



## 6. Authorisation Challenge

### Top-Down Navigation in Fiori Apps

2026

## Down the rabbit hole.

Top-down navigation in SAP Fiori apps is a user experience (UX) design pattern in which users begin with a high-level overview and drill down to progressively more detailed data, eventually reaching individual documents such as purchase orders or billing documents.

This intuitive navigation works only if users have the necessary authorisations for each linked Fiori app along the navigation path. To support this, SAP recommends using SAP standard business roles with preconfigured Fiori authorisations, as these roles are designed to include all required apps for seamless top-down navigation.

However, SAP designs and controls the SAP standard business roles. These roles may not align perfectly with how your business processes and teams are organised. SAP standard business roles might include more apps or target mappings than you wish to assign, or omit others entirely. Certainly, they will not include your custom apps. Nevertheless, they can still serve as a useful starting point for designing your custom roles.

If you choose to create custom roles from scratch, be prepared to encounter challenges with cross-app navigation. Without careful planning and thorough testing, users may find themselves unable to follow links between apps, disrupting their workflow and user experience.

You might ask: “Why is this a challenge? If a user is missing an authorisation, can’t we just check SU53 or run an authorisation trace and then add the missing object to the user’s role?”

Unfortunately, with app-to-app navigation, it’s not that simple. Let’s look at two examples.

### Example 1: Approval of a Purchase Order

The Fiori app “My Inbox” is used in many business processes: approvers receive workflow items for approval, and requestors receive rejected requests. One such process is the approval of purchase orders. An approver opens a workflow item for a purchase order and is expected to review the purchase order’s details to approve or reject it.

In the screenshots below, you can see two examples:

- One where the purchase order is displayed correctly in “My Inbox” with full details
- One where the details are missing due to missing authorisations

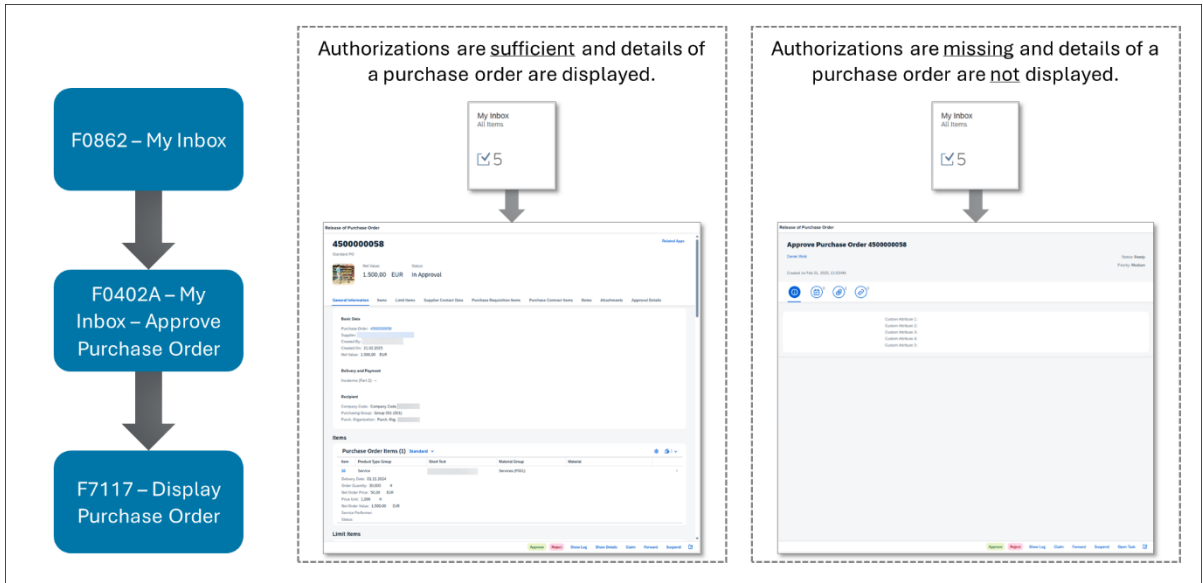


Figure 1: Purchase order for approval in the “My Inbox” app – displayed correctly (left) and with missing details (right)

The tricky part is that missing authorisations are not revealed by SU53, the authorisation trace (transaction STAUTHTRACE), or App Support. Even if you check with a user who can see the details and ask which app they were redirected to, the answer will still be the same: F0862 – “My Inbox.” What can you do in this case? Here are two possible solutions:

### 1. SAP Fiori Apps Reference Library

Check the “Related Apps” tab and look for the relation type “Navigation Target.” In our example, the target mapping for app F7117 – Display Purchase Order – was missing in the user’s role.

