xSuite

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xSuite Apps for SAP Fiori

Installation Guide

Product Version 5.2.5
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1. Introduction

This publication offers instructions on installing and configuring xSuite Apps for SAP Fiori (abbreviated "xSuite Apps").

> ⚠ **CAUTION**
>
> xSuite may only be installed by experienced consultants who have received specialized xSuite training. These consultants must either work for the xSuite Group or for a partner who is xSuite-certified. An installation performed by customers or SAP partners, system integrators, or external consultants who are not xSuite-certified is not recommended or supported by the xSuite Group.

The following xSuite Apps are included in the package and can be used independently.

xSuite App	Description
xSuite Agent Table Maintenance App	Contains the function for maintaining agent determination.
xSuite Cockpit App	Contains the function "xSuite Cockpit".
xSuite Feeder App	Contains the function "Create a feeder".
xSuite Goods Receipt App	Contains the function "Post goods receipt".
xSuite Inbox App	Contains the function "Call the Web Business Workplace".
xSuite Invoice Monitor App	Contains the function "Invoice Monitor".
xSuite Order Confirmation Monitor App	Contains the function "Order Confirmation Monitor".
xSuite Overviews App	Contains the following functions: • "Incoming Invoice Ledger" • "AL Overview" • "OC Overview" • "PO Overview" • "PS-CD Overview" • "SD Overview" • "SI Overview"
xSuite Payment Request App	Contains the function "Create new payment request".
xSuite Process Analyzer (online) App	Contains the function "Process Analyzer".
xSuite Sales Document Monitor App	Contains the function "Sales Document Monitor".
xSuite Substitute Maintenance App	Enables the maintenance of the substitute settings.
xSuite User Administration App	Contains the function "xSuite User Maintenance".
xSuite Workflow Builder App	Contains the function "xSuite Workflow Builder".

The installation and the back-end configuration are performed together for xSuite Apps. This means that you cannot install the xSuite apps individually, nor can you configure the back-end differently.

After installing the back end, the front end must be configured. All xSuite apps are configured in a file on the front-end side.

The standard front end is the Fiori Launchpad. The Fiori Launchpad provides the xSuite Apps in the form of tiles.

Alternatively, xSuite Apps can be operated in stand-alone mode. There are no tiles in the stand-alone version. Instead, xSuite Apps are made available in the stand-alone version in the form of individual pages.

1.1. System requirements

The system requirements for the installation of xSuite Apps must be decided on and provided for by the customer prior to installation.

For further information on the system requirements, refer to the publication *xSuite Apps for SAP Fiori System Requirements*.

1.2. An overview of installation steps

Step		More information
1	Only before updates: Preliminary tasks	See Performing preliminary tasks for updates (page 8).
2	Installing an SAP Gateway	See Installing an SAP Gateway (page 9).
3	Installing the SAP Fiori Launchpad	See Installing the SAP Fiori Launchpad (page 11). **Note**: This step is only required if you wish to operate the xSuite Apps in the Fiori Launchpad. To operate the Suite Apps in stand-alone mode, this step is not necessary.
4	Installing xSuite Apps	See Installing xSuite Apps (page 13).
5	Configuring the back end for xSuite Apps	See Configuring the back end for xSuite Apps (page 14).
6	Configuring the front end for xSuite Apps	See Configuring the front end for xSuite Apps (page 26).
7	Performing follow-up tasks	See Performing follow-up tasks (page 35).

1.3. Notes regarding languages

When a user logs into the Fiori Launchpad, a language is always selected.

In order for the language selected in Fiori to appear, the following conditions must have been met:

- In SAP, a default language has not been entered for the background user of the RFC connection.

- In SAP, a default language has not been entered for the user who is logging in.

The following applies to the use of languages.

- When a default language has been entered in SAP for the background user, this language will always be used.
  The user's default language and the Fiori login language will be ignored.

- When a default language has been entered in SAP for the user but not for the background user, this language will always be used.
  The Fiori login language will be ignored.

2. Performing preliminary tasks for updates

Back up the following files and directories.

