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.

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**Created on:** 3 June 2010

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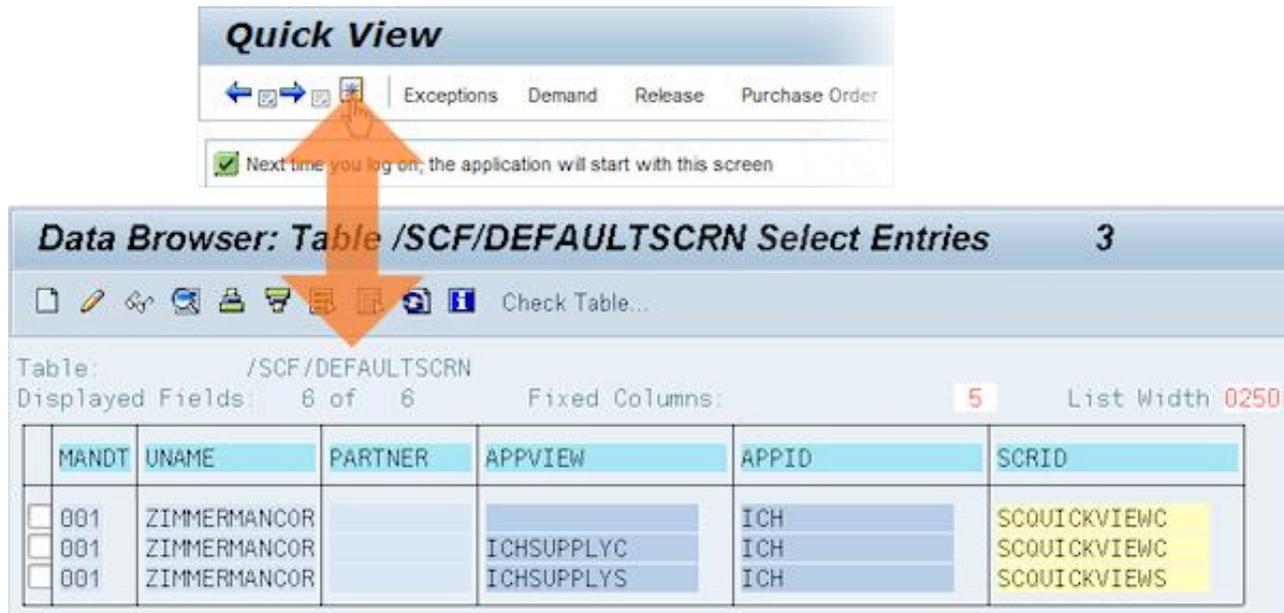
The favorites button ✳ in SNC allows every user to set the screen he or she is currently displaying as their entry screen to SNC (if you would like to hide this button, the article *How Do I Disallow Personalization* gives some guidance, although it does not describe how to hide this particular button).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

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

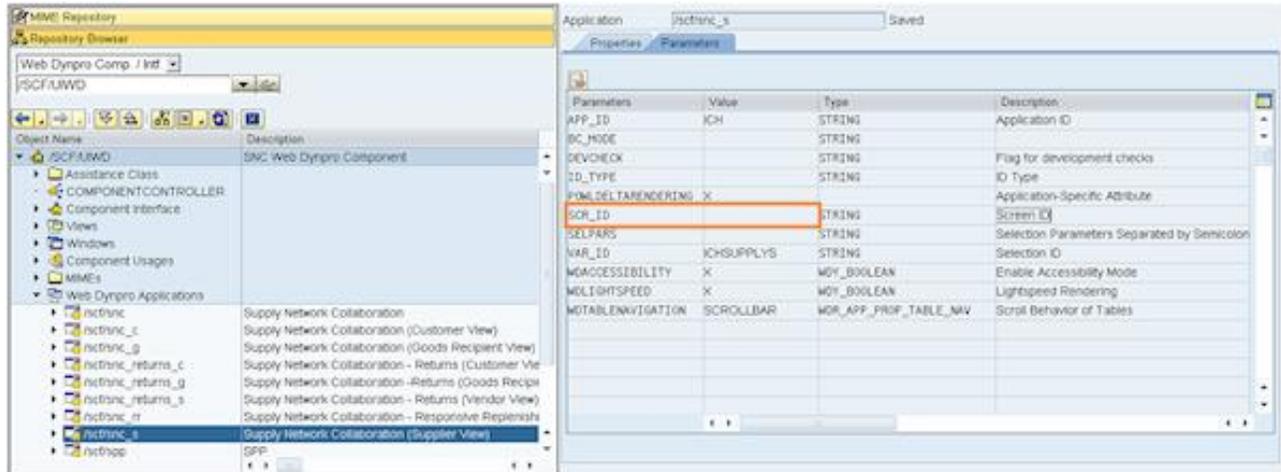## **Option 2:** Add parameter SCR_ID to SNC's URL

