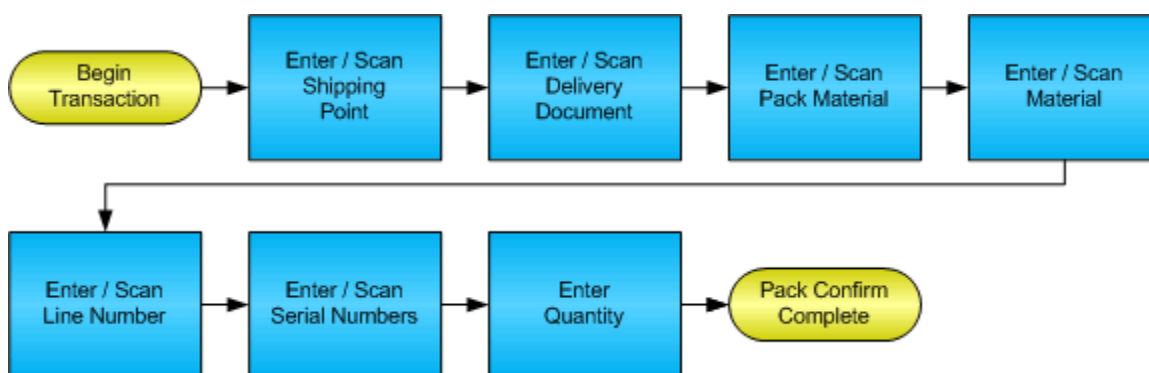


# Sales Order Pack Confirmation w/ Serial Numbers



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Requirements: RFgen Version 3.2.1.5 or later  
RFgen SAP Integration Suite

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## FSOPA0210 – SO Pack Confirmation w/ Serial Numbers

```
[Pack Confirm]

Shipping Pt: 1000
  Delivery#: 0080003484
  Pack Mat#: 100-100
  Material#: P-103
Pump PRECISION 103
  Line#: 000020
  Serial#: 1928374650 3
           2
           Qty: 5
F1: new mat, F3: box is done
F2 = Done S/N F4: Deliv Done

Submit Refresh Clear Exit
```

This transaction identifies the Shipping Point, Delivery Document, packing material and material being packed for a specific line. Serial numbers are captured that can represent the entire packed unit or just the serial number for the packed material.

If serial numbers are captured the quantity field is not required because the scans of the serial numbers is the quantity.

The following conditions apply to the RFgen implementation for the Pack Confirmation w/ Serial Numbers transaction within the SAP environment.

Note: any of these parameters may be easily adjusted to meet the unique requirements of your company.

### ✓ Validations

Prompt	Method of Validation
Shipping Point	TVST table
Delivery Document	LIKPUK table
Pack Material	BAPI_MATERIAL_GET_DETAIL
Material	BAPI_MATERIAL_GET_DETAIL
Line	LIPSUP
Serial	EQUI and JEST
Quantity	

### ✓ Edits

Condition	Special Circumstance
Default Branch Plant	User Defined
Quantity not greater than Quantity on Hand	
Quantity entered <= 0	

### ⇄ Function Keys

Key	Function
F3	Exit
F4	Search Data for Current Field
F8	Submit value for the Current Screen Display

## Considerations

1. Does Shipping Point default based on user?

## SAP Programs - Reference

### SAP Delivery Overview: VL02N

Click "Pack" icon

**Delivery 80073601 Change: Overview**

Outbound deliv. 80073601 Document Date 07/11/2007  
 Ship-To Party 163 PRG LIGHTING - NORTH BERGEN / PO Box 4110 / NORTH E

Item Overview Picking Loading Transport Status Overview Goods Movement D

Pick Date/Time 07/11/2007 00:00 OvrllPickStatus C Fully picked  
 Warehouse No. OverallIWMStatus No WM trnsf ord req

Item	Material	Pint	SLoc	Delivery quantity	SU	Pick quantity	SU	Batch
10	7050A1003	1000	1000	2	EA	2	EA	
20	7050A1003	1000	1000	1	EA	1	EA	
30	7050A1003	1000	1000	2	EA	2	EA	

Enter Box Material Number:

Pack material Pack HUs Pack.proposal Single entry Ttl content Gen.header data

All existing HUs (available for packing)