- `settings.json` (basic xSuite functionality only, always)

- `Component.js` (in every xSuite app in which customizing for views or new routes is stored)

- `/userexits/...`, including all subdirectories and files (in every xSuite app and in the xSuite basic functionality, if user exits, modifications of i18n texts etc. have been created there)

- `index.html` and `sso.html` (only if stand-alone mode is used and these files have been changed)

3. Installing an SAP Gateway

Context

Just as all other SAP Fiori apps, xSuite Apps for SAP Fiori require an SAP Gateway. The SAP Gateway may either be a part of the ERP system or a stand-alone system.

If an SAP Gateway is not installed yet, you can perform a full installation with the transaction SPRO.

We recommend performing a "minimal installation." This installation will suffice to enable the use of SAP gateway services. SAP provides a task list for the automatic execution of a minimal installation. For more information, see the information further down in this section and the SAP manual UI Technology Guide for SAP S/4HANA 1909.

Procedure

1. Execute the transaction STC01.

2. Generate the task list SAP_GATEWAY_BASIC_CONFIG.

> **NOTE**
> In the column **Help**, you can open the mini-documentation with the button
> **Show Task Documentation** for each task. The mini-documentation
> contains information on the configurations that have been performed.

3. Perform follow-up jobs manually for the following tasks.

   - **Report /IWFND/R_COF_VIRUS_PROFILE - SAP Gateway Virus Scan Profile Configuration** (Task 4): Either set a virus profile using report /IWFND/R_COF_VIRUS_PROFILE or disable the virus scan.

- **Configuration Parallelization of Batch Queries (/IWBEP/BATCH‗CONFIG)** (the fifth task): Set the maximum number of queries that can be executed concurrently.
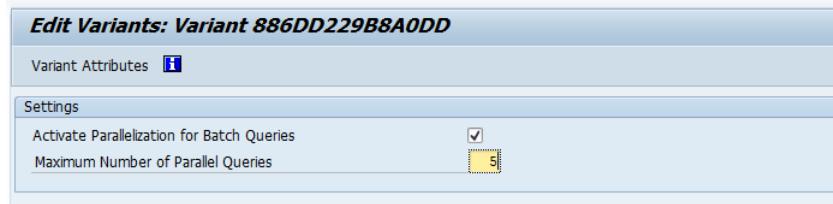
4. Save.

5. Start the "Task List Run."
   When all tasks have been executed (green light), the SAP Gateway services can be run.

4. Installing the SAP Fiori Launchpad

Context

> **NOTE**
> This step is only required if you wish to operate the xSuite Apps in the Fiori Launchpad. To operate the Suite Apps in stand-alone mode, this step is not necessary.

SAP provides a task list for automatic execution of the SAP Launchpad installation. In contrast to the installation of the SAP Gateway, manual follow-up tasks are not necessary.

Requirements

To make a website accessible within an SAP system, the SAP WebAS must be configured (transaction SMICM). In particular, values for the following parameters must be set.

Parameter	Value (Example)
lcm/servewr_port[0]	PROT = HTTP
	PORT = 8000
	TIMEOUT = 120
	PROCTIME = 120
lcm/host_name_full	wmdsapv.wmd.local

We recommend using HTTPS instead of HTTP. For more information, see SAP Help Portal.

