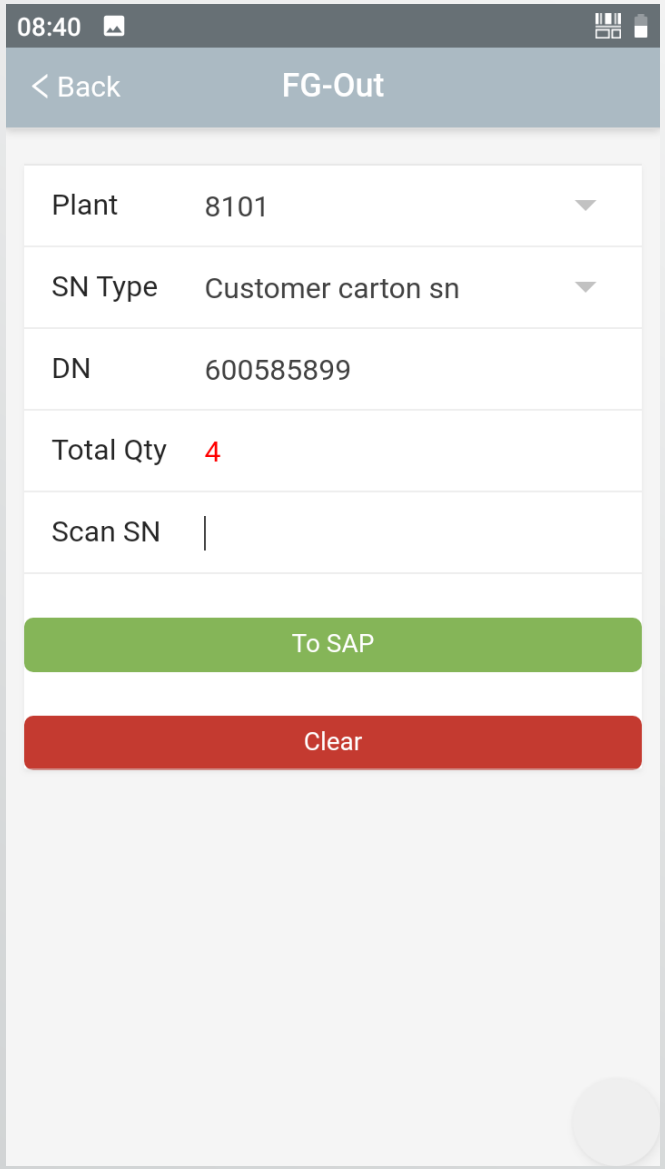

Back
FG-In
Plant
8101
SN Type
Customer carton sn
Doc No
003
Total Qty
360
P/N
Locatio
Connecting to SAP...
Scan SN
MBTD1136263680
To SAP
Clear


Back
FG-In
Plant
8101
SN Type
Customer carton sn
Doc No
003
Total Qty
360
P/N
Locatic
003 Save successful.
Scan SN
MBTD1136263680
To SAP
Clear


Production order Display: He
Material
Capacity
Order
110001301943
Material
80-00D054-100-Z003
PKG,V3
Status
REL MSPT PCNF PRC BCRQ CFCO
General
Assignment
Goods Receipt
Quantities
Total Qty
3,600
EA
Delivered
1,800
Dates/Times

FG-Out





FG-Out

1.Click ”FG-Out”.

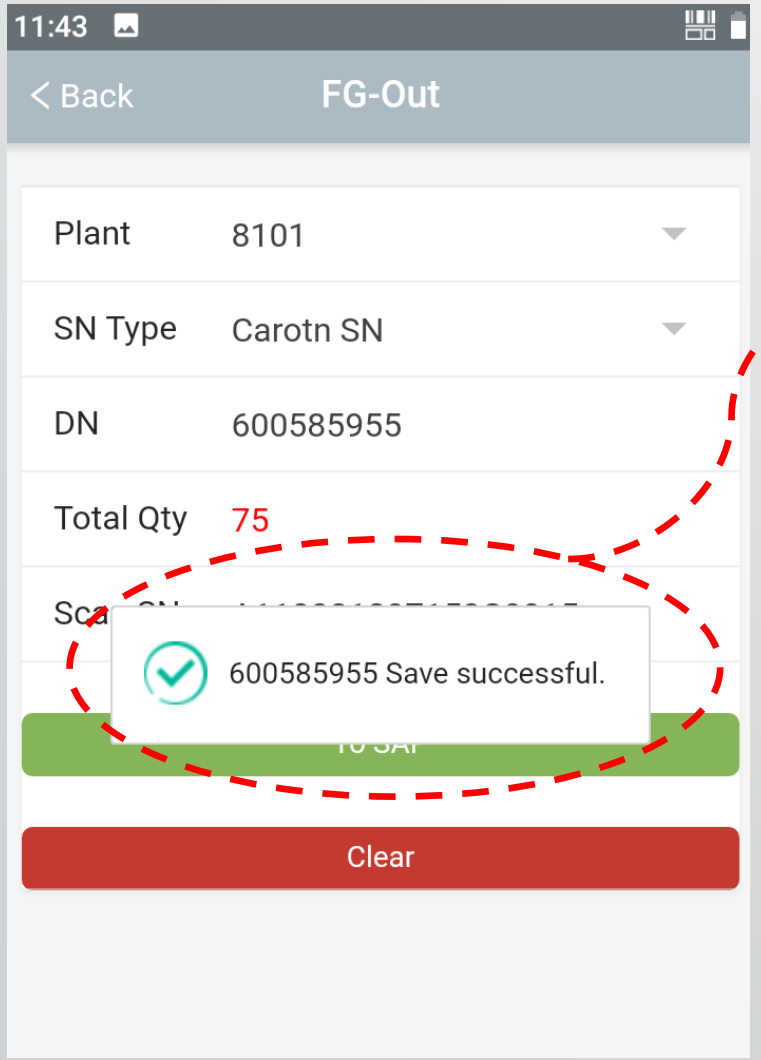
2.Select a pant, e.g. 8101,5301,6501.

3.Select sn type.

4.Input DN number and press enter.

5.Scan serial number(Carton SN & Product SN).

