

Request:

## 1 Business scenario:

### Special Rework from Vendor -

Warehouse 'Return' stock to Vendor for Rework purpose and the reworked stock will be returned to warehouse without new PO creation in customer SAP system.

Ops require to able to re-receiving return rework stock, perform manual receiving and recall the IMEI numbers for the original PO.

**Receipt Group = "REWORK"**

### 1.1 System changes:

1. **Orders creation – new "SWAP Return" Function , Below system processes:**
  - a. Auto-Create ASN type = "REWORK" , ExternReceiptkey = "R"+Orderkey
  - b. Create ASN for selected Order line,
    - ASN line creation by PO/POLinenummer.
    - Adjust PO Line Qtyreceived - Shippedqty, Instruction = "Return Order"
  - c. Indicate Re-work created in orderdetail. Update Orderdetail.flag1 = 'Y' , CustShipInst01 = Receiptkey
  - d. Re-open PO Detail and Reset PO/Inbound HPDD IMEI set Utilized flag = 'N' , Reference2 = 'RETURN' for SWAP, open qty = order shipped qty
  - e. Send Recall HPDD ( Tablename = PDDR2) \*\*< system will recall the entire Order>
2. Create ASN as Type = 'REWORK', as manual ASN, no EDI GR to SAP.
  - Ops to receive the ASN
3. Receiving – to allow validate Scan Serial number.
  - Ops to re-receiving the ASN
4. Validate the STPDD-hppd IMEI , utilised flag = N

## 2 WMS Update Change:

### 2.1 PO type

Create New PO TYPE = REWORK - no EDI message to SAP.

SMPOTYPE	PO TYPES	<input checked="" type="checkbox"/>	05
SMSKUCLASS	SKU CLASS	<input checked="" type="checkbox"/>	05
SMSKUGRP	SKU GROUP	<input checked="" type="checkbox"/>	05
<div> Add Row  Delete Row</div>			
<b>Detail</b>			
Code		Description	
LR	RMA-LR		
NB	Normal PO		
REPAIR	REPAIR (PBA)		
REWORK	REWORK-NoEDI		
UB	STO		
ZLRR	RMA-ZLRR		

### 2.2 Orders Creation – Swap Return

The screenshot shows the 'Order Creation' window in SAP. The 'SWAP Return' button is highlighted with a red box. The window is divided into several sections:

- Order Header:** Contains fields for WMS Order # (0000000414), Status (Shipped), SO # (0071486028), HAIB#, Planned GI Date (16-12-2017), Req. Delivery Date (14-12-2017), Priority (5), WaveKey (0000000290), and Remarks.
- References:** Contains fields for Order Group, FOB#, Flight#, Inco Term, Loading Point, City Dest., Discharge Place (Ship-to Location), Freight Charges, and Payment Terms.
- Order Detail:** A table with columns: Line #/Alt. Line #, Dimension Weight, Allocation, Others, Description, Batch No, Storage Loc, Packkey, Uom, Order Qty, Allocated Qty, Picked Qty, and QTY. The table contains three rows of data for different SKUs.

Click on button [SWAP Return]

The screenshot shows a window titled "List of Order Items" with a table of order items. Each row has a checkbox in the "Return Flag" column. The first two rows are highlighted in blue, and the third row is highlighted in yellow.

Return Flag	Line #	Ext. Line #	SKU	Class	Description	Batch N
<input type="checkbox"/>	00010	000010	1311-3499	WC3	G3412/Exchange PBA/CS (Generic Excha	
<input type="checkbox"/>	00020	000020	1311-3502	WC3	G3416/Exchange PBA/CS (Generic Excha	
<input type="checkbox"/>	00030	000030	1311-3510	WC3	G3426/Exchange PBA/CS (Generic Excha	

At the bottom of the window are "Save" and "Cancel" buttons.