Procedure

1. Execute the transaction STC01.
2. Generate the task list SAP_FIORI_LAUNCHPAD_INIT_SETUP.
3. Start the "Task List Run."
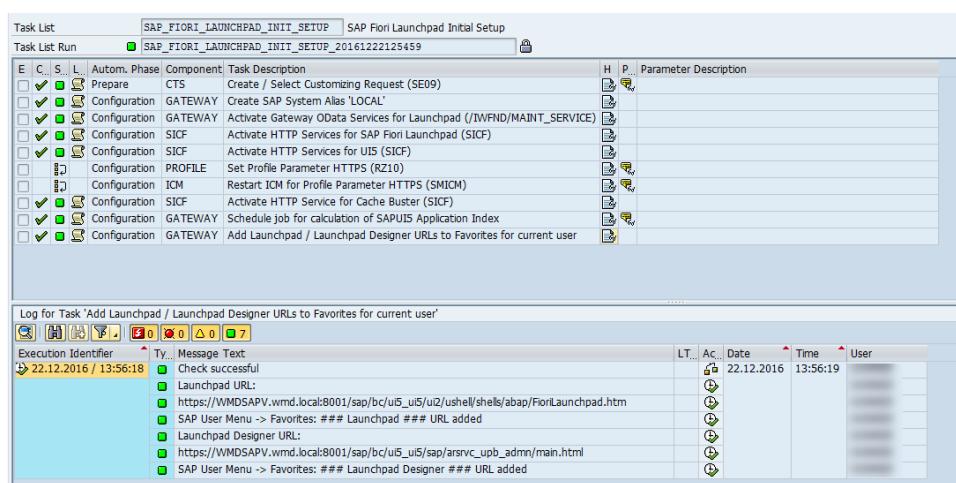
When all tasks have been successfully executed (indicated with green lights), the SAP Fiori Launchpad can be executed.

4. Open the SAP Fiori Launchpad in the web browser from the transaction /UI2/FLP.

5. Installing xSuite Apps

Context

xSuite Apps are installed as the SAP Add-On package, imported on the SAP Gateway.

The SAP Add-On package contains all xSuite Apps. As such, xSuite Apps cannot be installed individually.

The SAP Add-On contains the following components, among others:

- SAP Gateway services

- MIME objects for xSuite Apps

- Sample tile group /WMD/XF_FIORI_GRP

- Sample role /WMD/XF_FIORI

A sample tile catalog, for example /wmd/xf_fiori (lower case), is delivered as a transport.

The components xSuite Web Cube and xSuite Mobile Cube are not included in this SAP Add-On. They are part of the xSuite package.

Procedure

1. Open the SAP Gateway.
2. Import the following add-on release (transaction SAINT).
    Note: The PAT files are located in the delivery directory (folder "Install" or "Update").

Description	Component	Release
WMDGW 525: Add-on installation	WMDGW	525
WMDGW 525: Add-on upgrade	WMDGW	525

    For further information on installation of add-ons, please refer to the product documentation for *xSuite Cube Installation Guide*.
3. Activate the following BC Set for the relevant client (transaction SCPR20):
    /WMD/XF_GW_525

6. Configuring the back end for xSuite Apps

Once the xSuite Apps have been installed, configure the back end for the xSuite Apps.

6.1. An overview of back-end configuration steps

Step		More information
1	Configuring the Gateway back end	See Configuring the Gateway back end (page 14). See Configuring the RFC connection to the target system (page 16).
2	Configuring the Fiori back end	See Configuring the Fiori back end (page 17). **Note**: This step is only required if you wish to operate the xSuite Apps in the Fiori Launchpad. To operate the Suite Apps in stand-alone mode, this step is not necessary.
3	Configuring authorizations for tiles	See Configuring authorizations for tiles (page 21).
4	Editing and translating tile labels	See Editing and translating tile labels (page 24).

6.2. Configuring the Gateway back end

Context

The SAP Gateway must be informed of imported services. The imported services must be assigned to a target system. This section addresses the subject of standard configuration. The settings included in the standard Fiori back-end configuration cover the needs of most scenarios.

For more information on configuration in general, see the SAP Help Portal.

Procedure

1. Execute the transaction /IWFND/MAINT_SERVICE.
   The screen **Activate and Maintain Services** will open.
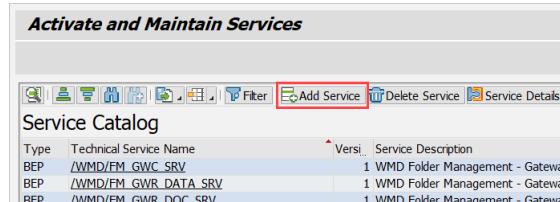
2. Add the following services in sequence.