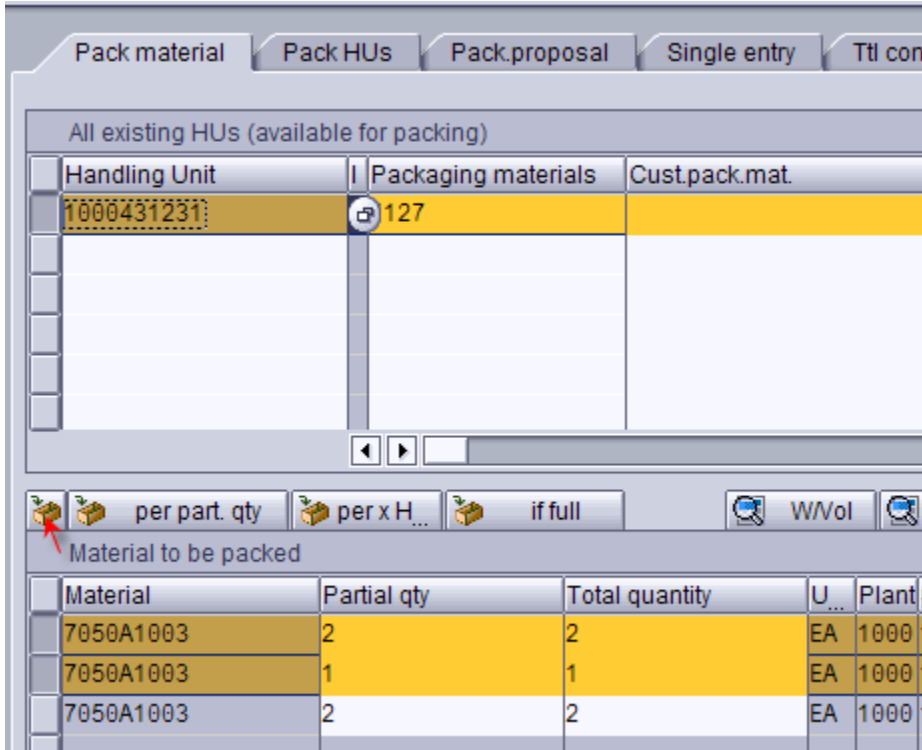
Handling Unit	Packaging materials	Cust.pack.mat	Total W...	L/A	Tare...	W...	Tot...	Loa...	Allo...	Tare...	V...	Plant	Created by
1000431231	E1127					LB							WIRCHOW

per part qty per x H... if full WVol APM gen.

Material to be packed

Material	Partial qty	Total quantity	U...	Plant	Sto...	W...	S/Dst	Document	Item	Description
7050A1003	2	2	EA	1000	1000			80073601	10	D20 DUAL 2.4KW 350US
7050A1003	1	1	EA	1000	1000			80073601	20	D20 DUAL 2.4KW 350US
7050A1003	2	2	EA	1000	1000			80073601	30	D20 DUAL 2.4KW 350US

Assign Materials to Box (handling unit):



**Table VEKP: Handling Unit Data**

Data Browser: Table VEKP Select Entries 1

Cl.	Int. HU no	Handling Unit	IDType	ShPt	Total Weight	Loading weight	Un.	Created by	Created on	PackMats	Un.	O	GrPmt	SOrg.	DCh-CustMt	Ob	Object key	Int.ID
210	0000430062	00000000001000431231	E	1000	15.348	15.348	LB	WIRCHOW	08/09/2007	127	LB		0004	1000	10	01	0080073601	un6rSv15N4YenkPb

Object Key = Delivery Note

Save Delivery.

Status of Delivery Header on Pack Save:

Pack

No. of packages

Packing status  Completely packed

(Still does not affect material availability.)

For Serialized Items: In Ttl Content tab, highlight item and click serial nos button:

Pack material | Pack HUs | Pack.proposal | Single entry | Ttl content | Gen.header data

General overview of all HUs with hierarchy levels

Hierar...	Line identification	Material/Packaging m...	Packed quantity	S...	S Batch	Descript
0	1000431233	I127				BOX/SH
1	000360	4110A1001	1	EA		EXPS 25

Serial nos | W/Vol | APM | Gen. | Item

Enter serial number:

Maintain Serial Numbers

Handling Unit: 1000431233 | Item: 1

Material: 4110A1001

No. serial no: 0 / 1

Serial number: 84000158 | Eqpt:

Create serial number automatically

Save.