FG-Out



Report to ZSERIAL

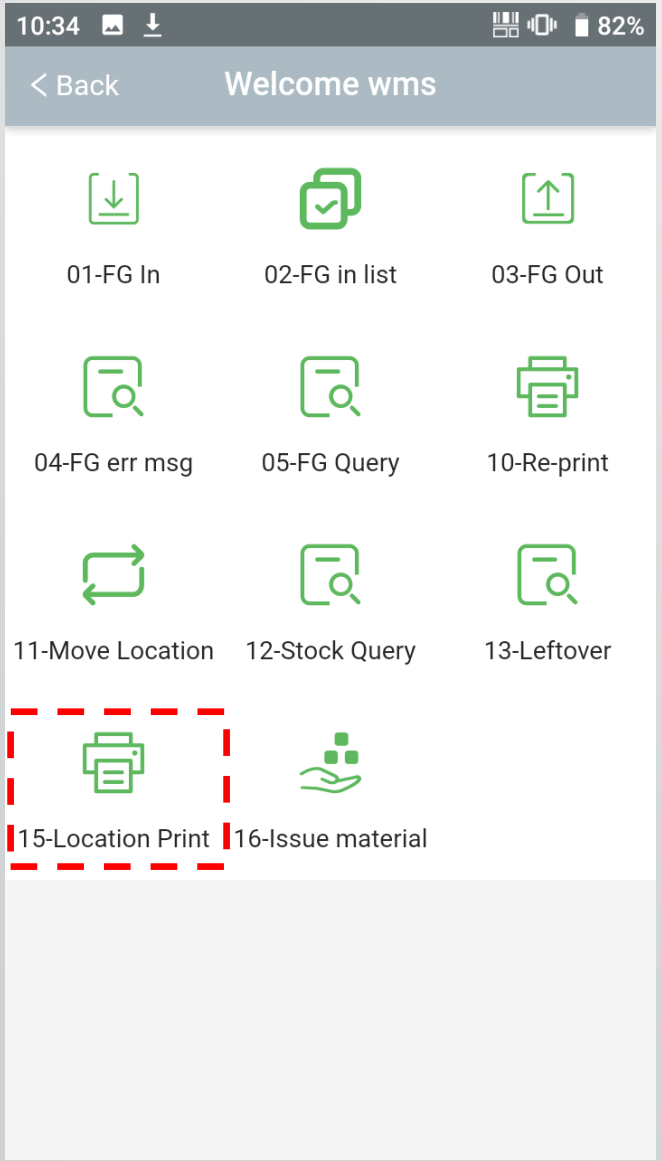
SN Document Number	Material	Batch Number	Pla...	Storage Location	SN QTY
600585955	80-00D087-001-R000	0007868204			75

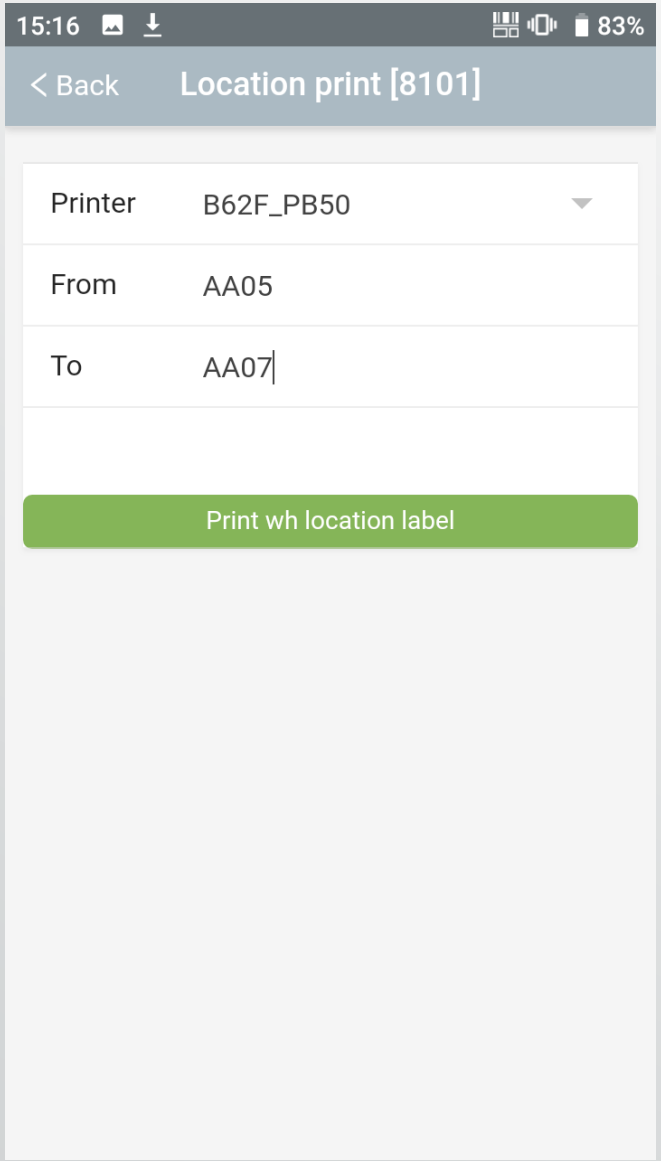
Material Document List

HeaderText	Material	Pla...	SLoc	M...	Batch	Qty in unit of entry
004	80-00D087-001-R000	8101	FA05	101	0007868204	75
	80-00D087-001-R000	8101	FA05	601	0007868204	75-