   - /WMD/XF_ARCHIVE_SRV

   - /WMD/XF_GW_WEB_SERVICE_SRV

   - /WMD/XF_GW_INBOX_SRV

3. For each service, click the button ![icon] **Add Service**.
   The screen **Add Selected Services** will open.
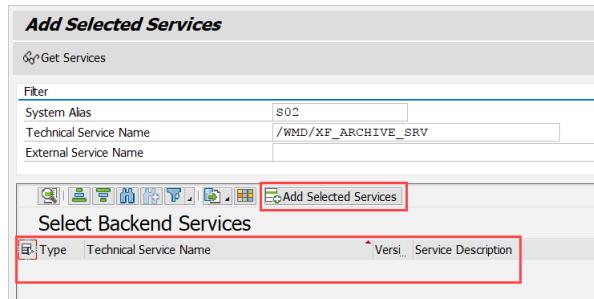
4. Edit the following data.

   - **System Alias**: Enter the value **LOCAL** for each of the services.

   - **Technical Service Name**: Enter the name of one of the three services.

5. Press **Enter** .
   All services that have not been added will be displayed.

6. Click one of the three services.

7. Click the ![icon] **Add Selected Services** button and then the ![icon] **Back** button.
   The service will be added.
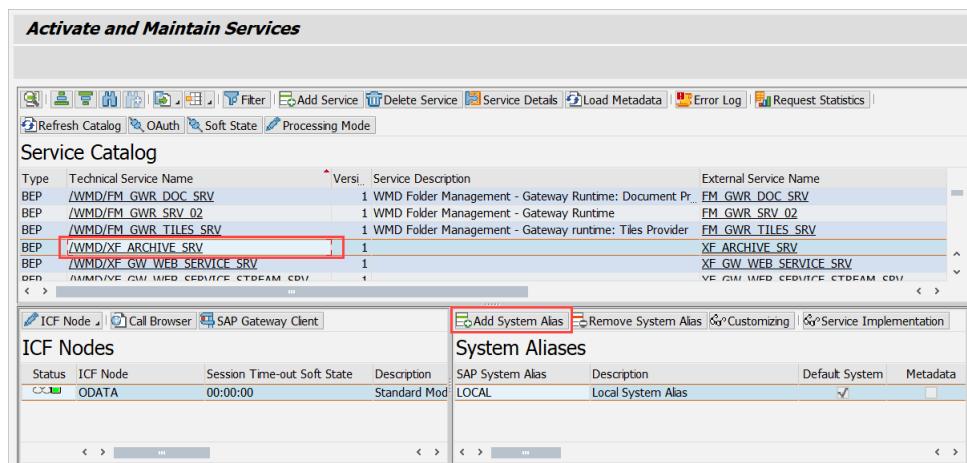
> **NOTE**
> If you wish to see details on the service, click on the name of the service.

8. One after another, set the SAP system aliases for each of the three services by clicking on one of them and then the ![icon] **Add System Alias** button.
   The screen **Change View "Assign SAP System Aliases to OData Service"** will open.
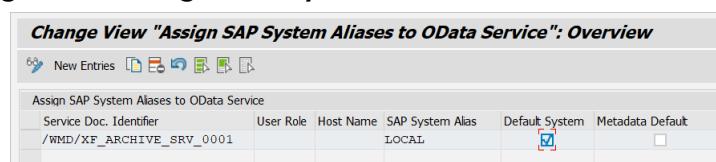
9. Specify the following for each SAP system alias.

Field	Value
Service Doc. Identifier	Automatically identified based on the service, e.g., `/WMD/XF_ARCHIVE_SRV_0001`.
SAP System Alias	Enter the value `LOCAL`.
Default System	Activate the check box.

6.3. Configuring the RFC connection to the target system

Context

If an RFC connection to the target system is not yet present, configure one now.

We recommend naming the RFC connection in line with the target system, e.g., I09800 or I09810, depending on client.