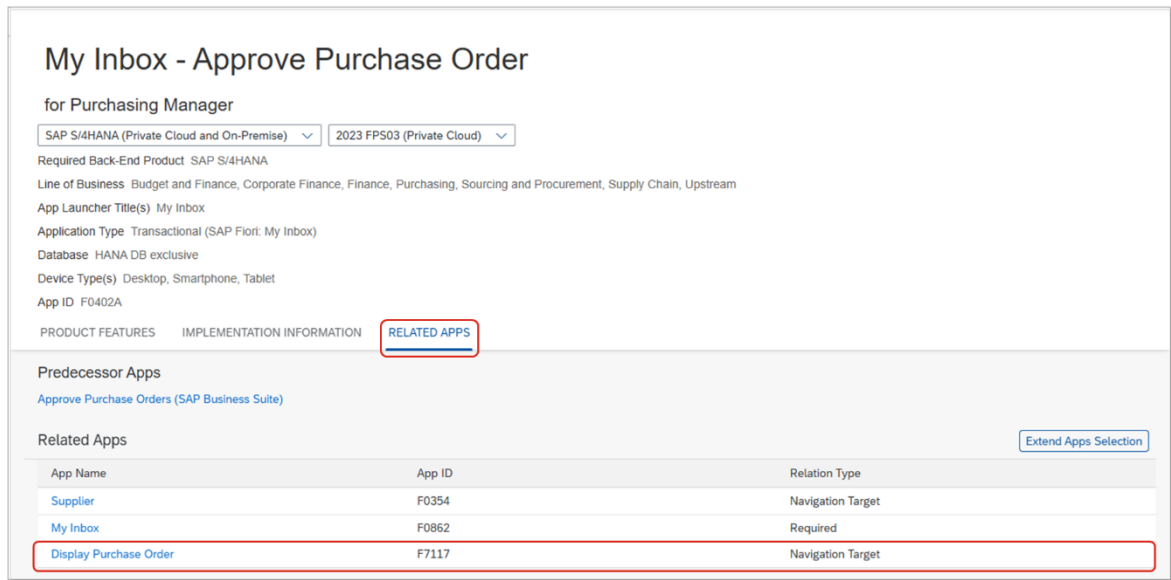


Figure 2: SAP Fiori Apps Reference Library, Fiori app F0402A - My Inbox - Approve Purchase Order

However, if you look at Fiori app F0862 – “My Inbox” – in the [SAP Fiori Apps Reference Library](#), you will not find F7117 listed among the related apps. Instead, you will find F0402A – My Inbox – Approve Purchase Order, which includes the correct navigation target.

## 2. SAP Standard Catalogs Containing the Fiori App in Question

As mentioned, SAP standard catalogs are created to support top-down navigation. You can search for the standard catalogs containing the problematic Fiori app and examine which target mappings they include. Then, using a trial-and-error approach, you can add these target mappings to your custom catalog one by one, or include them all to avoid similar issues in the future.

For example, the standard catalog *SAP\_PRC\_BC\_PURCHASING\_MNGR* – Purchasing Management – contains two Fiori tiles – “My Inbox” and “My Outbox” – and includes target mappings for various apps that display details of documents subject to approval. Among these is F7117 – Display Purchase Order, which is used in our example (see the screenshot from Launchpad Content Manager below).