Location label print

Location label print





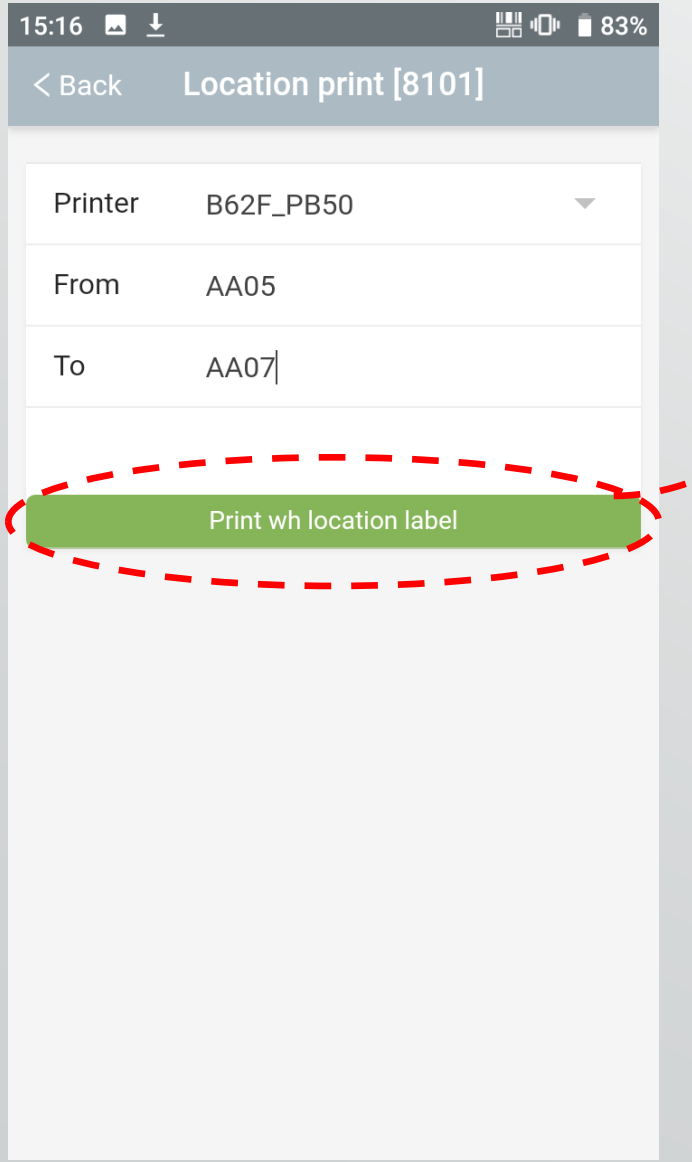
Location label print

1.Click “Location print”.

2.Select a print from list.

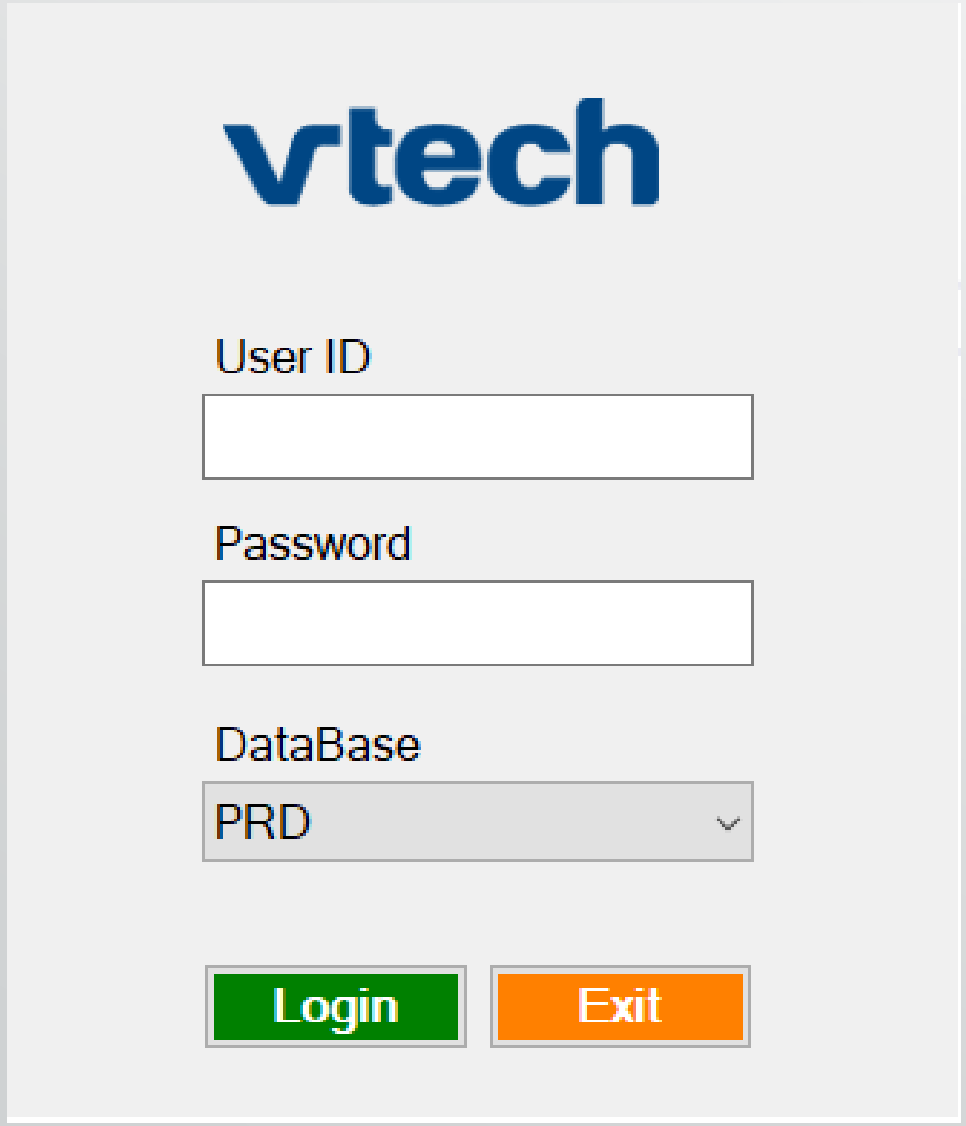
3.Enter location, e.g. From “AA05” to “AA07”, System will print “AA05”,”AA06” and “AA07”.