Procedure

1. Execute the transaction SM59.
    The screen **RFC Destination** will open.

2. Edit the following data.

    - **Technical Settings** tab:
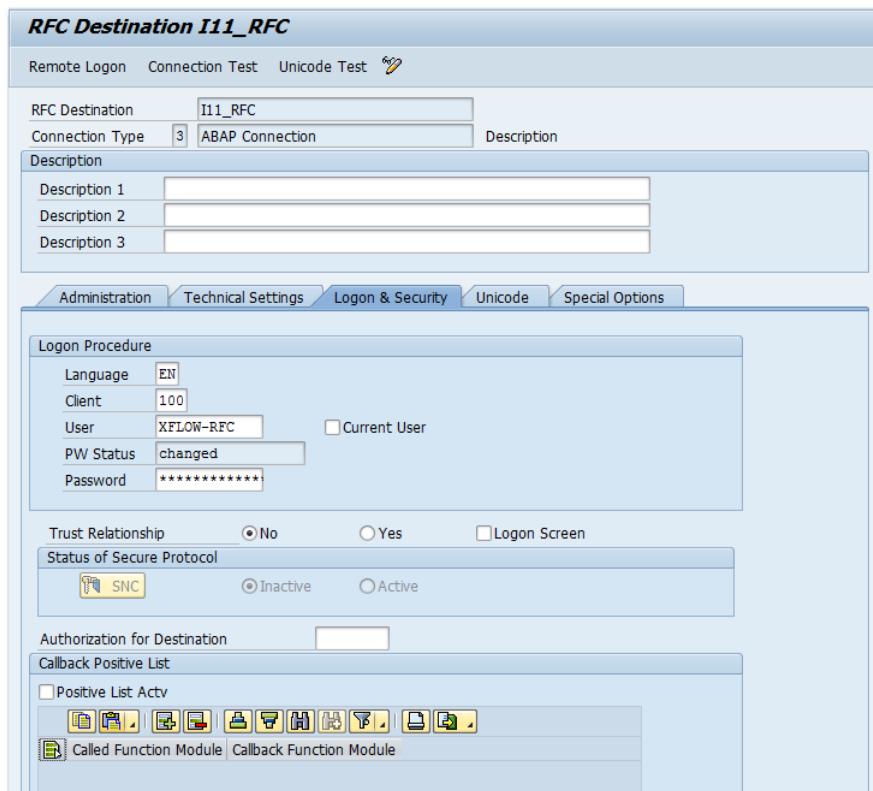
    - **Login & Security** tab:

In the **Login & Security** tab, we recommend the following specifications.

- **Language**: Leave the field blank. Then all languages will display correctly.

- **Trust Relationship**: Set up a trusted connection. Select the option **Yes**.

> **NOTE**
>
> For more information on trusted RFC connections, see the SAP manual
> UI Technology Guide for SAP S/4HANA 1610.

3. Click the **Connection Test** button.
   The RFC connection will be tested.

6.4. Configuring the Fiori back end

> **NOTE**
>
> This step is only required if you wish to operate the xSuite Apps in the Fiori
> Launchpad. To operate the Suite Apps in stand-alone mode, this step is not nec-
> essary.

Configuration of the Fiori back end involves the tasks for defining the transport request for tile
catalogs and editing the properties of the tiles.

