

Quick View Insider: How Do I Set Quick View as SNC's Entry Screen?



Applies to:

SAP SNC (Supply Network Collaboration) release 7.0 enhancement pack 1. SAP SNC release 7.0

For more information, visit the [Supply Chain Management homepage](#).

Summary

You would like all or some of your users to see the quick view screen instead of the alert monitor when they call SNC.

Option 1: Use the partner/user default screen table /SCF/DEFAULTSCRN.

Option 2: Add parameter SCR_ID to SNC's URL

Option 3: Change the default screen flag in SNC's screen definition table /SCF/USCRDEF.

Option 4: Create an enhancement to change the screen definition during run-time.

Author: Cora Zimmermann

Company: SAP Labs, LLC

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Author Bio



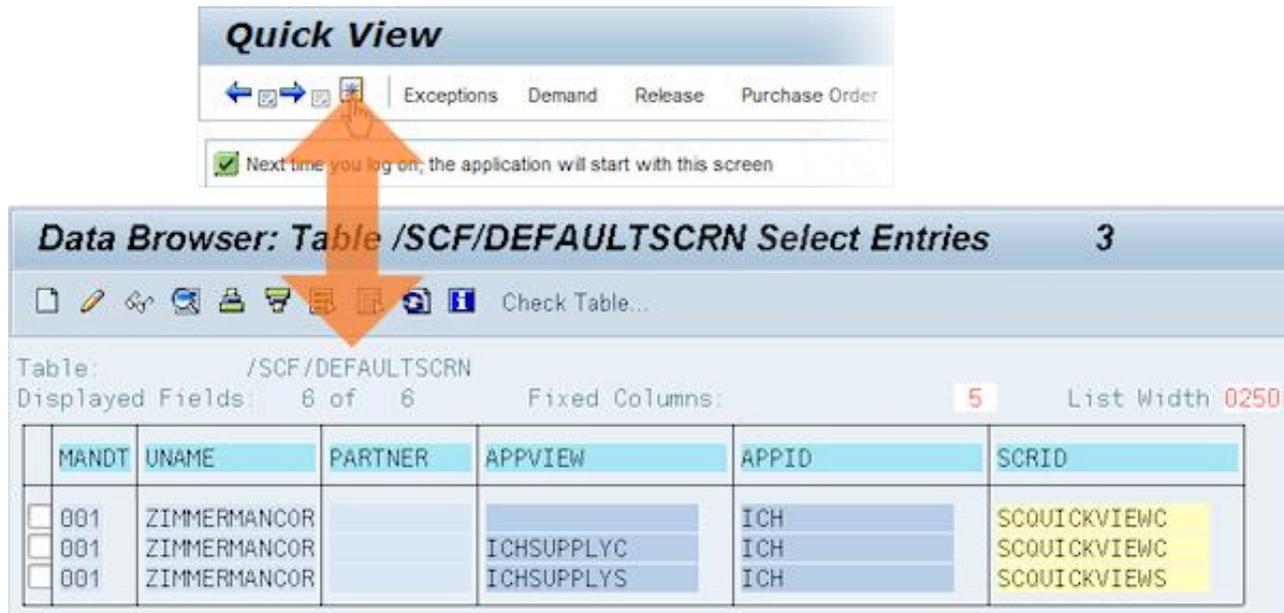
I have been part of the SNC development team in Palo Alto since 2004. Overall I have been a developer at SAP in Germany, Japan, and California since 1997 and at Software AG in Germany since 1989. I hold a masters degree in industrial engineering and computer science.

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Option 1: Use the partner/user default screen table /SCF/DEFAULTSCRN.

This method allows you to determine the entry screen for specific users or partners.



The favorites button  in SNC allows every user to set the screen he or she is currently displaying as their entry screen to SNC (if you would like to hide this button, the article *How Do I Disallow Personalization* gives some guidance, although it does not describe how to hide this particular button). This user setting is then stored in table /SCF/DEFAULTSCRN under his or her user ID.

You can edit table /SCF/DEFAULTSCRN using transaction SE16.

In particular you can create entries there if you want to configure a partner-dependent entry screen (for example, you could set the purchase order worklist as the entry screen for suppliers with whom you only collaborate on purchase orders and quick view for suppliers with whom you collaborate on more documents).

