How to Develop Programs for SAP Mobile RF



Applies to:

SAP R3 4.6c and above. For more information, visit the ABAP homepage.

Summary

This article will help you how to develop programs for SAP Mobile RF

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Summary

This article will help you how to develop programs for SAP Mobile RF

Introduction

In warehouse management there is always a requirement for faster processes and up to date information.

For this warehouse operators make use of RF devices to capture the various data such as storage unit number, the material number; the quantity etc.

Typical RF devices are handheld terminals, barcode scanners and truck mounted terminals.

These RF devices basically have small screens and therefore the information sent to them is limited and just up to the need. Also the interaction needed must be minimum so that the processed can be made faster.

Basically in any requirement for SAP Mobile RF there will be 2 scenarios:-

- Making changes in standard SAP transaction using user exits.
- Making custom development.

This article will basically concentrate on how to develop custom programs.

Example Scenario

Consider an example scenario as follows:

You have an inbound delivery with handling units. The goods receipt for the same should be done.

For this the GR transfer order should be created; it should be confirmed and a put away transfer order should be created for the same.

All these 3 processes should happen with a single transaction without any break.

The standard RF transaction for put away by TO is LM03. The standard RF transaction for Goods receipt by delivery is LM76.

Thus in order to archive our solution we will have to merge together the processes of several RF transactions and create a single RF transaction.

Therefore we will have to develop a custom RF transaction which would merge all the 3 processes.

Prerequisites

Prior to develop any RF program please go through the documentation at the following IMG details in SPRO.

SPRO--> Logistics Execution--> Mobile Data Entry

$\overline{}$	🛃 Li	ogistics Execution
	D	Direct Store Delivery Backend
	Þ 📑	Decentralized WMS Integration
	Þ 📑	Warehouse Management
	Þ 🛃	Shipping
	Þ 🛃	Transportation
	Þ 📑	Task and Resource Management
	\bigtriangledown	Mobile Data Entry
	▷ 🔜	Verification Control
	▷ 🔜	Bar Code
	📑 🔂	Define Menu Management
	🗟 🕀	Default Enter Function (Navigation With Bar Code Scanner)
	🗟 🕀	Define Screen Management
	🗟 🕒	RF Queue Management
	D	System Modifications

Concepts

There are 2 parts involved in developing custom RF transactions.

- Development
- Customization

RF Screens

There are 2 size of screen which would be required to be developed.

8X40 and 16X20. The RF devices used will have screens of either of the 2 sizes so you will have to design both in order to serve for any type of RF device.

The examples for the screens are as follows:-

This is the 8X40 format

Ø	Ē	4 📙
SAP		
F1 Save F2 CIr	F3 Back	
Warehouse No	012	
Assign Printer		

Technically the screen will be as follow:-

The screen size is of 8 rows and 40 columns

	1	2	3	4	5	6	i 7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
1		F	1		s	a	v	е				F	2		с	I	r					F	3		в	а	с	k												
2																																								
3			w	a	r	e	h	0	u	s	е		N	•						1																				
4																																								
5			A	s	s	i	g	n		Р	r	i	n	t	e	r				2	2																			
6																																								
7																																								
8																																								

This is the 16X20 format.

Ø	
SAP	
F1 Save F2 Clr F3 Back	
Warehouse No 012	
Assign Printer	

Technically the screen will be as follows:

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1			F	1		S	а	۷	е				F	2		С	I	r		
2			F	3		в	а	с	k											
3																				
4																				
5		w	a	r	е	h	0	u	s	e		N	•							
6																				
7										1										
8																				
9																				
10		Α	s	s	i	g	n		Р	r	i	n	t	e	r					
11																				
12									2											
13																				
14																				
15																				
16																				

The screen size is of 16 rows and 20 columns

The choice of the screen depends upon the device which will be used. Both the screens will have to be designed.

Depending upon the RF device used the screens should be called.

The selection of which screen to be shown will be a customizing setting which is to be done in transaction **LM00**.