*St.	T/T	T/Match	Semantic Object	Action	Title/Subtitle/Information	App T...	Application Resource	SAP Fiori ID	Transaction	Application Component ID	Reference Detail
	TM	only	CentralPurchaseContract	displayMyInbox	Display Central Purchase Contract in My Inbox	UI5	ui.s2p.mm.pur.central.ct...	F7345	F7345	MM-PUR-HUB-CTR	Reference (TM Only)
	TM	only	CentralSupplierConfirmation	display		UI5	ui.s2p.mm.cntrl.supl.co...	F7353	F7353	MM-PUR-HUB-PO	Reference (TM Only)
	TM	only	PrmtHbRpldPurchaseRequ...	displayMyInbox		UI5	s1.ui.s2p.mm.extr.man...	F6985	F6985	MM-PUR-HUB-REQ	Reference (TM Only)
	TM	only	ProcurementHubPO	display		UI5	ui.s2p.mm.pur.central.p...	F6952	F6952	MM-PUR-HUB-PO	Reference (TM Only)
	TM	only	ProcurementHubPRItem	displayMyInbox		UI5	ui.s2p.mm.extr.manag...	F6984	F6984	MM-PUR-HUB-PR	Reference (TM Only)
	TM	only	PurchaseContract	displayFactSheet	Purchase Contract	UI5	ui.s2p.mm.purcontract.o...	F0350	F0350	MM-PUR-OA-CON	Reference (TM Only)
	TM	only	PurchaseContract	displayMyInbox	Purchase Contract	UI5	ui.s2p.mm.purcontract.o...	F0350	F0350	MM-PUR-OA-CON	Reference (TM Only)
	TM	only	PurchaseContractItem	displayFactSheet	Purchase Contract Item	UI5	ui.s2p.mm.purcontracte...	F1665	F1665	MM-PUR-OA-CON	Reference (TM Only)
	TM	only	PurchaseOrder	displayFactSheet	Purchase Order	UI5	ui.s2p.mm.purorder.ops1	F0348A	F0348A	MM-PUR-PO	Reference (TM Only)
	TM	only		displayMyInbox		UI5	ui.s2p.mm.purorder.ops...	F7117	F7117	MM-PUR-PO	Reference (TM Only)
	TM	only	PurchaseSchedulingAgreem...	displayFactSheet	Display Scheduling Agreement	UI5	ui.s2p.mm.pur.scheduln...	F7349	F7349	MM-FIO-PUR-SQ-SGH	Reference (TM Only)
	TM	only	PurchaseSchedulingAgreem...	displayMyInbox	Display Scheduling Agreement	UI5	ui.s2p.mm.pur.scheduln...	F7349	F7349	MM-FIO-PUR-SQ-SGH	Reference (TM Only)
	TM	only	ServiceEntrySheet	displayMyInbox		UI5	ui.s2p.mm.ses.manage.a...	F6571	F6571	MM-PUR-SVC-SES	Reference (TM Only)
	TM	only	SourcingProject	displayMyInbox		UI5	s2p.mm.pur.srcproj.mai...	F5934	F5934	MM-PUR-SRC-SP	Reference (TM Only)
	TM	only	SrcgProjectAwardingScenario	displayMyInbox		UI5	ui.s2p.mm.pur.sp.awdsc...	F5932	F5932	MM-FIO-PUR-SQ	Reference (TM Only)
	TM	only	SupplierConfirmation	displayMyInbox		UI5	ui.suite.s2p.mm.pur.co...	F7276	F7276	MM-FIO-PUR-PO	Reference (TM Only)
	TM	only	SupplierInvoice	displayFactSheet	Supplier Invoice	UI5	ui.s2p.mm.supplnvoice...	F0859	F0859	MM-FIO-IV	Reference (TM Only)
	Tile + TM		WorkflowTask	displayInbox	My Inbox - All Items	UI5	cross.fnd.fiori.inbox	F0862	F0862	CA-INB-FIO	Reference (Tile + TM)
	Tile + TM		WorkflowTask	displayOutbox	My Outbox - Outbox items	UI5	cross.fnd.fiori.inbox	F6511	F6511	CA-INB-FIO	Reference (Tile + TM)

Figure 3: SAP Standard Catalog *SAP\_PRC\_BC\_PURCHASING\_MNGR* in Launchpad Content Manager

### Example 2: Navigation to Related Apps from a Report

Another example involves the app F0842A – Manage Purchase Orders. This app displays a list of purchase orders based on selection criteria. From each purchase order, the user can navigate to related apps.