To specify quick view as the entry screen for particular supplier- or customer partners, create records with the following data:

	Supplier	Customer
UNAME	<empty>	<empty>
PARTNER	Supplier's partner number	Customer's partner number
APPVIEW	ICHSUPPLYS	ICHSUPPLYC
APPID	ICH	ICH
SCRID	SCQUICKVIEWS	SCQUICKVIEWWC

You can also delete entries here, for example if you have hidden button  and want to undo any user-choices made previously.

Option 2: Add parameter SCR_ID to SNC's URL

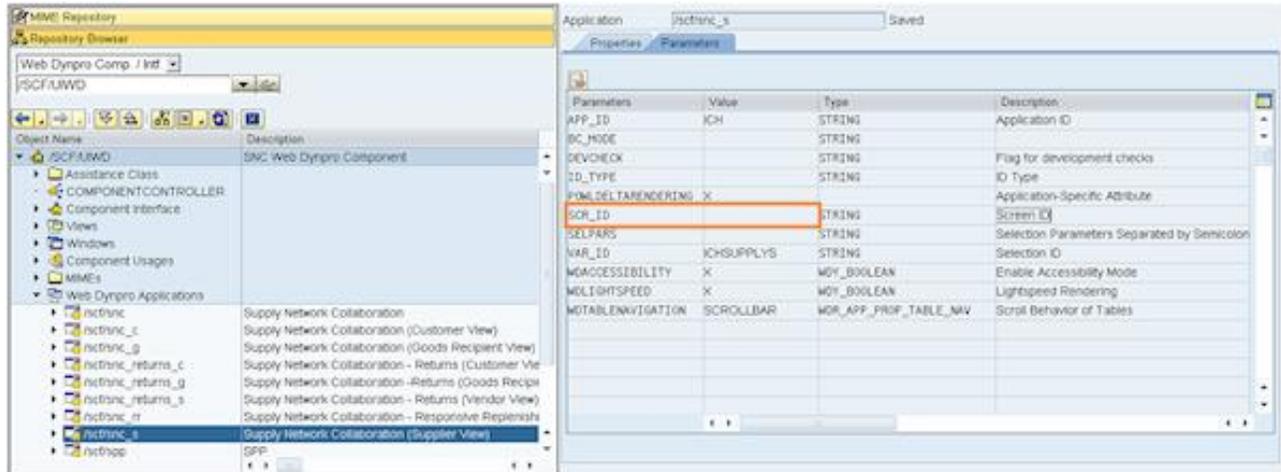
Say the URL you use for SNC's supplier view was

http://snc.mycompany.com:8000/sap/bc/webdynpro/scf/snc_s,

then you would add the supplier view of quick view as the screen ID parameter like this:

http://snc.mycompany.com:8000/sap/bc/webdynpro/scf/snc_s?scr_id=SCQUICKVIEWS

You can also add the parameter directly to the Web Dynpro application:



Parameters	Value	Type	Description
APP_ID	ICH	STRING	Application ID
BC_MODE		STRING	
DEVCHECK		STRING	Flag for development checks
ID_TYPE		STRING	ID Type
PMDELTAORDERING_X			Application-Specific Attribute
SCR_ID		STRING	Screen ID
SELPARS		STRING	Selection Parameters Separated by Semicolon
VAR_ID	ICHSUPPLYS	STRING	Selection ID
WACCESSIBILITY	X	MDY_BOOLEAN	Enable Accessibility Mode
WLIGHTSPEED	X	MDY_BOOLEAN	Lightspeed Rendering
WTABLENAVIGATION	SCROLLBAR	MDY_APP_PROP_TABLE_NAV	Scroll Behavior of Tables

Go to transaction SE80, display WebDynpro Component /SCF/UIWD, open the branch *Web Dynpro Application* and choose application /scf/snc_c for the customer view and /scf/snc_s for the supplier view.

Go to tab *Parameters* and enter *SCQUICKVIEWC* (customer view) or *SCQUICKVIEWS* (supplier view) for parameter *SCR_ID*.



It is a small modification if you change the delivered applications /scf/snc_c or /scf/snc_s. You may have to repeat this modification after applying a note, a support package or an enhancement package. If you prefer to do this without modification, you simply re-create this WebDynpro application with the additional parameter in your name space and adjust your URL to SNC accordingly.