Location label print



Material label print

RT label print



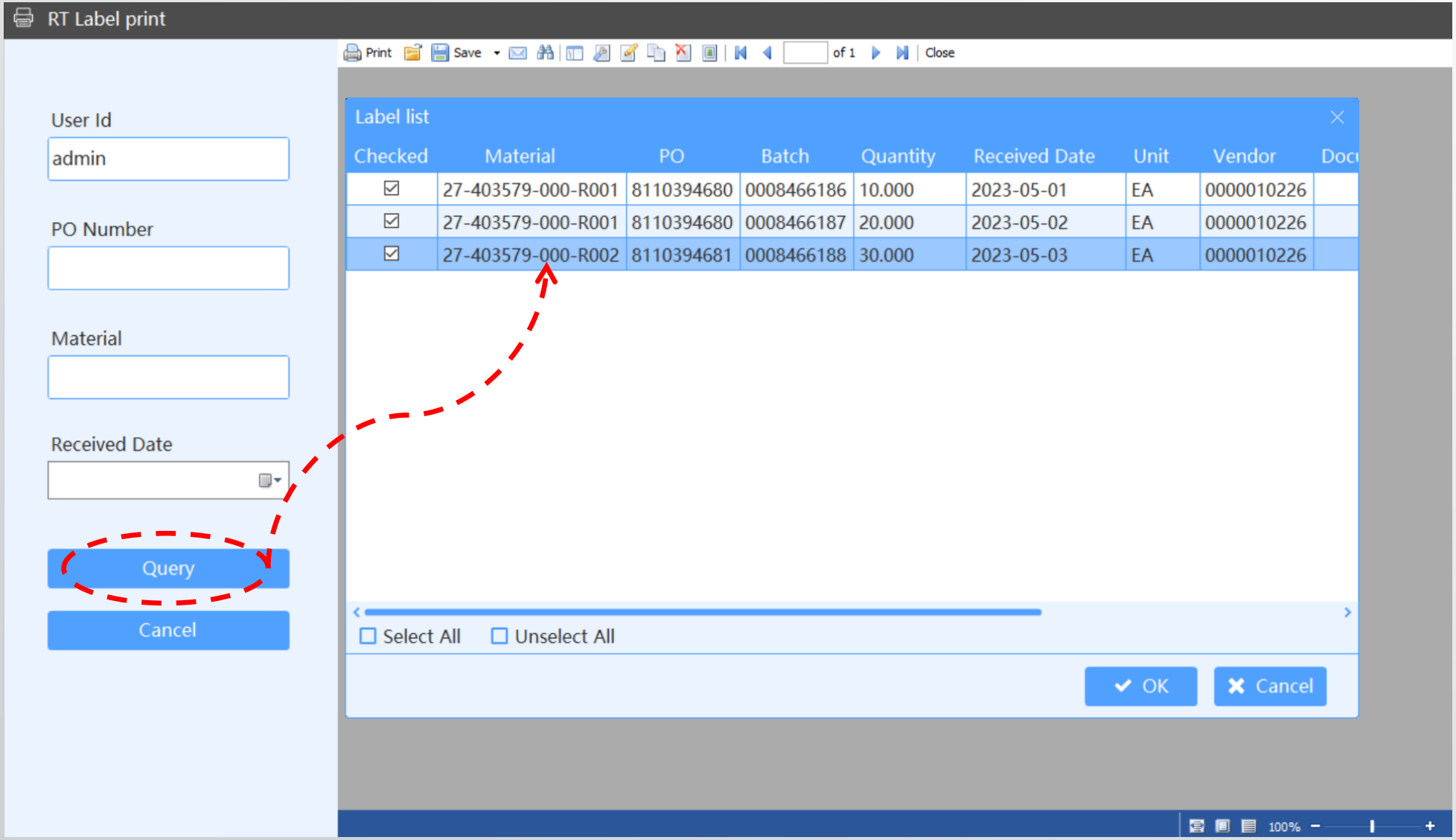
Login

1.Input your id and password.

2.Select PRD or QAS.

3.Click the “Login” button.

Material label print



RT label print

1. User ID is required and you can skip po# , material and date.

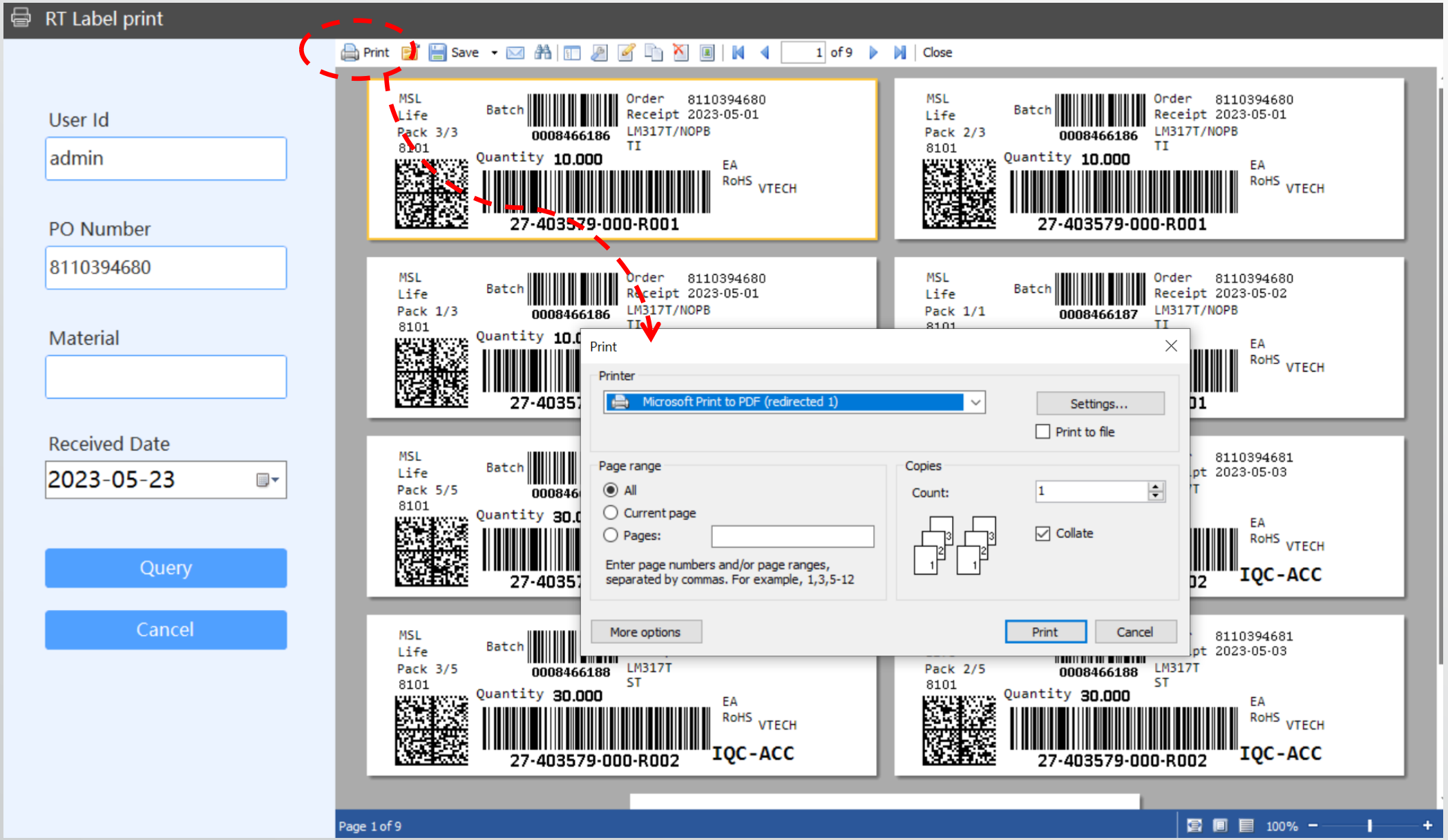
2.Click “Query” button to preview label list.

3.Select item from list and submit.