6.4.1. Opening the configuration page for a tile

1. Execute the transaction /UI2/FLPD_CUST.
   Fiori Customizing will open in the web browser.

2. Select the **Catalogs** tab.

3. Select a tile catalog such as the xSuite tile catalog "xSuite Fiori".
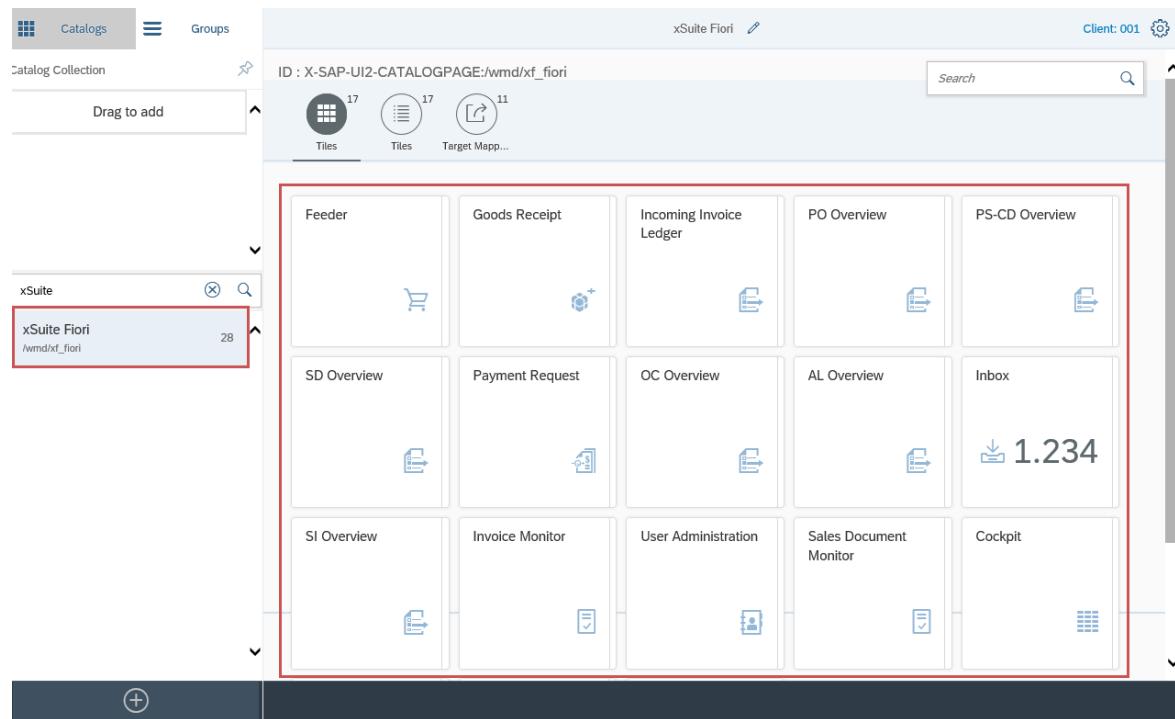
4. Click on a tile.
   The screen for configuring the tiles will open.

6.4.2. Defining a transport request for the tile catalogs

Context
Define a transport request for all tile catalogs to be used. Changes made to the tiles will be logged in the transport request.

Procedure

1. Execute the transaction /UI2/FLPD_CUST.
   Fiori Customizing will open in the web browser.

2. Select the **Catalogs** tab.

3. Select a tile catalog such as the xSuite tile catalog "xSuite Fiori".
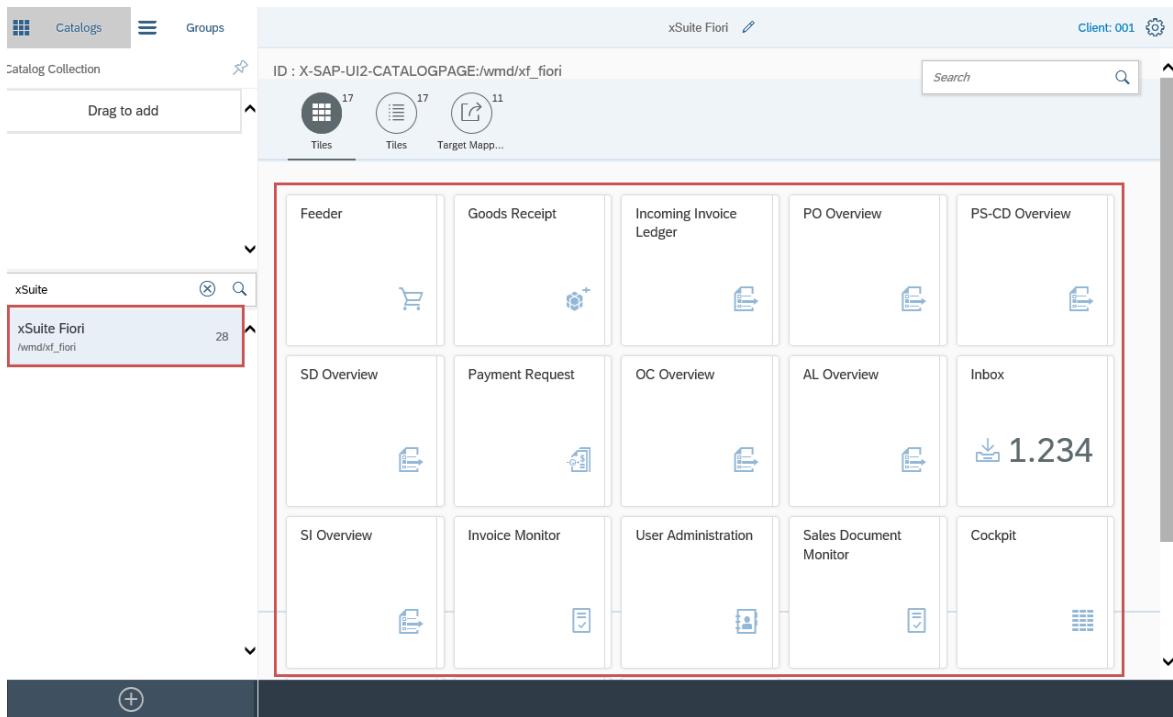
4. Click the ⚙ **Settings** button.