Option 3: Change the default screen flag in SNC's screen definition table /SCF/USCRDEF.



This is a small modification; you may have to repeat it after applying a note, a support package or an enhancement package. For a modification-free solution use a different option.

Option 3 changes the entry screen for the complete view for all users. It serves as the default which can be overwritten by the other options.

Call transaction SM30 for Table/View **/SCF/USCRDEF** and select all records with application view **ICHSUPPLY*** and screen ID **ALRTOVW** or **SCQUICKVIEW*** (refer to appendix if needed). In screen *Change View "Screen Definition for UI model": Overview* scroll to the right until you see the column *Def Screen*.

Change View "Screen Definition for UI model": Overview						
Screen Definition for UI model						
Applic...	Application vi...	U..	Screen ID	Def Screen	Initial mode	Switch Identifier
ICH	ICHSUPPLYC		ALRTOVW	<input checked="" type="checkbox"/>		
ICH	ICHSUPPLYC		SCQUICKVIEWC	<input type="checkbox"/>		
ICH	ICHSUPPLYG		ALRTOVW	<input type="checkbox"/>	DISPLAY	
ICH	ICHSUPPLYS		ALRTOVW	<input checked="" type="checkbox"/>	DISPLAY	
ICH	ICHSUPPLYS		SCQUICKVIEWS	<input type="checkbox"/>		

Clear the check boxes for the following records:

- ICH ICHSUPPLYC ALRTOVW
- ICH ICHSUPPLYS ALRTOVW

Set the check boxes for the following records:

- ICH ICHSUPPLYC SCQUICKVIEWC
- ICH ICHSUPPLYS SCQUICKVIEWS

Change View "Screen Definition for UI model": Overview						
Screen Definition for UI model						
Applic...	Application vi...	U..	Screen ID	Def Screen	Initial mode	Switch Identifier
ICH	ICHSUPPLYC		ALRTOVW	<input type="checkbox"/>		
ICH	ICHSUPPLYC		SCQUICKVIEWC	<input checked="" type="checkbox"/>		
ICH	ICHSUPPLYG		ALRTOVW	<input type="checkbox"/>	DISPLAY	
ICH	ICHSUPPLYS		ALRTOVW	<input type="checkbox"/>	DISPLAY	
ICH	ICHSUPPLYS		SCQUICKVIEWS	<input checked="" type="checkbox"/>		

Save your records (you will be warned not to change SAP entries, since this is a modification). Ignore the warnings by pressing *Enter* (4 times, once for each changed record).

Option 4: Create an enhancement to change the screen definition during run-time.

This option works in the same way as option 3, except that it changes the screen definitions only in memory, while the UI framework loads them, rather than on the data base. The advantages over the hard-wired option 3 are firstly that it is more flexible as you can set the entry screen depending on your own logic and secondly that this is not a modification. Note that even though this is not a modification, there is still a slight chance that you may have to adjust the enhancement after upgrade or after you applied an enhancement package, support package, or note, if the surrounding code changes.

Go to transaction SE80 and display function group **/SCF/UIF_CFG_READ**, load subroutine

READ_SCREEN_DEFINITION, and press button *Enhance* (🔍) to switch to enhancement mode:

The screenshot shows the ABAP Editor interface for the include file **/SCF/UIF_CFG_READ33**. The left pane displays the Repository Browser with the function group **/SCF/UIF_CFG_READ** selected, and the subroutine **READ_SCREEN_DEFINITIONS** highlighted. The main editor area shows the source code of the subroutine, which includes a **FORM** block for **read_screen_definitions**. The code defines several data objects and performs a database query to update the **lt_scrdef** table based on the current application ID.