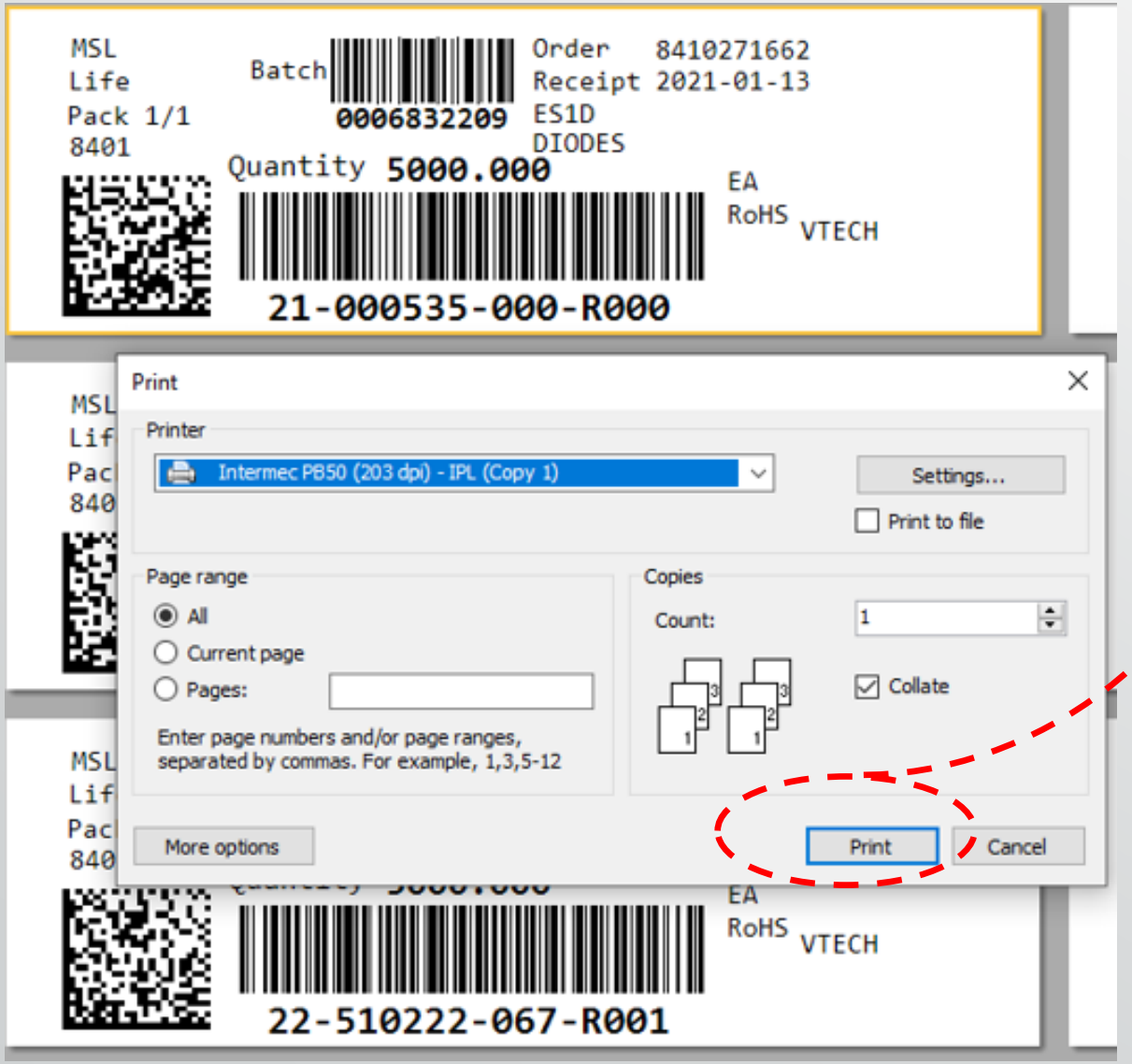
4.Click “Print” button and select a printer.

5. Current label list will be printed out from system automatically.

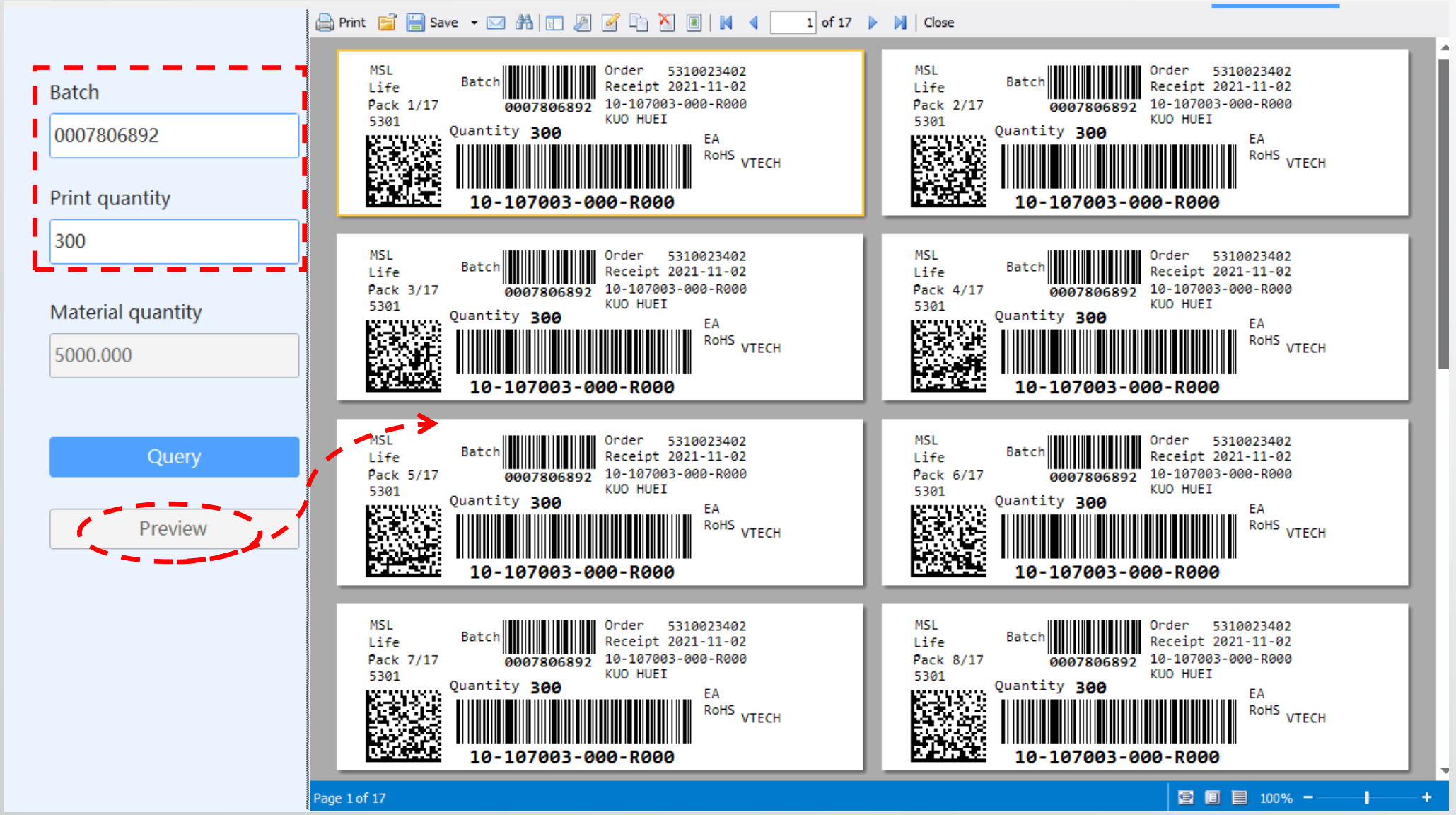
Material label print



RT label print



RT label re-print



Re-print

1.Input batch number.