Transaction LM00

Logon Screer	ו	-
F1 Save F2	Clr	
Logon Parameters		
Queue	TROLLEY 01	T he second second second
Warehouse No.	012	I he screen size is to be set
Screen format	8X40	
Screen variant	00	
Main menu	P2_GLOBAL	
F8 LOff		

Once the screen format is set; it will remain the same throughout and will only change if it changed once again via LM00.

Alternately you can also specify the screen size for the user via the following IMG path.

Logistics Execution-->Mobile Data Entry-->RF Queue Management-->Assign Processor to Queues

Display II	MG				
▼ 🖬 🖻	Existing BC Sets & BC Sets for Activity	🖗 Activated BC Sets for Activity	i Release Notes	Change Log	Where Else Us
Structure					
🗟 😔	Activation Switch for SAP R/3 Enterprise Ex	tension Set			
D	SAP NetWeaver				
▷ 🔜	Enterprise Structure				
▷ 🛃	Cross-Application Components				
▷ 🗟,	Financial Accounting				
▶	Financial Supply Chain Management				
⊳⊒≱	Controlling				
	Investment Management				
	Enterprise Controlling				
	Real Estate				
	Flexible Real Estate Management (Enterpr	ise Extension)			
	Logistics - General				
	Environment, Health & Satel				
	Sales and Distribution				
	Logistics Execution				
b	Direct Store Delivery Backend	🖻 Choose Activity			<u> </u>
Ď 🕀	Decentralized WMS Integration	Define Oueues			
D D	Warehouse Management	Accient Areas and Activities	te Oueuee		
	Shinning	Assign Areas and Activities	s to Quedes		
	Transportation	Assign Processor to Queu	es		
Þ 🔜	Task and Resource Management				
~ _	Mobile Data Entry				
D 🖬	Verification Control				
D 📑	BarCode				
	🖟 🕀 🛛 Define Menu Management				
	🖇 🕀 👘 Default Enter Function (Navigation				
	🖇 🕒 🛛 Define Screen Management				
	🖇 🕒 🛛 RF Queue Management	Devicement the extinities in the			
D	System Modifications	Periorn the activities in the			
P.		credition order			

Change View "Assignment User ->Queue": Overview

6	2	New Entries 👖) 🖪 🗠 🖪					
	Ass	ignment User ->	Queue					
	W	User	Queue	Status	Screen for	٧	Main menu	Docume
	011	EBR0150			8X40		MAIN	
	012	EBP4815	GI-β01	0 🗹	8X40	1	P2_GLOBAL	
	012	EBP5559	RE-R00-PIK	- -	16X20	1	P2_GLOBAL	
	012	EBP5584	GR	Image: A start and a start	8X40	1	P2_GLOBAL	
	012	EBP5711	GR		8X40	1	P2_GLOBAL	
	012	EBP6003	GI	Image: A start and a start	8X40	1	P2_GLOBAL	
	012	EBP6206	GI-PD1		16X20	1	P2_GLOBAL	
	012	FBP6300	RF-R02-PIK		8X40	1	P2 GLOBAL	

Here you can assign users to the particular queue along with the specific screen sizes.

Development

An RF program basically involves calling to various screens and processing them.

The development should proceed in the following steps:-

- Creation of the executable program.
- Creation of the screens.
- Creation of the function modules to access the screens.
- Screen Programming.
- Subroutines to call the screen and check the data coming from the screen.
- Assigning Transaction code to the program.
- Assigning the transaction code to the RF Menu.

Creation of the executable program:

The basic program structure will be as follows:

There will be a single executable program which will be attached to a transaction.

In this program there would be a recursive calls to various screens and processing of the same.