SAP Transaction IQ03: Material/Serial number combinations

**Dictionary: Display Table**

Transp. table: EQSE Active  
 Short Description: Serial Number Records

Attributes | Delivery and Maintenance | **Fields** | Entry help/check | Currency/Quantity Fields

Srch help | Built-in type

Field	Key	Initi...	Data element	Data Ty...	Length	Deci...	Short Description
MANDT	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	MANDT	CLNT	3	0	Client
EQSNR	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	EQSNR	CHAR	18	0	EQSE Number
MATNR	<input type="checkbox"/>	<input type="checkbox"/>	MATNR	CHAR	18	0	Material Number
SERNR	<input type="checkbox"/>	<input type="checkbox"/>	GERNR	CHAR	18	0	Serial number
ERNAM	<input type="checkbox"/>	<input type="checkbox"/>	ERNAM	CHAR	12	0	Name of Person who Created the Object
ERDAT	<input type="checkbox"/>	<input type="checkbox"/>	ERDAT	DATS	8	0	Date on which the record was created
AENAM	<input type="checkbox"/>	<input type="checkbox"/>	AENAM	CHAR	12	0	Name of person who changed object
AEDAT	<input type="checkbox"/>	<input type="checkbox"/>	AEDAT	DATS	8	0	Date of Last Change
EQUIR	<input type="checkbox"/>	<input type="checkbox"/>	EQUIR	CHAR	18	0	Equipment number

### Basic Test Script

1. Enter Shipping Point, Delivery and materials for a line and each serial number being packed
2. Create and document the following scenarios:
  - a. Valid entries are posted to SAP
  - b. Invalid entries are caught as bad data is entered
  - c. Test for over packing of materials if allowed.
3. View the inventory status changes in SAP

## Test Script Description: SO Pack Confirmation w/ Serial Numbers

### RFgen Input Requirements

Before you begin testing, ensure, for the combination of plant(s) and material(s) you will be testing, that the following is setup in SAP.

- a. Delivery Document
- b. Quantity Available
- c. Quantity On Hand
- d. Serial Numbers

### Execution Procedures

ID	Test Case	Expected Result	Pass	Fail
1	Type in a valid Shipping Point _____ Press the <b>ENTER</b> key	RFGEN will validate and accept the Shipping Point entered.		
2	Type in a valid Delivery Document _____ Press the <b>ENTER</b> key	RFGEN will validate and accept the Delivery Document entered.		
3	Type in a valid Pack Material _____ Press the <b>ENTER</b> key	RFGEN will validate and accept the Pack Material entered		
	Type in a valid Material _____ Press the <b>ENTER</b> key	RFGEN will validate and accept the Material entered based on the Delivery Document		
4	Type in a valid Line _____ Press the <b>ENTER</b> key	RFGEN will validate and accept the Line entered based on the Delivery Document		
5	Type in a valid Serial _____ Press the <b>ENTER</b> key	RFGEN will validate and accept the Serial Number entered		
6	Type in a valid order quantity _____ (Only if Serials are not used)	RFGEN will validate and accept the location entered based on the Delivery Document		
7	Type in an invalid Shipping Point ____ Press the <b>ENTER</b> key	RFGEN will validate the Shipping Point entered and display an error message – the field will continue to error out until corrected		
8	Type in an invalid Delivery Document _____ Press the <b>ENTER</b> key	RFGEN will validate the Delivery Document entered and display an error message – the field will continue to error out until corrected		
9	Type in an invalid Pack Material ____ Press the <b>ENTER</b> key	RFGEN will validate and display an error message – the field will continue to error out until corrected		
10	Type in an invalid Material ____ Press the <b>ENTER</b> key	RFGEN will validate and display an error message – the field will continue to error out until corrected		
11	Type in an invalid Line _____	RFGEN will validate and display an error		

	Press the <b>ENTER</b> key	message – the field will continue to error out until corrected. Validation is based on the Delivery Document		
12	Type in an invalid Serial _____ Press the <b>ENTER</b> key	RFGEN will validate and display an error message – the field will continue to error out until corrected.		
13	Type in an invalid quantity _____	RFGEN will validate and display an error message – the field will continue to error out until corrected. Validation is based on the Delivery Document		
14	Press the “F4” key with the cursor in the Shipping Point field	RFGEN will display a list of Shipping Point		
15	Press the “F4” key with the cursor in the Delivery field	RFGEN will display a list of Delivery Documents		
16	Press the “F4” key with the cursor in the Material field	RFGEN will display a list of Materials		
17	Press the “F4” key with the cursor in the Line Number field	RFGEN will display a list of Line Numbers		
18	Press F1 to add a new Material	Cursor moves back to the Material entry		
19	Press F2 to stop entering Serial Numbers for the current line	System waits for F1, F3, or F4		
20	Press F3 is the box has been packed	Marks the box as complete and waits for F1 or F4		
21	Press F4 to submit all work to SAP	Confirm the pick confirmation results		

## Overall Test Case Results

<b>Pass/Fail:</b>	
<b>Tester/Date:</b>	
<b>Re-Tester/Date:</b>	

<b>Actual Results:</b>	
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<b>Comments:</b>	
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