2.Input print quantity.

3.Click “Query ” button to download data from SAP.

4.Click “Preview” button to preview label list.

5.If you change the print quantity, need click “Query” and “Preview” button again.

RT label re-print

Batch
0007806892
Print quantity
300
Material quantity
5000.000
Query
Preview

Print Save 1 of 17 Close

MSL Life Pack 1/17 5301 Batch 0007806892 Order 5310023402 Receipt 2021-11-02 10-107003-000-R000 KUO HUEI Quantity 300 EA RoHS VTECH 10-107003-000-R000

MSL Life Pack 2/17 5301 Batch 0007806892 Order 5310023402 Receipt 2021-11-02 10-107003-000-R000 KUO HUEI Quantity 300 EA RoHS VTECH 10-107003-000-R000

MSL Life Pack 3/17 5301 Batch 0007806892 Order 5310023402 Receipt 2021-11-02 10-107003-000-R000 KUO HUEI Quantity 300 EA

MSL Life Pack 4/17 5301 Batch 0007806892 Order 5310023402 Receipt 2021-11-02 10-107003-000-R000 KUO HUEI Quantity 300 EA RoHS VTECH

MSL Life Pack 5/17 5301 Order 5310023402 Receipt 2021-11-02 10-107003-000-R000 KUO HUEI EA RoHS VTECH

MSL Life Pack 7/17 5301 Order 5310023402 Receipt 2021-11-02 10-107003-000-R000 KUO HUEI Quantity 300 EA RoHS VTECH 10-107003-000-R000

MSL Life Pack 5301 Order 5310023402 Receipt 2021-11-02 10-107003-000-R000 KUO HUEI Quantity 300 EA RoHS VTECH 10-107003-000-R000

Print

Printer: Intermec PB50 (203 dpi) - IPL
Settings...
Print to file

Page range
All
Current page
Pages:
Enter page numbers and/or page ranges, separated by commas. For example, 1,3,5-12

Copies
Count: 1
Collate

More options
Print
Cancel

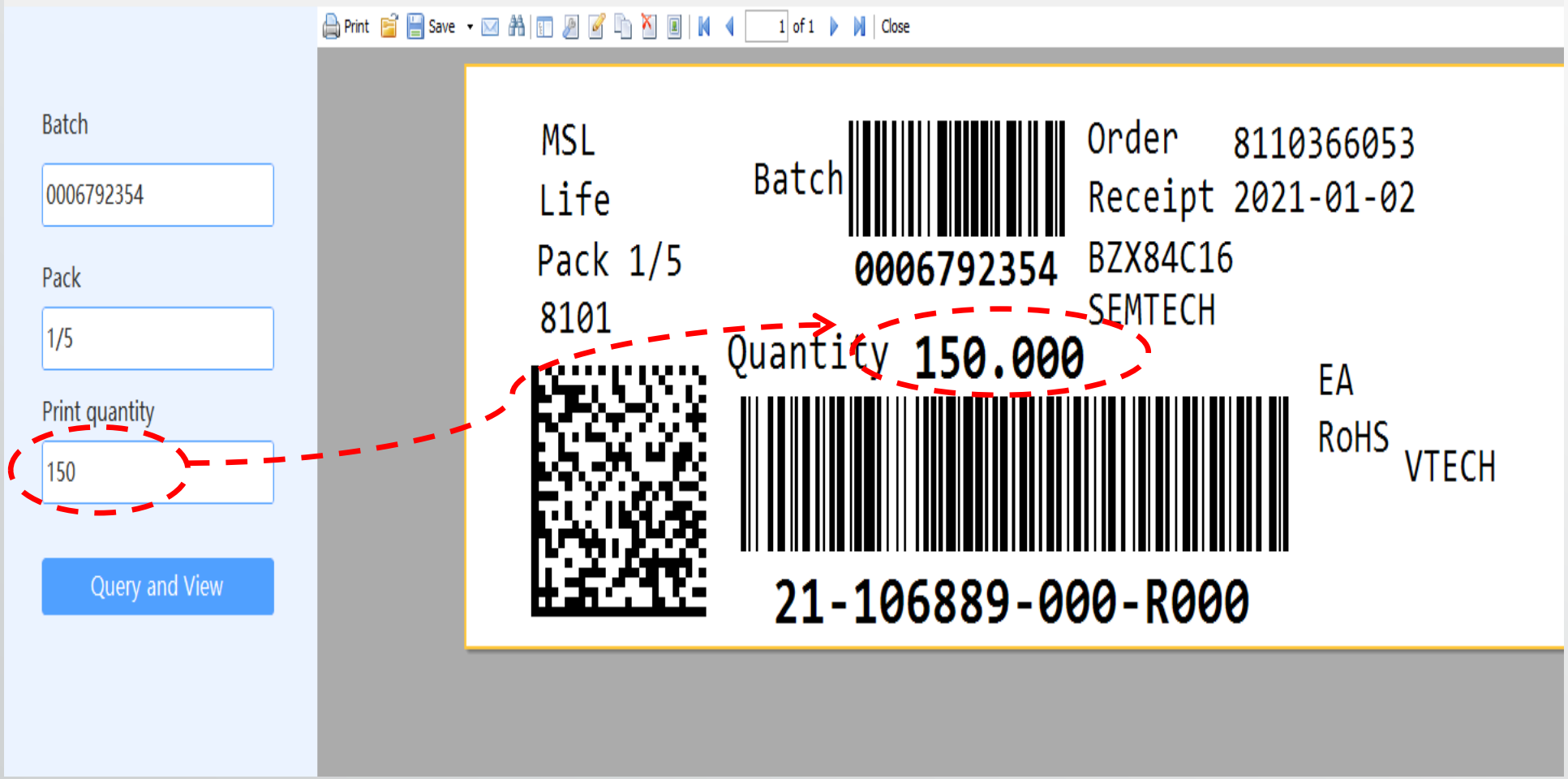
Page 1 of 17 100%

Re-print

6.Click “Print” button and select a printer.