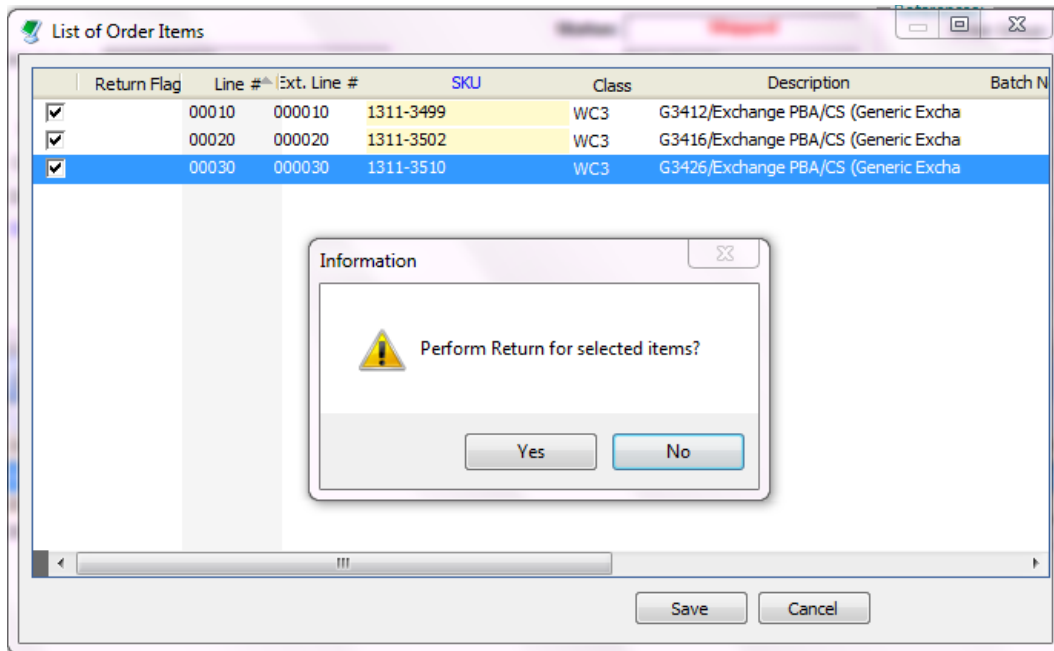
Select item lines to return receiving:

The screenshot shows the same "List of Order Items" window, but now the checkboxes in the "Return Flag" column are checked for all three items. The first two rows are highlighted in blue, and the third row is highlighted in yellow.

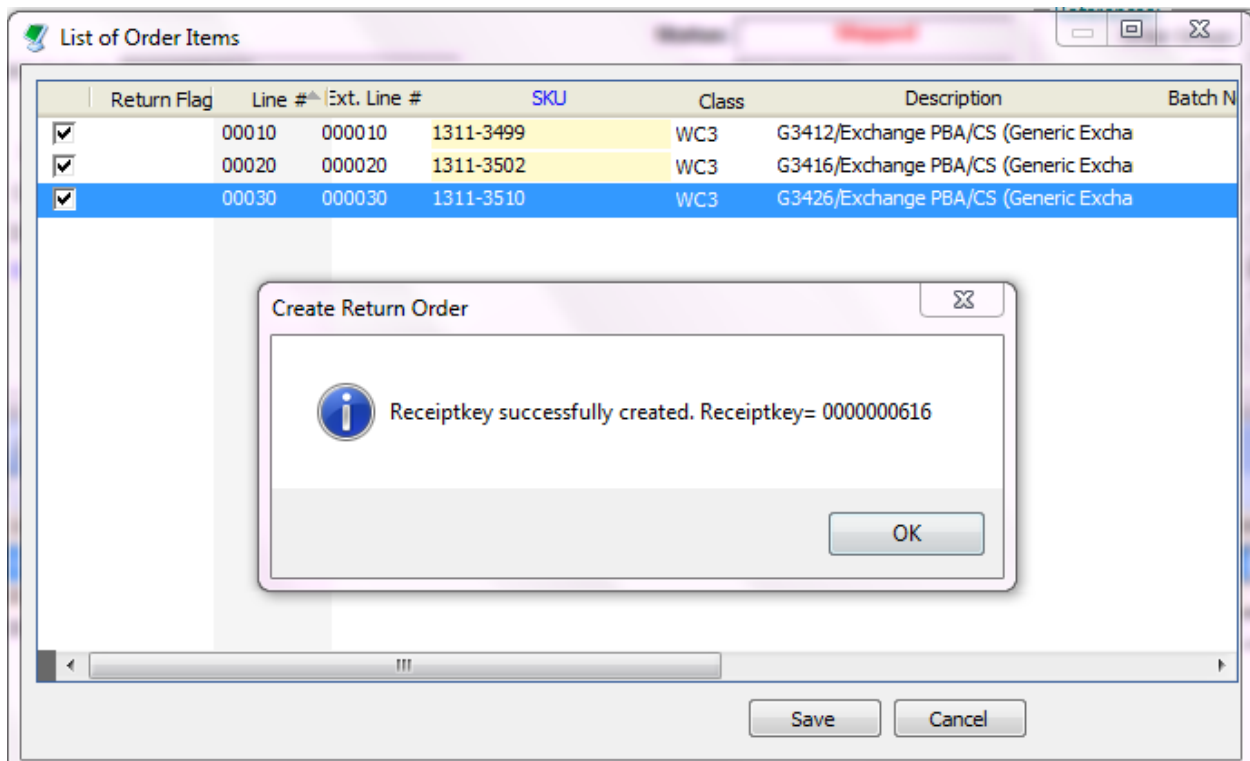
Return Flag	Line #	Ext. Line #	SKU	Class	Description	Batch N
<input checked="" type="checkbox"/>	00010	000010	1311-3499	WC3	G3412/Exchange PBA/CS (Generic Excha	
<input checked="" type="checkbox"/>	00020	000020	1311-3502	WC3	G3416/Exchange PBA/CS (Generic Excha	
<input checked="" type="checkbox"/>	00030	000030	1311-3510	WC3	G3426/Exchange PBA/CS (Generic Excha	