The executable program will have a structure like this:

ABAP Editor: Change Re	port ZTES	TANK	
← → 20 33 63 60 ¥ 44 64		🚹 🗐 Pattern	Pretty Printer
Report ZTESTANK		Inactive (revised)	
REPORT ztestank.			
INCLUDE rlmobinc. INCLUDE llmoblcd.	"Load Control	Include	
* data declaration			
START-OF-SELECTION.			
PERFORM authority_check. PERFORM user_own_data.			
call_screen = screen NUMBER.			
WHILE 1 = 1. CASE call_screen.			
WHEN xxxx. PERFORM call_screen_xxxx perform check_screen_xxx	: :x .		
WHEN уууу.			
PERFORM call_screen_xxx> perform check_screen_xx>	: :x .		
WHEN OTHERS.			
ENDCASE. ENDWHILE.			

The sequence of steps to be followed is as follows:

- Include the standard includes RLMOBINC and LLMOBLCD. These are needed so as to access the various global data which will be needed in the different function modules which will be used to do the processing such as goods movement, transfer order creation, transfer order confirmation etc.
- Check the authority of the user for the particular RF transaction using FM AUTHORITY_CHECK_TCODE as follows

```
call function 'AUTHORITY_CHECK_TCODE'
  exporting
    tcode = sy-tcode
  exceptions
    ok = 0
    not_ok = 2
    others = 3.
if sy-subrc ne 0.
   message s172(00) with sy-tcode.
endif.
```

- Get the user own data. This is needed to know which format the user is going to use so that the screens can be called accordingly. This data also helps to know about the warehouse and queue to which the user is attached. Get the user's data using the FM ' L_USER_DATA_GET'. This can be done by making a call to subroutine USER_OWN_DATA in the standard include RLMOBOWN.
- As you can see the program basically consists of a recursive calls to different screens and processing them accordingly.
- Assign the first screen of the particular transaction to the variable CALL_SCREEN and then do a
 recursive call to the different screens within the WHILE-ENDWHILE loop. The screen number
 assigned to the variable call_screen will always be the logical screen.
- The subroutines CALL_SCREEN_XXXX will basically contain a Function Module which will call a particular RF screen. This Function module will have the importing parameters as the data which is to be passed to the RF screen and the exporting parameters will be basically the data which would be returned from the RF screen after the user has entered the same.
- The subroutines CHECK_SCREEN_XXXX will basically contain the processing logic which is to be done after user has entered some data on the RF screens and pressed any buttons.
- This kind of programming structure is followed so as to put minimum processing load on the RF screens.
- The screens would be just used as a means to capture data from the user. The actual processing would happen in the calling executable program in the subroutines CHECK_SCREEN_XXXX so as to fasten up the processes.

Creation of the Screens

There will be 2 types of screen for any RF development:

Logical Screen and Actual Screen

This concept of logical screen and actual screen combined with the screen format helps us to attend to the needs of different RF devices.

The linkage of logical to actual screen is customized at the following IMG path.

Logistics Execution-->Mobile Data Entry-->Define Screen Management

_ ⊽ 🛃 Lo	gistics Execution
D	Direct Store Delivery Backend
⊳ 📑	Decentralized WMS Integration
⊳ 📑	Warehouse Management
⊳ 📑	Shipping
⊳ 📑	Transportation
⊳ 📑	Task and Resource Management
\bigtriangledown	Mobile Data Entry
▷ 🔜	Verification Control
⊳ 📑	Bar Code
🗟 😔	Define Menu Management
🗟 😔	Default Enter Function (Navigation With Bar Code Scanner)
🗟 😔	Define Screen Management
🗟 😔	RF Queue Management
₽	System Modifications