7. Current label list will be printed out from system automatically.

RT label re-print one by one

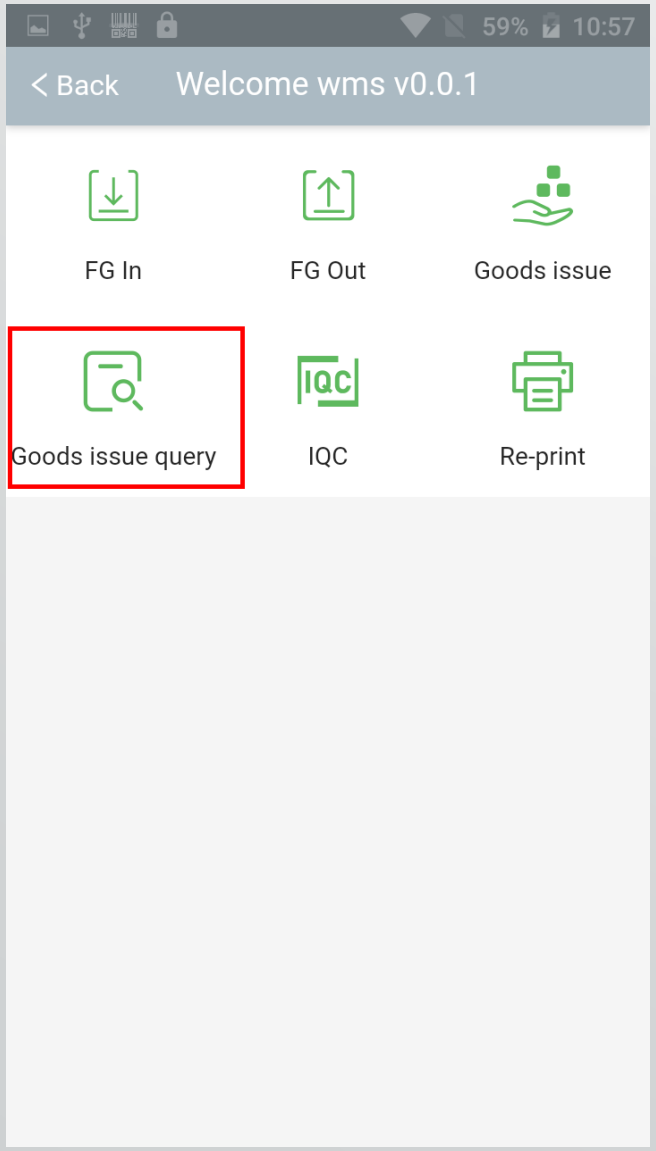


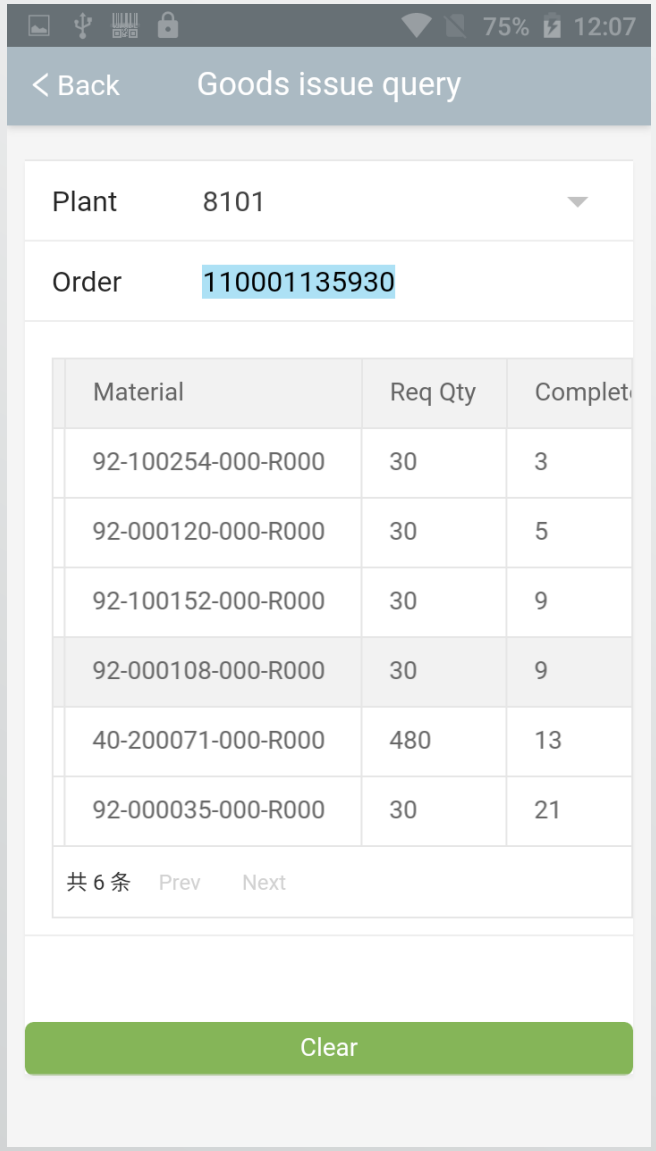
Re-print

You can input the quantity and print label one by one.