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:

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 WebDynrpo 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

New Entries

Screen Definition for UI model

Applic...	Application vi...	U..	Screen ID	Def Screen	Initial mode	Switch Identifier
ICH	ICHSUPPLYC		ALRTOVW	✓		
ICH	ICHSUPPLYC		SCQUICKVIEWC	☐		
ICH	ICHSUPPLYG		ALRTOVW	☐	DISPLAY	
ICH	ICHSUPPLYS		ALRTOVW	✓	DISPLAY	
ICH	ICHSUPPLYS		SCQUICKVIEWS	☐		

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

New Entries

Screen Definition for UI model

Applic...	Application vi...	U..	Screen ID	Def Screen	Initial mode	Switch Identifier
ICH	ICHSUPPLYC		ALRTOVW	☐		
ICH	ICHSUPPLYC		SCQUICKVIEWC	✓		
ICH	ICHSUPPLYG		ALRTOVW	☐	DISPLAY	
ICH	ICHSUPPLYS		ALRTOVW	☐	DISPLAY	
ICH	ICHSUPPLYS		SCQUICKVIEWS	✓		

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:

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*:
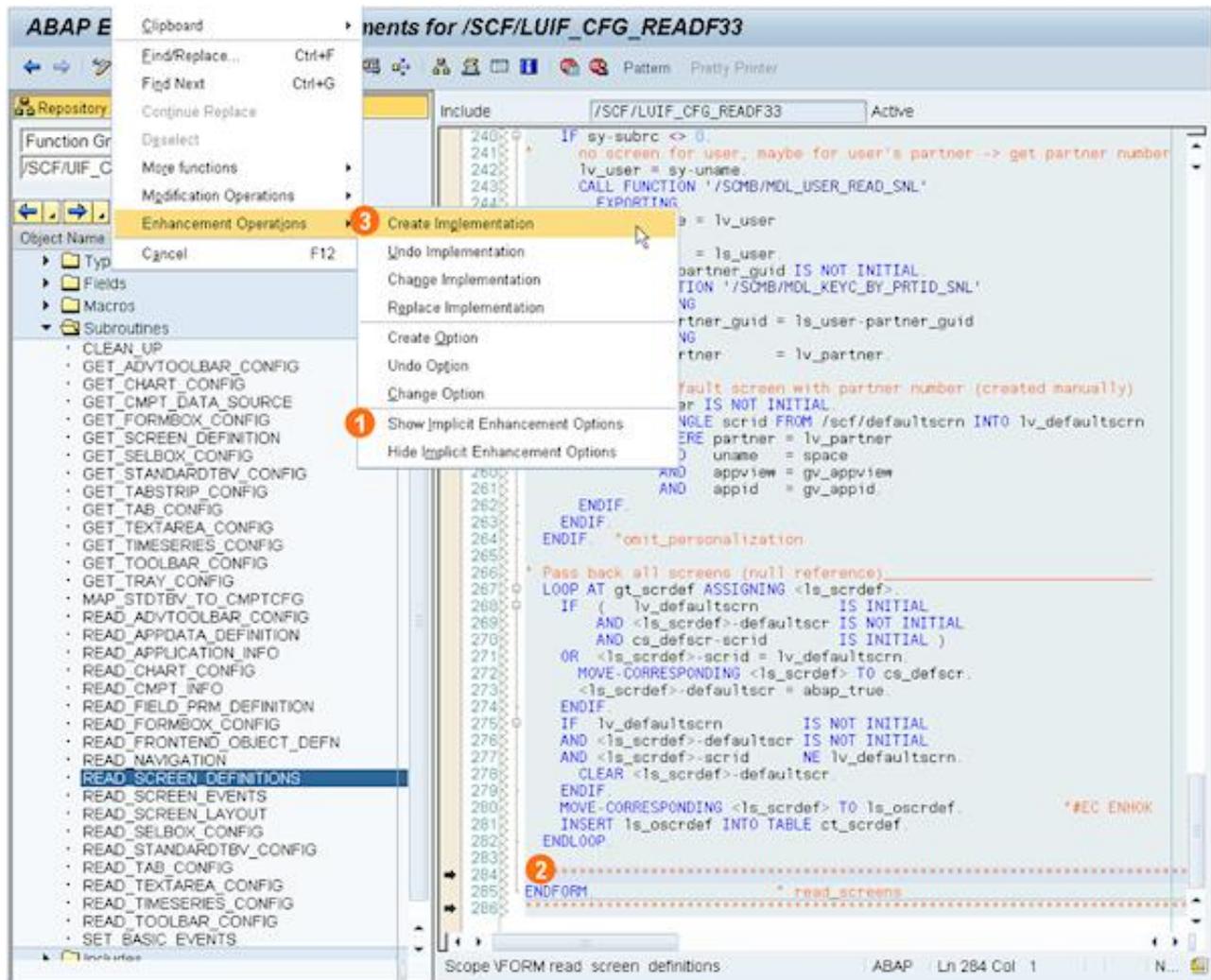
Fill out the subsequent pop-up screens (for example):
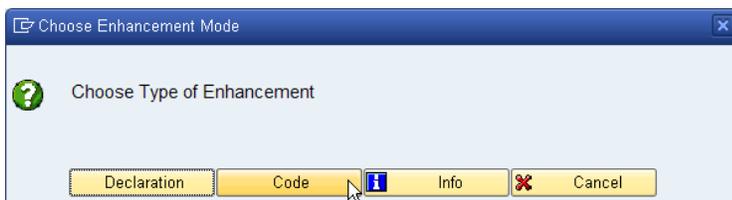
And add your code into the enhancement (for example):

```
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 exsits 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  ENDFORM.                   " read_screens
313  ***********************************************************************
```