Display View "Screen Management": Overview

🎾 🖪 🖪 🖪

Mod. pool	ScrnFormat	V	Log	LogicalScr	Act.screen
SAPLEMOB	16X20 Narrow 1	0	0769	Destination warehouse / bin location	2769
SAPLLMOB	16X20 Narrow 1🖺	0	0777	Queue & warehouse modification	2777
SAPLLMOB	16X20 Narrow 1🛅	0	0800	Load shipment	2800
SAPLLMOB	16X20 Narrow 1🖹	0	0801	Load delivery	2801
SAPLLMOB	16X20 Narrow 1🖹	0	0802	System-guided	2802
SAPLLMOB	16X20 Narrow 1🖹	0	0803	Unload shipment	2803
SAPLLMOB	16X20Narrow 1🖺	0	0804	Unload delivery	2804
SAPLLMOB	16X20Narrow 1🖹	0	0805	Load overview	2805
SAPLLMOB	16X20Narrow 1🖹	0	0806	Details	2806
SAPLLMOB	16X20Narrow 1🖺	0	0807	Details	2807
SAPLLMOB	16X20Narrow 1🖹	0	0888	Dynamic menu	2888
SAPLLMOB	16X20Narrow 1🖹	0	0889	logon / menu screens	2889
SAPLLMOB	16X20Narrow 1🖺	0	0998	Warning message	2998
SAPLLMOB	16X20Narrow 1🖺	0	0999	Error message screen	2999
SAPLLMOB	16X20Narrow 1🖺	1	0302	Destination infos - Multiple materials	9303
SAPLLMOB	8X40 Large for≣	0	0100	Select by storage unit	0100
SAPLLMOB	8X40 Large for≣	0	0101	Collected	0101
SAPLLMOB	8X40 Large for∎	0	0102	Select by TO	0102
SAPLLMOB	8X40 Large for≣	0	0104	Select by delivery	0104
SAPLLMOB	8X40 Large for≣	0	0105	Identify by MS Area	0105
SAPLLMOB	8X40 Large for	0	0106	Identify by Shipment	0106
SAPLLMOB	8X40 Large for置	0	0107	Identify by Others	0107
SAPLLMOB	8X40 Large for≣	0	0108	Identify by Group	0108
SAPLLMOB	8X40 Large for≣	0	0151	Storage unit count	0151
SAPLLMOB	8X40 Large for≣	0	0152	Storage bin count	0152
SAPLLMOB	8X40 Large for≣	0	0153	Storage bin count details	0153
SAPLIMOR	8Y40 Large for	D.	0170	Move bendling unit	0170

Change View "Screen Management": Overview of Selected Set

	Screen Mana	gement					
	Mod. pool	ScrnFormat	٧	Log	LogicalScr	Act.screen	1
	₿APLLMOB	16X20Narrow 1🖺		0104	Select by delivery	2104]
	SAPLLMOB	8X40Large for遭		0104	Select by delivery	0104]
		1					l
		1					l
П							1

As see above there are 2 actual screens for 'Select by Delivery'. Screen no 2104 and Screen no 0104.

Screen 2104 is of size 16X20 and Screen 0104 is of size 8X40. They both are linked together by the common logical screen 0104.

Both the logical screen as well as the actual screen should physically exist for the particular module pool program.

Incase of custom RF developments we can keep screen numbers 8XXX for logical screen and screen number 9XXX for actual screens. Within the size formats the screen number can be odd or even.

For example:

Change View "Screen Management": Overview of Selected Set									
TT									
T									

Here we have screen 8714 as a common logical screen for 'Trolley Assignation' screen and screen 9715 as 16X20 screen and screen 9714 as 8X40 screen. This is just a recommendation for easy understanding and better readability.

Physically all the 3 screens should be created. The size of the logical screen can be any of the two.

Please note that the logical screen will never be called.

As explained earlier there will be 2 screen formats which need to be developed for every screen.

The points to be noted while developing screens are as follow:-

- The overall layout for all the screens should be same.
- The placement of buttons should be same and the function keys associated with the buttons should be always the same so as to maintain consistency with the devices.
- For example the buttons SAVE, NEXT, CLEAR and BACK should be always on the top as in the RF device.
- The function codes associated with them should always be the same i.e F1 (Save), F4 (Next), F2 (Clear) and F3 (Back).
- This is because these buttons are the freqently accessed buttons.
- The function specific buttons such as F5 (Det), F6 (Diff) should be on the lower side of the screen.
- The buttons should always be used from the standard dictionary structure RLMOB.
- The GUI status can be copied from the screens of program SAPLLMOB.
- All the screens developed for your custom RF programs should belong to a single function group.
- This helps to maintain consistency.