At the bottom of the window are "Save" and "Cancel" buttons.

Click [Save] to continue. System will prompt confirmation query.



Successfully created ASN



## 2.3 Check ASN creation

ASN 616 -

PO type = REWORK

Remarks = "Rework return "

Whse Ref = Return Orderkey

ASN Creation

Store: SK1

ASN Number: 000000016

Reference number: R0000000414

Type: REWORK-NOED

Status: Open

Dock Date: 25/01/2018 15:02:25

Vehicle Date:

Total Cases:

Total Pallets:

CarrierReference:

Received Date:

Remarks: Rework Return

Whse Ref.: 0000000414

Line#	ExtentLine#	SKU	Description	PO #	PO Line#	UOM	Expected Qty	Received Qty	Reference1	IssueDate	COO
00001	00001	1311-3499	G3412/Exchange PBA/CS (Generic Exchan...	0071478330	00010	EA	50.0000	0	30		
00002	00002	1311-3502	G3416/Exchange PBA/CS (Generic Exchan...	0071478330	00020	EA	1500.0000	0	30		
00003	00003	1311-3510	G3426/Exchange PBA/CS (Generic Exchan...	0071481743	00030	EA	193.0000	0	30		

## 2.4 IMEI Update

71478330

71481743

	SEMCPurchOrdNum	SEMCPurchOrdLineNum	UtilisedFlag	(No column name)
1	71478330	10	N	50
2	71481743	30	N	193
3	71478330	20	N	1500

HPDD Inbound SerialNo (STPDD)									
HPDD Inbound IMEI # (STPDD files) - Normal PO									
S/N	Cust ref num	Semc PO No.	Semc PO Line	Actual shipdate	Qty ordered	Ship id	Part Number	Imei	Utilisedflag Pallet num
1	3001	71478330	10	20171010	50	7147833010	1311-3499	359905080489229	N CNRQ3P001Q1YF
2	3001	71478330	10	20171010	50	7147833010	1311-3499	359905080489146	N CNRQ3P001Q1YF
3	3001	71478330	10	20171010	50	7147833010	1311-3499	359905080489302	N CNRQ3P001Q1YF
4	3001	71478330	10	20171010	50	7147833010	1311-3499	359905080488940	N CNRQ3P001Q1YF
5	3001	71478330	10	20171010	50	7147833010	1311-3499	359905080488965	N CNRQ3P001Q1YF
6	3001	71478330	10	20171010	50	7147833010	1311-3499	359905080489443	N CNRQ3P001Q1YF
7	3001	71478330	10	20171010	50	7147833010	1311-3499	359905080488544	N CNRQ3P001Q1YF
8	3001	71478330	10	20171010	50	7147833010	1311-3499	359905080488841	N CNRQ3P001Q1YF
9	3001	71478330	10	20171010	50	7147833010	1311-3499	359905080746487	N CNRQ3P001Q1YF
10	3001	71478330	10	20171010	50	7147833010	1311-3499	359905080746289	N CNRQ3P001Q1YF
11	3001	71478330	10	20171010	50	7147833010	1311-3499	359905080488981	N CNRQ3P001Q1YF
12	3001	71478330	10	20171010	50	7147833010	1311-3499	359905080501643	N CNRQ3P001Q1YF
13	3001	71478330	10	20171010	50	7147833010	1311-3499	359905080489344	N CNRQ3P001Q1YF