Activate your enhancement: [Enhancements]

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

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: Further Conditions

Field Description	Neg	Op	Field Contents	ID
☐ Application view		CP	ICHSUPPLY*	AND
☐ Screen ID		=	ALRTOVW	OR
☐ Screen ID		CP	SCQUICKVIEW*	

Append

Determine Work Area: Entry

Field Name		Work Area
Application view	From:	
	To :	
Screen ID	From:	
	To :	

Further select cond.   Append
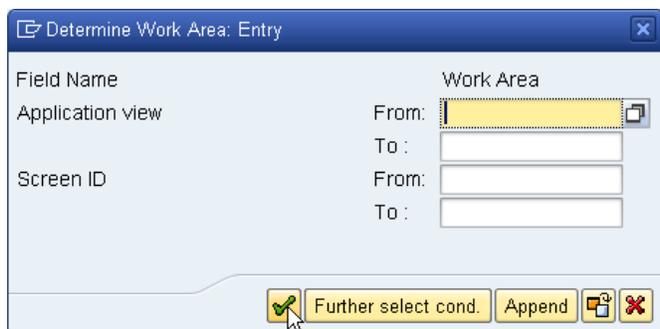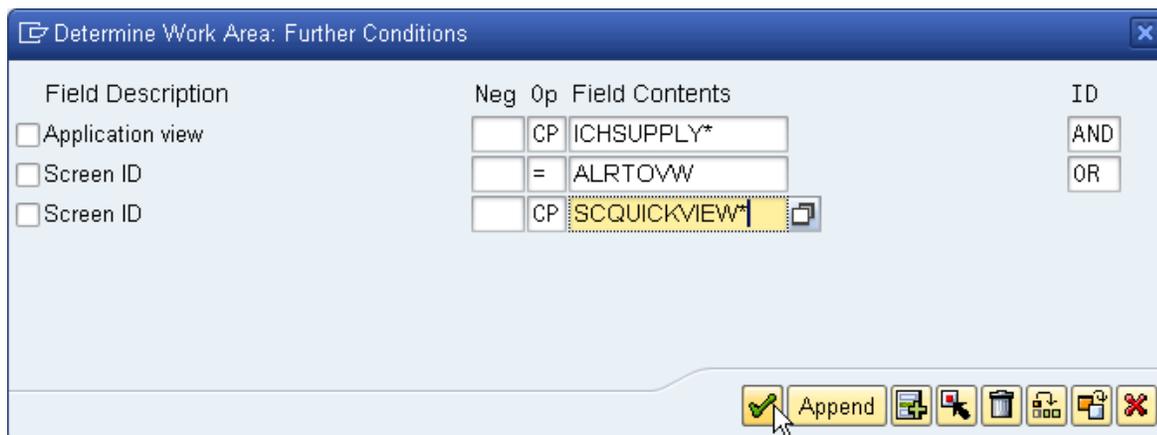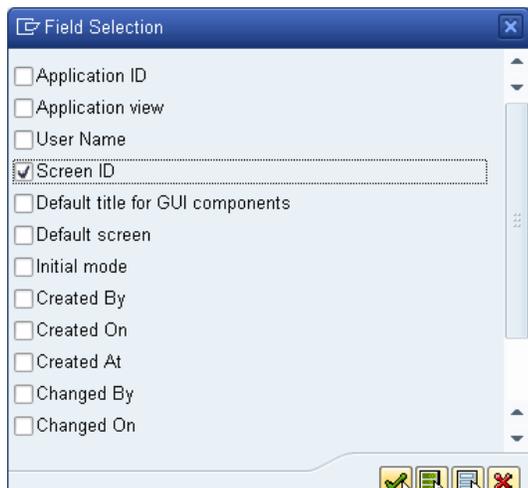
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