Creation of Function Modules to Call the Screens

The subroutine CALL_SCREEN_XXXX will basically contain a function module which will call the particular actual screen from the corresponding logical screen.

```
*****
*&
      Form y_call_screen_8709
*&----
* Quantity Check Screen
*_____
* --> p1 text
* <-- p2
               text
form y_call_screen_8709 .
 call function 'Y_CALL_SCREEN_8709'
   exporting
     y_i_ltap
                                 = y_wa_ltap
     y_i_matnr
                                 = y_v_mat
     y_i_exidv
                                 = y_v_exidv
     y_i_qty
y_i_flag
                                 = y_v_vemng1
                                = y_v_quan_flag
   importing
     y_o_screen_fcode
                                = screen fcode
     y_o_yqty
                                = y_v_act_qty
                                 = y_v_mat
     y_o_mat
     y o flag
                                 = y_v_quan_flag
   exceptions
     fail_in_calling_screen
                                = 1
     fail_in_physical_screen_number = 2
                                 = 3.
     others
 case sy-subrc
   when '01'
     Failed to call screen
     message_number = '109'
     perform y_error_message.
     leave to transaction sy-tcode.
   when '02'
     Failed to determine screen number
     message_number = '190'
     perform y_error_message.
     leave to transaction sy-tcode.
 endcase.
endform
                         " y_call_screen_8709
```

This function module will have different exporting and importing parameters as per the functionality needed on the screen. These function modules will serve as communicators between the screens and the executable programs. The data which is to be displayed on the screen will be passed to the importing parameters of the function modules. The actions performed on the screen and the relevant data entered on the screen will be returned back to the executable program from the screen via the exporting parameters.

Y CALL SCREEN 8709 Function module Active Attributes Import Export Changing Tables. Exceptions. Source code 尙 B FIND THE PHYSICAL SCREEN FOR "Printer Assignation" call function 'Y_DETERMINE_SCREEN_NUMBER Get the physical screen exporting from the logical screen = '8709' lscrn importing pscrn = pscrn exceptions screen_not_found = 1 = 2 others if sy-subrc ne 0.Failed to determine screen number..... message e190 raising fail_in_physical_screen_number. endif. ltap = y_i_ltap. Data from FM vekp-exidv = y_i_exidv. passed to the screen fields if y_i_flag = 'X'. clear : rlmob-cqty. else. perform y_f_shift_number using y_i_qty changing rlmob-cqty endif rlmob-cmatnr = y_i_matna Call the physical call screen pscrn. screen clear y_o_flag. set locale language sy-langu. translate rlmob-cmatnr to upper case. Data from screen y_o_mat = rlmob-cmatnr. passed to the FM = rlmob-caty. y_o_yqty y_o_screen_fcode = screen_fcode

Consider the function module details as follows:

As seen in the code above, the FM Y_DETERMINE_SCREEN_NUMBER is used to get the physical screen pscrn from the logical screen lscrn. To determine the physical screen from the logical screen we can make use of standard FM DETERMINE_SCREEN_NUMBER

The data to be passed to the different fields of the screen is populated into the fields from the importing parameters before making a call to the screen.

After the screen is called the data is passed from the fields of the screen to the exporting parameters of the FM.

The screen which will be called by the FM as shown:

F1 Save	F2 Clr F3 Back		
HU Barcode			VEKP-EXIDV
Material informa	tion		
Material		•	RLMOB-CMATN
Quantity			
Batch			
			RLMOB-CQTY

Programming of the Screen

The screen will contain PBO and PAI modules as in a normal module pool program.

	Screen Painter: Display Screen for SAPLYLMOB					
	듲 🔿 😰 🖻 🌃 🗮 🚭 🔂 🔚 🧮 🔿 Layout Pretty Printer					
1	Screen number 9712 Active Attributes Element list Flow logic					
	process before output. module y_status_scr. module y_set_cursor. module y_change_verific_rfidpe.					
	process after input. field ok_code module y_user_command1.					