HPDD-Inbound SerialNo (STPDD)										
<div> <div>Retrieve</div> <div>Zoom 100</div> <div>Export Excel</div> </div>										
HPDD Inbound IMEI # (STPDD files) - Normal PO										
S/N	Cust ref num	Semc PO No.	Semc PO Line	Actual shipdate	Qty ordered	Ship id	Part Number	Imei	Utilisedflag	Pallet num
1	3001	71478330	20	20171018	1510	7147833020	1311-3502	359906081419835	N	CNRQ3P001QM3
2	3001	71478330	20	20171018	1510	7147833020	1311-3502	359906081420791	N	CNRQ3P001QM3
3	3001	71478330	20	20171018	1510	7147833020	1311-3502	359906081427416	N	CNRQ3P001QM3
4	3001	71478330	20	20171018	1510	7147833020	1311-3502	359906081441276	N	CNRQ3P001QM3
5	3001	71478330	20	20171018	1510	7147833020	1311-3502	359906081449956	N	CNRQ3P001QM3
6	3001	71478330	20	20171018	1510	7147833020	1311-3502	359906081447117	N	CNRQ3P001QM3
7	3001	71478330	20	20171018	1510	7147833020	1311-3502	359906081430691	N	CNRQ3P001QM3
8	3001	71478330	20	20171018	1510	7147833020	1311-3502	359906081449931	N	CNRQ3P001QM3
9	3001	71478330	20	20171018	1510	7147833020	1311-3502	359906081449691	N	CNRQ3P001QM3
10	3001	71478330	20	20171018	1510	7147833020	1311-3502	359906081449352	N	CNRQ3P001QM3

## 2.5 PO Update – Reopen PODetail

Set Instruction = “Return order”

QtyReceived = - Qty Shipped

	Status	OpenQty	POKey	ExtemPOKey	PoGroup	StorerKey	PODate	SellersReference
1	0	1550.0000	0000000044	0071478330	Standard	SK1	2017-09-14 00:00:00.000	Z81874
2	0	193.0000	0000000229	0071481743	Standard	SK1	2017-10-19 00:00:00.000	Z81874

	(No column name)	Extempokey	extemlineno	sku	QtyOrdered	QtyReceived	Instruction
1	PODetail	0071478330	00010	1311-3499	50.0000	0.0000	Return Order 0000000414
2	PODetail	0071478330	00020	1311-3502	1510.0000	10.0000	Return Order 0000000414
3	PODetail	0071481743	00030	1311-3510	273.0000	80.0000	Return Order 0000000414

## 2.6 Insert Recall HPDD – PDDR2

	transmitlogkey	tablename	key1	key2	key3	transmitflag	transmitbatch	AddDate	AddWho	EditDate	EditWho
1	0000002251	PDDR2	0000000414		9356004371	0	NULL	2018-01-25 15:02:26.753	sny.dbo	2018-01-25 15:02:26.753	sny

## 2.7 ASN Receiving

Allow random scan serial number validation for “REWORK”

