7.1. Custom Layout Printing

Report printing can be customized in Produmex Scan by using the customization technology described in: Customization Technology for Produmex Scan. A report can be printed with user queries in the following cases:

- The report is defined in SAP Business One, or
- The report is located in a folder Produmex Service Broker can access.

7.1.1. Import the report

Use the HanaReportSettingTool to configure the correct connection of the report file in HANA environment. You can read more about the tool in the UserGuide

Import the report in SAP Business One with the *Report and Layout Import Wizard*. Select 'Inventory > Inventory Reports' as the location.

Main Menu	Report and Layout Manager	
TEST_SCAN, Branch: manager	List Search	
Modules Drag & Relate My Menu	Papart and Jayout Impart Wizard	
Administration		
Choose Company	File Selection	
 Exchange Rates and Indexes 		
System Initialization		
🗁 Setup	To snarify a file for import phones the "Brownes" button	
🗁 General		
Users	File Location C: (Produmexican (Layout) LABELI ES1 / pt	
User Defaults	Select a content type for the speched file, then choose the button to specify a destination:	
Sales Employees/Buyers	Content Type	
Territories	Layout Report	
Commission Groups		
Predefined Text	Inventory > Inventory Reports >	
Reference Field Links		
Ereight		
Message Preferences		
Report and Layout Manager		Export Import
 Server Print Configuration 	-	
	To continue, choose the "Finish" button.	
	Step 1 Cancel Back Next Finish	

To see the details of the report, open the Report and Layout Manager and select the report from the Inventory Reports. The report ID will identify the report in the user queries.

List	<u>S</u> ea	rch						
Asterisk Indicates	Report	✓ Layout		ID	RCRI0012		Description	
Pick and Pack ³	i:			Name	LABELTEST			
🔷 🔻 Inventory Rep	orts*				05/33/47			
Electronic R	leports			Last Updated	05/23/17			
Items List*				Author	manager			
Last Prices I	Report*			Status	Active		Printer	Default
Inactive Ite	ms*			B1 version			1st Page Printer	None
Inventory	Posting List	8		Courtal Reports			No. of Conier	1
Inventory 5	Status*						No. or copies	-
Inventory i	n Warehou	se Report*		Localization				
Inventory	Audit Repo	rt*						
Inventory Valuation Simulation Report		Menu Location	Inventory* > In	ventory Repo	rts* >			
Serial Number	per Transac	tions Repor	t*					
Batch Num	per Transad	tions Repo	t* 🔠					
Bin Location List*		Visible For Mot	bile					
Bin Location	n Content I	.ist*						
Price Report	t*							
Discount Gi	oup Repor	t*	_					
Inventory	Counting T	ransactions	Rep					
Inventory	Valuation M	ethod Repo	ort					
Inventory	urnover A	naiysis						
LABELTEST			_					
Kesources			•	Run Report	Edit	Set Authorizati	on	You Can Als
	33 		P			-		

7.1.2. Examples

Example 1: Add customization on the Done button event for the Create GR PO screen

Create the user Query in the Query Manager. The name of the user query must be the name of the Produmex Scan event.

Include the report ID and the report parameters in the user query.

Field Explorer 🛛 📮 🗙	LABELTEST ×
20 Expression Fields SOL Expression Fields	Design
[전] Parameter Fields [월] ItemCode 국가 BatchNumber 국가 SerialNumber 국가 Quantity	Details ItemCode ?Item_ItemName
 Special Fields Group Name Fields Special Fields 	
	? atch umber
	?SerialNumber ?BatchNumber ?Quantity

Query name: *BXMobileWH9_CreateGoodsReceiptPOQuantitiesNormalScreen_OK_clicked* Example query:

```
SQL
```

```
SELECT
    'RCRI0012' "PrintLayout$",
    SUBSTRING ($[TextItem], 1 , CHARINDEX ('*', $[TextItem]) - 2 )
"Print_ItemCode",
    SUBSTRING ($[TextItem], CHARINDEX ('*', $[TextItem]) + 2, LEN
 ($[TextItem]) - CHARINDEX ('*', $[TextItem])) "Print_Item_ItemName",
    '' "Print_SerialNumber",
    '' "Print_BatchNumber",
    $[DataRepeater.SelectedUIOnHandQuantity] "Print_Quantity",
    'PDFCreator' "PrintPrinter$",
    'Document PRINTING' "Message$", 'I' "MessageType$"
```

HANA

```
SELECT
    'RCRI0012' "PrintLayout$",
    SUBSTRING ($[TextItem] , 1 , LOCATE ($[TextItem], '*') - 2 )
"Print_ItemCode",
    SUBSTRING ($[TextItem], LOCATE ($[TextItem], '*') + 2, LENGTH
($[TextItem]) - LOCATE ($[TextItem], '*') ) "Print_Item_ItemName",
    '' "Print_SerialNumber",
    '' "Print_BatchNumber",
    $[DataRepeater.SelectedUIOnHandQuantity] "Print_Quantity",
    'PDFCreator' "PrintPrinter$",
    'Document PRINTING' "Message$", 'I' "MessageType$"
    FROM DUMMY
```

The user query does the following:

Sets the parameters of the selected report to the values entered on the screen and sends it to the defined printer. Then displays the 'Document printing' message.