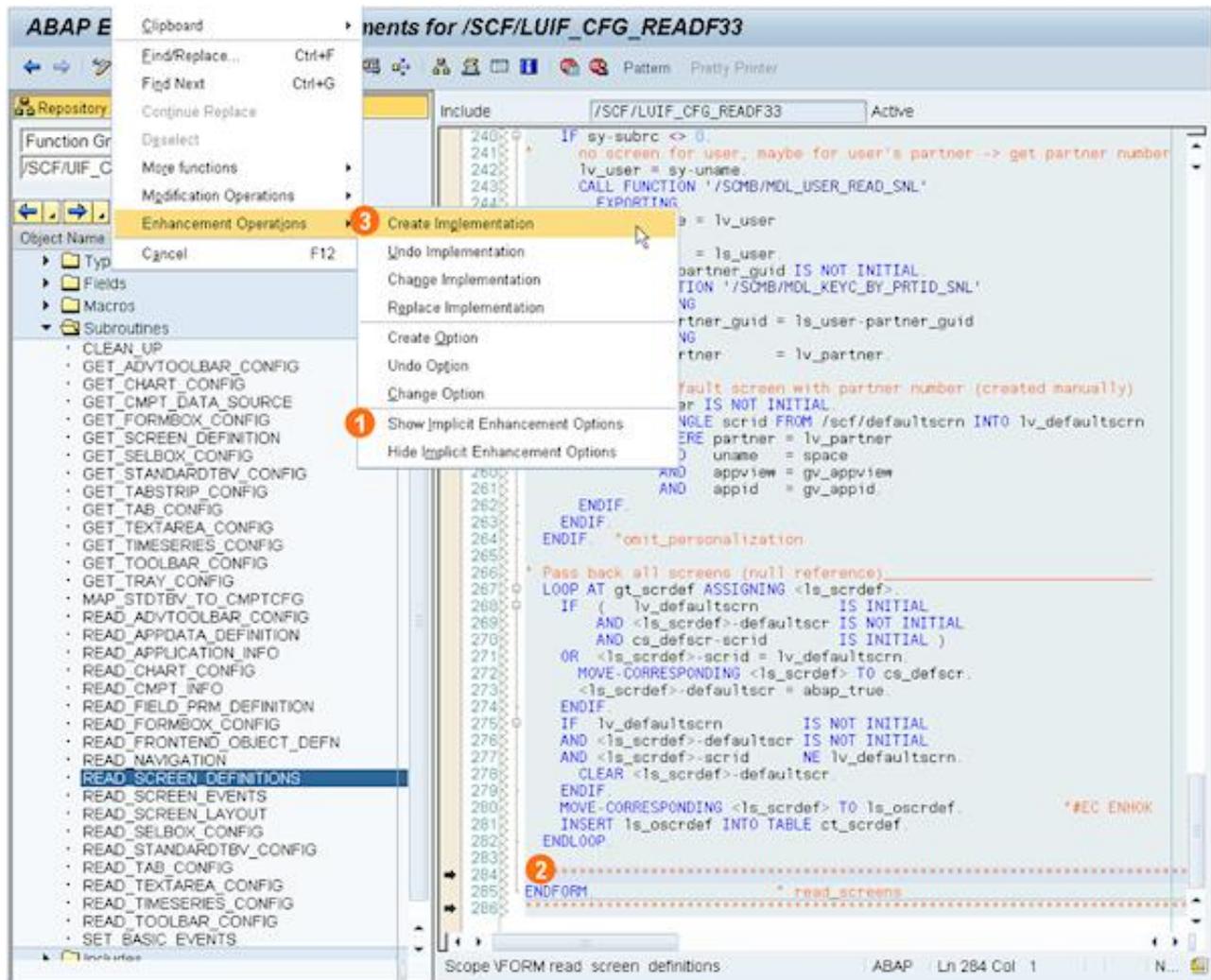
```

6
7
8
9
10
11 FORM read_screen_definitions
12 USING
13   io_badi TYPE REF TO /scf/if_ex_app_abs
14 CHANGING
15   co_msglog TYPE REF TO /scf/cl_applog
16   co_applog TYPE REF TO /scf/cl_applog
17   ct_scrdef TYPE /scf/oscrdef
18   cs_defscr TYPE /scf/defaultscr_str.
19
20
21 DATA:
22   lt_scrdef TYPE TABLE OF /scf/scrdef,
23   lt_scrdef_badi TYPE /scf/scrdef_tab,
24   lt_scrdefc TYPE TABLE OF /scf/scrdefc,
25   lt_usrdefc TYPE TABLE OF /scf/usrdefc,
26   lt_usrdefc TYPE TABLE OF /scf/usrdefc,
27   ls_oscrdef TYPE /scf/oscrdef_str,
28   ls_scrdefc TYPE /scf/scrdefc,
29   ls_usrdefc TYPE /scf/usrdefc,
30   lt_scrlyt TYPE /scf/scrlyt_tab,
31   lv_defaultscrn TYPE /scf/scrld,
32   lv_user TYPE xubname,
33   ls_user TYPE /scmb/mde_user_str,
34   lv_partner TYPE bu_partner,
35   lv_trash TYPE char200. *#EC NEEDED
36
37 FIELD-SYMBOLS:
38   <ls_scrdef> TYPE /scf/scrdef,
39   <ls_scrdefc> TYPE /scf/scrdefc,
40   <ls_usrdefc> TYPE /scf/usrdefc,
41   <ls_usrdefc> TYPE /scf/usrdefc.
42
43 * Screen definition.
44 SELECT * FROM /scf/scrdef INTO TABLE lt_scrdef
45   WHERE appid = gv_appid.
46 IF sy-subrc <> 0.
47   * No screens exist
48   MESSAGE e015(/scf/cl_md1_messages) INTO lv_trash. *#EC *
49   $add_message
50 ENDIF
51 DELETE lt_scrdef WHERE scrld IS INITIAL.
52 SORT lt_scrdef BY scrld.
53 CHECK <msg_log> IS INITIAL.
54

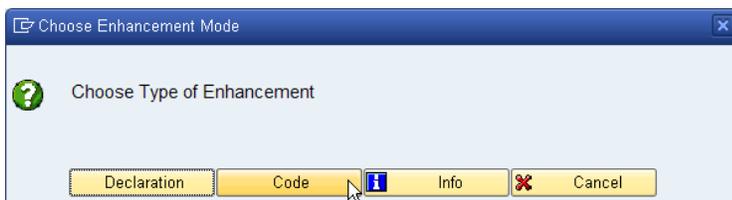
```