The screenshot shows the 'Receiving' application window. On the left is a 'Main' panel with input fields for ASN#, Line#, Storer, Sku, Pallet ID, Batch #, Manufacturing Date, Expiry Date, COO, Gross Wgt, Location, Qty, Pack Qty, and Serial#. The 'Status' is set to 'REWORK'. The 'Main' panel also has tabs for 'Attributes' and 'Condition Codes'. The right panel shows 'ASN Header' information: ASN# 0000000617, Status: PARTIAL RECEIVED, ASN Type: UNDEFINED, PO type: REWORK-NoEDI, Customer Reference #: R0000000414, Warehouse Ref: 0000000414, First Received When: 25/01/2018 15:24:06, First Received ID: sny.test, Last Received When: 06/02/2018 10:54:32, Last Received ID: sny.test. Below this is an 'ASN Detail' table with columns: Status, Line# - Ext Line#, SKU, Class, Expected Qty, Received Qty, UOM, and Description. The table has three rows: 'Fully Received' (00002, 00002, 1311-3502, WC3, 1500.0000, 1500.0000, EA, G3+16/Exchange), 'Not yet Received' (00003, 00003, 1311-3530, WC3, 293.0000, 0, EA, G3+25/Exchange), and a summary row (1743, 1550). At the bottom is an 'ASN Serial' table with columns: SR, No., SKU, Serial Number, and Pallet ID.

Validate Serial Number to HPDD iMEI

★ Receiving

Main Attributes Condition Codes

ASN#:

0000000617

Line#:

00003

Storer:

SK1

Skui:

1311-3510

Pallet ID:

TEST0004

Batch #:

Manufacturing Date:

Expiry Date:

COO:

CH

Gross Wgt:

Location:

STAGE

Qty:

50.0000

Pack Qty:

2.0000

Serial#:

WC3 REWORK

359905080489229

Clear

ASN Header

ASN#:

0000000617

Status:

PARTIAL RECEIVED

ASN Type:

UNDEFINED

Storer:

SK1

PO type:

REWORK-NoEDI

Customer Reference #:

R0000000414

Warehouse Ref:

0000000414

First Received When:

25/01/2018 15:24:06

First Received ID:

any.test

Last Received When:

06/02/2018 10:54:32

Last Received ID:

any.test

ASN Detail

Class	Expected Qty	Received Qty	UOM	Description
WC3	1500.0000	1500.0000	EA	G3416/Exchange
WC3	193.0000	0	EA	G3426/Exchange
	1743	1550		

Pallet ID

Error

No PO Serial Number Match in XML Units...Pls check

OK

★ Receiving

Main Attributes Condition Codes

ASN#:

0000000617

Line#:

00003

Storer:

SK1

Skui:

1311-3510

Pallet ID:

TEST0005

Batch #:

Manufacturing Date:

Expiry Date:

COO:

CH

Gross Wgt:

Location:

STAGE

Qty:

50.0000

Pack Qty:

2.0000

Serial#:

WC3 REWORK

359909080786105

Clear

ASN Header

ASN#:

0000000617

Status:

PARTIAL RECEIVED

ASN Type:

UNDEFINED

Storer:

SK1

PO type:

REWORK-NoEDI

Customer Reference #:

R0000000414

Warehouse Ref:

0000000414

First Received When:

25/01/2018 15:24:06

First Received ID:

any.test

Last Received When:

06/02/2018 15:09:13

Last Received ID:

any.test

ASN Detail

Status	Line#	Ext Line#	SKU	Class	Expected Qty	Received Qty	UOM	Description
Fully Received	00002	00002	1311-3502	WC3	1500.0000	1500.0000	EA	G3416/Exchange
Partially Received	00003	00003	1311-3510	WC3	193.0000	30.0000	EA	G3426/Exchange
					1743	1600		

ASN Serial

SR. No.	SKU	Serial Number	Pallet ID
1	1311-3510	359909080786121	
2			

SonyMobile Receiving



The screenshot shows the Sony Mobile Receiving application interface. A modal dialog box titled "Information" is centered on the screen, displaying a blue information icon and the text "Serial Number Success". Below the text is an "OK" button. The background window is the "ASN Header" and "ASN Detail" section. The "ASN Header" shows details for ASN# 0000000517, including its type (UNDEFINED), PO type (REWORK-NotED), customer reference (# R0000000414), warehouse ref (0000000414), and status (PARTIAL RECEIVED). The "ASN Detail" table lists received quantities for two items: 1311-3502 and 1311-3510. Below this, a table lists serial numbers for the same items. The "Serial Number Success" dialog box is positioned over the serial number table.

Item	Class	Expected Qty	Received Qty	UOM	Description
1311-3502	WC3	1500.0000	1500.0000	EA	G3416,Exchange
1311-3510	WC3	193.0000	50.0000	EA	G343M,Exchange

Serial Number	Palet ID
06121	TEST005
06121	TEST005