Report parameters in the example:

- Item code and name
- On hand quantity
- Batch number
- Serial number

Adjust the example query.

- Replace the *PrintLayout*\$ value with the Report ID (in the example the report ID is RCRI0012).
- Replace the *PrintPrinter*\$ value with your printer name (in the example the printer name is PDFCreator).

The label will be printed with the printer set in the user query regardless of the default

printer of the employee.

By default only one label is printed. Adjust the value of the labels with the *PrintCopies*\$ parameter. The label is printed after the 'Done' button is pressed on the Create GR PO Quantities screen.

👪 Create	GR PO 🔰 🧱 🏹 美 🎟 🗙	🖳 Customization – 🗆	
C n	A1000 * Normal Paper	BXMobileWH9_CreateGoodsReceiptPOQuantitiesNormalScreen_Load : False	^
Bin Loc.	02-DOCKS	BXMobileWH9_CreateGoodsReceiptPOQuantitiesNormalScreen_KeyPreview : False BXMobileWH9_CreateGoodsReceiptPOQuantitiesNormalScreen_ExternalScreenLoad : False	
UoM	pcs	PXMebileWH9_CreateGoodeReceiptPOQuantitiesNormalSerren_Activate : False BXMebileWH9_CreateGoodsReceiptPOQuantitiesNormalScreen_OK_clicked : True	
Quantity	Add Upd	DXINODILE VY IND Create Coolds Neceptin O quantities Normal Screen Dylinon Clickeu - Haise IBXMobile WH9 Create Goods Receipt POQuantities Normal Screen Button Print Click : False	
02-DOCKS	15 pcs	BXMobileWH9_CreateGoodsReceiptPOQuantitiesNormalScreen_ButtonPrint_click_after : False BXMobileWH9_CreateGoodsReceiptPOQuantitiesNormalScreen_ButtonUpdate_click : False BXMobileWH9_CreateGoodsReceiptPOQuantitiesNormalScreen_ButtonUpdate_click : False	
		BXMobileWH9_CreateGoodsReceiptPOQuantitiesNormalScreen_ButtonAdd_click : False BXMobileWH9_CreateGoodsReceiptPOQuantitiesNormalScreen_ButtonAdd_click : False BXMobileWH9_CreateGoodsReceiptPOQuantitiesNormalScreen_TextQuantity_validate : False BXMobileWH9_CreateGoodsReceiptPOQuantitiesNormalScreen_TextQuantity_validate : False BXMobileWH9_CreateGoodsReceiptPOQuantitiesNormalScreen_DataRepeater_ExternalScreenLoad : False BXMobileWH9_CreateGoodsReceiptPOQuantitiesNormalScreen_DataRepeater_ExternalScreenLoad : False	Ļ
	•	BXMobileWH9_CreateGoodsReceiptPOQuantitiesNomalScreen_DataRepeater_InternalDataLoad : False BXMobileWH9_CreateGoodsReceiptPOQuantitiesNomalScreen_DataRepeater_FocusedChanged : False BXMobileWH9_CreateGoodsReceiptPOQuantitiesNomalScreen_TextBinl ocation_validate : False	
Print	Qty 15 of 20 pcs	BXMobileWH9_CreateGoodsReceiptPOQuantitiesNormalScreen_TextBinLocation_validate_after : False	~
Done	e Cancel	Close	

Example 2: Print label for the delivery selected on the Delivery field after the report ID is added on the Packing screen

Add a new custom 'Label' field. Insert the following record to the Customization Fields user table:

Field Name	Labels	Screen
RPTCode	Label	PackingScreen

Create two new user queries in the Query Manager.

The first query will trigger the printing if the Label field is not empty. Link this user query to the RPTCode field validation event.

After the report ID is added to the field, a confirmation message will pop up. Press the Yes button to print the label.

Query name: *BXMobileWH9_PackingScreen_RPTCode_validate*

```
IF $[RPTCode]<>'' AND $[TextDeliveryDocNum]<>''
SELECT
    'Print labels: ' + $[RPTCode] AS 'Message$',
    'YM' AS 'MessageType$'
```



The second query will define the printer and the report parameter values. Link this user query to the validation_after event of the custom Label field. The query will run if the user presses the 'Yes' button on the confirmation message screen.

Query name: BXMobileWH9_PackingScreen_RPTCode_validate_after

```
IF $[RPTCode]<>'' AND $[TextDeliveryDocNum]<>''
SELECT $[RPTCode] AS PrintLayout$,
(SELECT DocEntry FROM ODLN WHERE DocNum=$[TextDeliveryDocNum]) AS
[Print DocKey@],
'PDFCreator' AS PrintPrinter$,
'Report print: '+ $[RPTCode] AS 'Message$', 'I' AS 'MessageType$'
```

Replace the *PrintPrinter*\$ value with your printer name (in the example the printer name is PDFCreator).

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