In the screenshots below:

- The left screenshot shows a user who can navigate to 27 related apps.
- The screenshot on the right shows a user who can access only 2 apps.

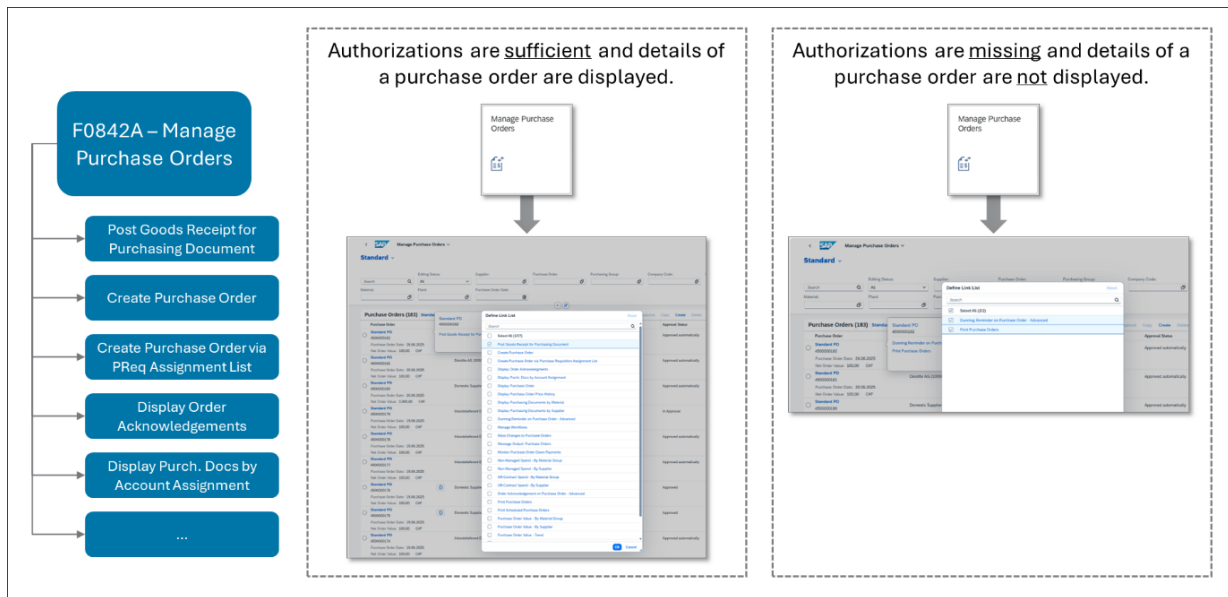


Figure 4: Fiori App F0842A – Manage Purchase Orders: Examples of Navigation from the Report to Related Apps

As in the previous example, no warning or indication of missing authorisations will appear for the user.

To enable a user to navigate to an app that is currently missing from the list of links, follow these steps:

- Ask a user who has the link which app is being accessed, or use your own user in a sandbox system with all standard roles assigned.
- Add the target mapping for the identified Fiori app to the user’s role.

### Best Practices to Avoid Navigation Issues

To prevent the issues described above, it is recommended to:

- When creating custom catalogs, consult the “Related Apps” tab in the [SAP Fiori Apps Reference Library](#) and include apps aligned with the needs of business users.
- Review target mappings in the SAP standard catalogs and copy them into your custom catalogs when appropriate.
- During unit testing of roles with Fiori apps, actively click through links to verify navigation paths and ensure they work as expected. Test scripts should contain this instruction.

### How Deloitte Can Help

Deloitte is always ready to support clients with on-site, near-shore, and off-shore consultants who bring extensive knowledge and experience from multiple SAP S/4HANA implementations and support engagements. Our consultants have access to a broad network of SAP experts who can resolve even the most complex Fiori challenges.

**Deloitte.**