Choose menu path *Edit* → *Enhancement Operations* → *Show Implicit Enhancement Options*:

Scroll to the bottom of the subroutine, place your cursor on the line above the ENDFORM statement and choose menu path *Edit* → *Enhancement Operations* → *Create Implementation*:



Fill out the subsequent pop-up screens (for example):



And add your code into the enhancement (for example):

```

284 | .....
285 | *$$$-Start: 9999-----
286 | ENHANCEMENT 1 ZZENH_SCF_UIF_CFG_READ.      *inactive version
287 | * exchange default screen for certain view and certain user
288 | * unless other default exists on partner / user level
289 | FIELD-SYMBOLS:
290 |   <ls_defscr_old> TYPE /scf/scrdef,
291 |   <ls_defscr_new> TYPE /scf/scrdef.
292 |
293 | IF lv_defaultscrn IS INITIAL      *no default screen on user / partner level
294 | AND gv_appview = 'ICHSUPPLYS'    *supplier collaboration / supplier view
295 | AND sy-uname = 'ZIMMERMANCOR'.  *only this user
296 |   READ TABLE gt_scrdef
297 |     ASSIGNING <ls_defscr_old>
298 |     WITH KEY defaultscr = 'X'.
299 |   IF sy-subrc IS INITIAL.
300 |     READ TABLE gt_scrdef
301 |       ASSIGNING <ls_defscr_new>
302 |       WITH KEY scrid = 'SCQUICKVIEWS'. *quick view, supplier view
303 |   IF sy-subrc IS INITIAL.
304 |     CLEAR <ls_defscr_old>-defaultscr.
305 |     <ls_defscr_new>-defaultscr = abap_true.
306 |     MOVE-CORRESPONDING <ls_defscr_new> TO cs_defscr.
307 |   ENDIF.
308 | ENDIF.
309 | ENDIF.
310 | ENDENHANCEMENT.
311 | *$$$-End: 9999-----
312 | ENDOFORM.                                * read_screens
313 | .....