As seen the PBO contains modules for setting the PF status, the cursor positioning and the verification field settings. The PAI contains the module for handling the user command.

The PAI module is as follows:

Include LYLMOBI03	Active					
<pre>module y_user_command1 input. get cursor field y_v_current_field. screen_fcode = ok_code. case ok_code . when y_k_clr. clear: ypadest, rlmob-cexidv, rlmob-cmatnr, rlmob-cqty. when y_k_back. clear : rlmob-cmatnr, rlmob-cqty. leave to screen 0. when y_k_save or y_k_next. perform y_f_check_qty_is_numeric. endcase.</pre>						
endmodule. "y_user_command1	INPUT					
*& Form y_f_check_qty_is_numeric *&	*					
* MOVE THE QUANTITY TO A NUMERIC FIELD * INCASE EXCEPTION OCCURS THEN GIVE ERROR MESSA	GE *					
*> p1 text * < p2 text						
form /_f_check_qty_is_numeric .						
data : y_lv_tmp_qty type ltap_nsola, y_lv_ref type ref to cx_root.						
try. move rlmob-cqty to y_lv_tmp_qty.						
<pre>catch cx_sy_conversion_no_number into y_lv message_id = 'YLO1'. message_number = '015'. message_var1 = text-013. perform y_error_message. error_code = 1. clear : rlmob-cqty. exit. endtry.</pre>	_ref.					
leave to screen 0. endform. "y_f_check_qty_is_	numeric					

As seen in the PAI module 'y_user_command1 input' you can see that within the screen not much of programming is done. Just the values are passed to the various fields and then the control is sent back to screen 0. The control then comes back to the statement after CALL SCREEN in the FM Y_CALL_SCREEN_XXXX. The screen ok_code is passed back as the exporting parameter of the FM.

Subroutines to Call the Screen and Check the Data Coming from the Screen

The subroutines Y_CALL_SCREEN_XXXX and Y_CHECK_SCREEN_XXXX basically manage the interaction between the executable program and the RF screens. Once the control returns back to the executable screen from the FM Y_CALL_SCREEN_XXXX; the actual processing which is to be done for whatever action the user has performed on the screen XXXX will be done in the subroutine Y_CHECK_SCREEN_XXXX.

The check subroutine for our previous screen is as follows:

X V	
*& Form y_check_s	screen_8709
* Handle User Command F	For Quantity Check Screen
form y_check_screen_870	99 .
<pre>case screen_fcode. when y_k_back. call_screen = y_k clear y_v_exidv. when y_k_save. perform y_f_mat_c when y_k_next. perform y_f_mat_c endcase. " CASE scree</pre>	<_8708. qty_check. qty_check. en_fcode.
endform.	" y_check_screen_8709

As seen depending upon the value of the screen OK_CODE, the various processes will be carried out.

In case the TO has to be confirmed on pressing the SAVE; then the corresponding FM will be called within the subroutine Y_CHECK_SCREEN_XXXX and the next screen which should come up will be passed to the variable CALL_SCREEN of the executable program.

All the processing actions such as validation of materials or the HU entered or confirmation of TO etc should be carried out in the Y_CHECK_SCREEN_XXXX of that particular screen. Thus in this way the RF screens are not overloaded and the process flow is smooth and faster.

Thus in this way you can create a custom RF transaction with several screens as per the requirement to cover the various flows. All the functional processes such as creation of TO, confirmation of TO, creation of goods receipt should be achieved by making use of the appropriate standard function modules available in SAP.

Assign Transaction Code to the Program

Once the executable program is created you should assign a transaction code to it via SE93.

Ø	1 C C (C (C (C (C (C (C (C (C (
Display Report Transaction									
< → ♡ f] / 4 = < 2 = 1									
Transaction code	Transaction code YLOPUPRE								
Package	YLMOB								
Transaction text	RF Putaway Preparation								
Program	YLORFPUTPRER0100								
Selection screen	1000								
Start with variant									
Authorization object	The Values								
Transaction eleccification									
Professional Liser Tran	/ sartian								
C Fasy Web Transaction	Service								
Pervasive enabled									
GUI support									
					SAPGUI for HTML				
SAPGUI for Java									
SAPGUI for Windows									

The transaction code will be of type Program and Selection Screen

Assign Transaction Code to the RF Menu

Finally assign the transaction code to the particular point in the RF menu via customizing.