Reports

Issue material query





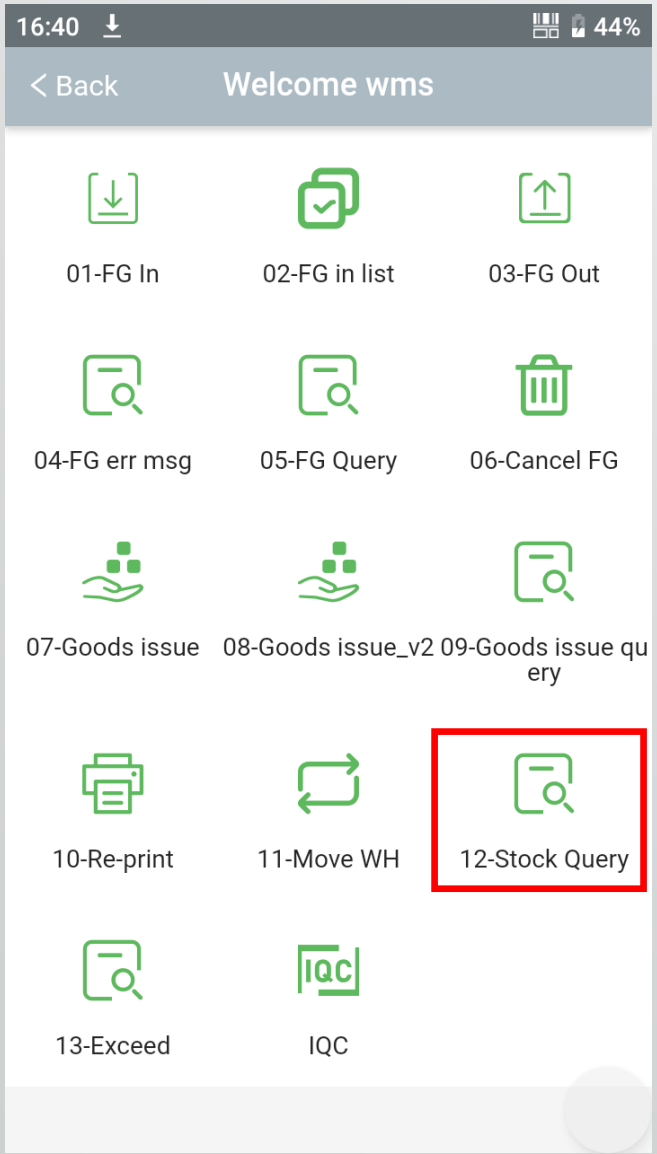
Query

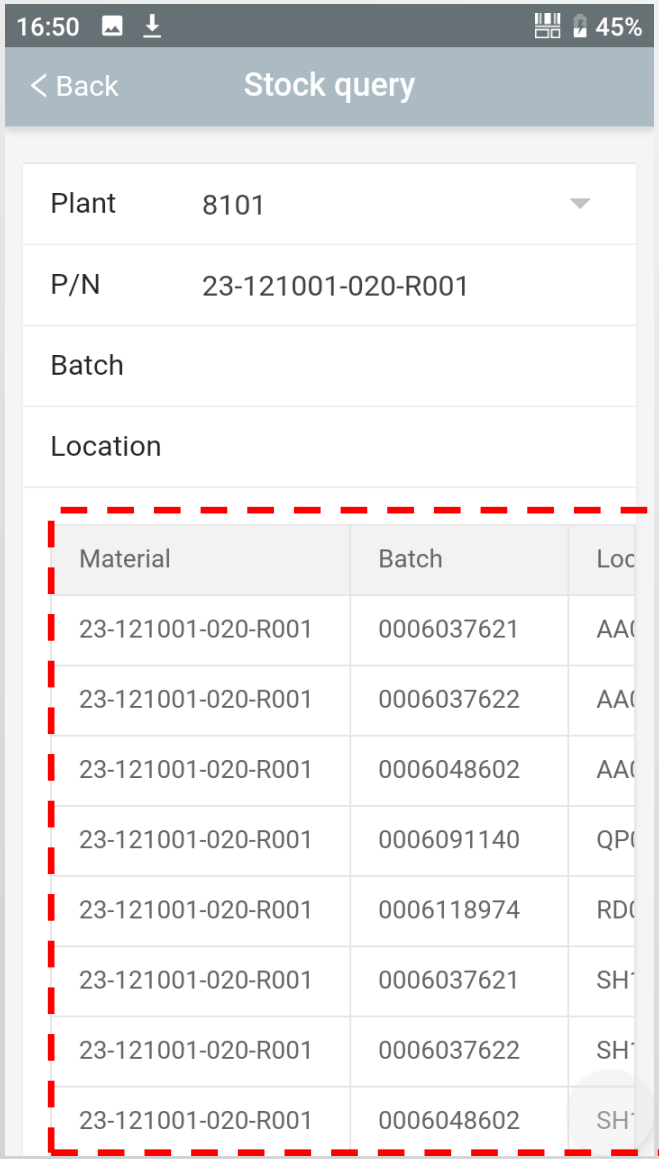
1.Click”Issue material query”.

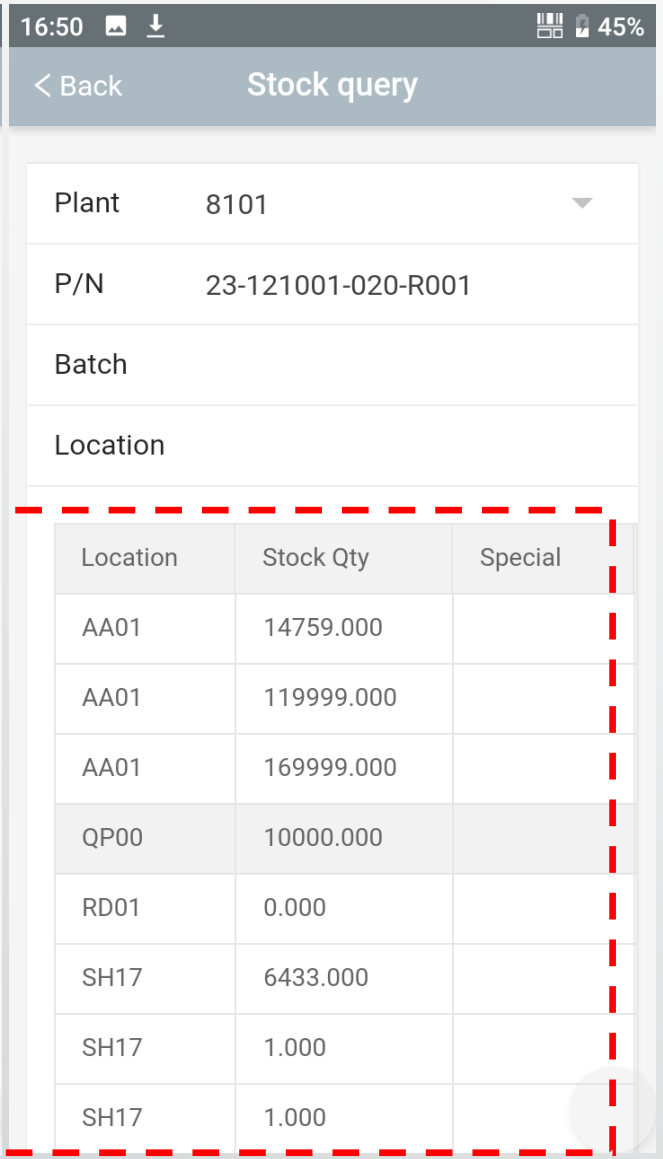
2.Select a plant from list.

3.Input or scan work order, will show data in list.

Stock query







Stock Query

1.Click”Stock query”.

2.Select a plant from list.

3.Input p/n , batch or location, will show data in list (following red rectangle)

Thank You