```

Activate your enhancement:  Enhancements

APPENDIX: How to select by application ID and two screen IDs in transaction SM30

Maintain Table Views: Initial Screen

Find Maintenance Dialog

Table/View: /SCF/USCRDEF

Restrict Data Range

No Restrictions
 Enter conditions
 Variant

Display Maintain Transport Customizing

Field Selection

Application ID
 Application view
 User Name
 Screen ID
 Default title for GUI components
 Default screen
 Initial mode
 Created By
 Created On
 Created At
 Changed By
 Changed On

Determine Work Area: Entry

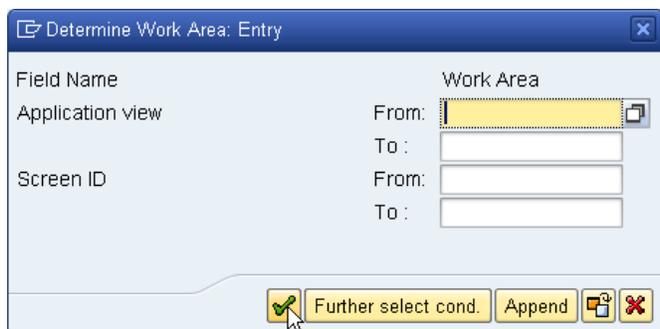
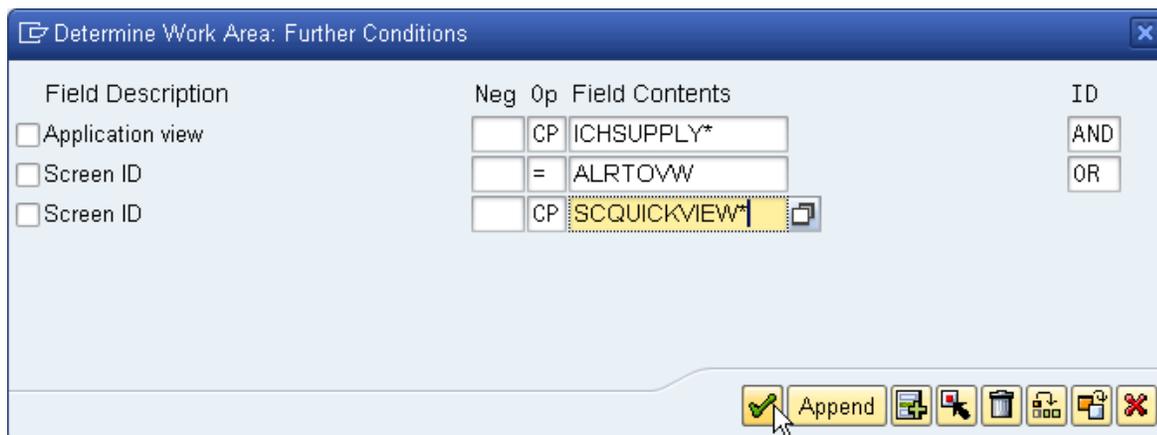
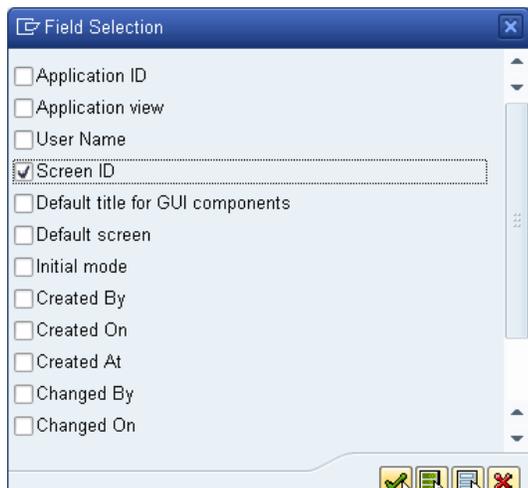
Field Name	Work Area
Application ID	From: [Field] To: [Field]
Screen ID	From: [Field] To: [Field]

Further select cond Append

Determine Work Area: Further Conditions

Field Description	Neg	Op	Field Contents	ID
<input checked="" type="checkbox"/> Application ID	<input type="checkbox"/>	<input type="checkbox"/>	[Field]	[Field]
<input type="checkbox"/> Screen ID	<input type="checkbox"/>	<input type="checkbox"/>	[Field]	[Field]

Append



Related Content

[SNC Wiki](#)

[SCM-SNC Forum](#)

[SCM on BPX](#)

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