Check with the functional consultants where to assign the particular transaction code.

Implementation G	uide Edit Goto Additional Information Utilities(M) System Help
©	■ 4 ■ 1 🛇 😧 🖴 🖬 🕊 🕾 한 쇼 와 🛒 🗷 1 🕲 🖫
Display IMG	
😼 🛃 📑 🛛 Exis	ting BC Sets 🚱 BC Sets for Activity 🚱 Activated BC Sets for Activity 🚺 Release Notes C
Structure	
N P	AP NetAleowar
	AF Netweaver
	ncephise of acture
D D F	inancial Accounting
D F	inancial Supply Chain Management
D Ba C	controlling
D 🖓 Ir	ivestment Management
D 🕞 E	nterprise Controlling
D 🗟 R	leal Estate
▶ F	lexible Real Estate Management (Enterprise Extension)
D 🗟 L	ogistics - General
⊳ 🕞 е	nvironment, Health & Safel
D 🕞 S	ales and Distribution
⊳ 🛃 м	laterials Management
_ ⊽ 🛃 L	ogistics Execution
D _	Direct Store Delivery Backend
	Decentralized WMS Integration
	Warehouse Management
	Shipping
	Iransportation
	Task and Resource management
 ▶ ⊒ .	Verification Central
	Par Code
L D	Dai Code
E O	Default Enter Function (Navigation With Bar Code Scanner)
E O	Define Screen Management
R 🕀	RF Queue Management
D	System Modifications

Change View "Menu Selection": Overview

🎾 New Entries 🗈 🕞 🛃 🖪 🖪								
Menu Selection								
	W. Dyn. menu	S	Menu/Trns type		Menu/trns	:		
	D12 🗗 LOAD	5	1	1	P2_STCKCOUNT			
	012 P2_PAL	1	2	Đ	YLORFOVERPACK	-		
	012 P2_PAL	2	2	Ē.	LM18			
	012 P2_PAL	3	1	E	P2_STCKCOUNT			
	012 P2_PICK	1	2	1	YLORFPICK			
	012 P2_PICK	2	2		LM18			
	012 P2_PICK	3	2	8	LM12			
	012 P2_PICK	4	1		P2_STCKCOUNT			
	012 P2_PTW	1	2		YLOPUPRE			
	012 P2_PTW	2	2	۵	YLOPUEX			
	012 P2_PTW	3	2		LM13			
	012 P2_PTW	4	2	8	YLORFDNF			
	012 P2_PTW	5	1	1	P2_INF0			
	012 P2_PTW	6	1	8	P2_STCKCOUNT			
	012 P2_PTWEXE	1	2	۵	YLOPUEX	_		
	012 P2_PTWEXE	2	2	1	LM13			
	012 P2_PTWEXE	3	2	Ē	LM18			
	012 P2_PTWEXE	4	1	1	P2_STCKCOUNT			
	012 P2_PTWPREP	1	2	Ē	YLOPUPRE			
	012 P2_PTWPREP	2	2	۵	LM36			
	012 P2_PTWPREP	3	2	1	LM18			
	012 P2_PTWPREP	4	1	۵	P2_STCKCOUNT			
	012 P2_SHIP	1	1	Ē	P2_PICK			
	012 P2_SHIP	2	1	8	P2_PAL			
	012 P2_SHIP	3	1	۵	P2_LOAD			
	012 P2_STCKCOUNT	1	2	1	YLORFCOUNT			
	ALC DO ATOMOCIUM		0	-	1 14 4 0			

The concepts shown here will help you to design a custom program and transaction for any RF scenario which the customer wants to customize.

Related Content

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