The window **Assign Transport Request** will open.
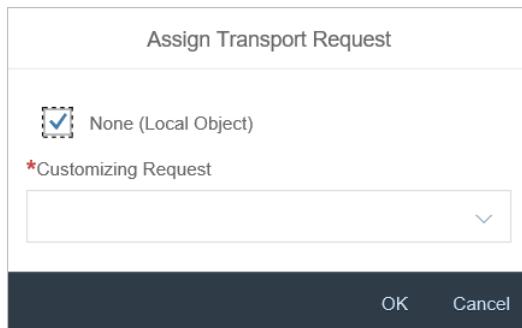
5. Deactivate the **None (Local Object)** check box.

6. Select the desired transport request from the pick list **Customizing Request**.
   If a transport request does not exist yet, create it in the SAP GUI with the transaction SE01.

7. Click **OK**.

6.4.3. Editing labels, short descriptions, and icons in tiles

1. Open the system page of a tile. For more information, see Opening the configuration page for a tile (page 18).

---
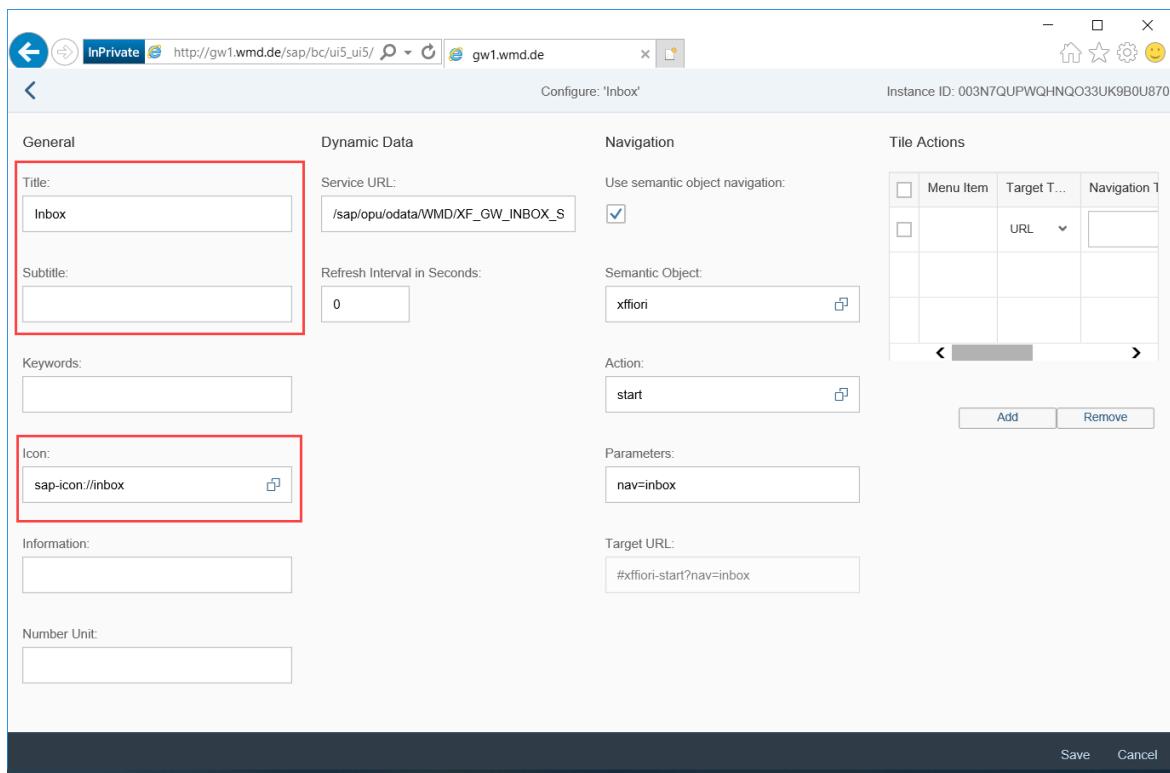
2. This is where you can edit the tile labels, short descriptions, and icons displayed in the tiles.
   Do not edit any of the other settings.
   Exceptions:

   - In the **Parameters** field, you can configure which overview is opened when a tile is clicked in the Overviews App. For more information, see Define call of xSuite Overviews of the Overviews app in the Fiori Launchpad (parameter "type") (page 32).

   - In the **Service URL** field, the counter for the "Inbox" tile can be configured. For more information, see Configuring the counter on the "Inbox" tile (page 20).

3. Save.

6.4.4. Configuring the counter on the "Inbox" tile

Context

To display a counter value on the "Inbox" tile, the appropriate service and RFC destination must be specified.

Procedure

1. Open the configuration page of the inbox tile. For more information, see Opening the configuration page for a tile (page 18).

2. In the **Service URL** field, enter the following value:

   - `/sap/opu/odata/WMD/XF_GW_INBOX_SRV/getData?`
     `mode='IB'&dest='RFC_I08'&noits=''&$format=json`

   - If the ITS workflow tasks are enabled, enter the following value instead:
     `/sap/opu/odata/WMD/XF_GW_INBOX_SRV/getData?`
     `mode='IB'&dest='RFC_I08'&noits='X'&$format=json`

   > **NOTE**
   >
   > `XF_GW_INBOX_SRV` indicates the service, and `RFC_I08` indicates the RFC destination that must be exchanged.

3. Save.

6.5. Configuring authorizations for tiles

A user can only use tiles that are assigned to a tile catalog or a tile group which the user is authorized to use.

The tile catalog or the tile group must be assigned to a role for this:

- Assign a tile catalog to a role.
  When a tile is assigned this way, a user can find his or her role in the tile catalog and add the preferred tile to his or her start page.
  Example: You want a user to be able to view the inbox. Assign the tile catalog /wmd/xf_fiori (written in lower case) to the role of the user. The user will then be able to decide which of the tiles to add to his or her homepage.

- Assign a tile group to a role.
  If a tile is assigned this way, all tiles that are included in the tile groups of his or her role will automatically be displayed on the user's start page.
  Example: You want a user to be able to view the inbox. Assign the tile group /WMD/ XF_FIORI_GRP to the role of the user. The user will see the tile right on the start page.

The SAP Gateway test system GW1 offers the sample role /WMD/XF_FIORI. All sample tile catalogs and the sample tile group /WMD/XF_FIORI_GRP, which contains all tiles, are assigned to this role. All of this data is sample data which can serve as a template for configuration at the customer.

Since the default role is not contained in the package, a new role must be created. Roles are managed with the transaction PFCG and in SAP user administration with the transaction SU01.

6.5.1. Creating a tile group

Context

You can group multiple tiles together to form a tile group. A tile may be contained in multiple tile groups.

Tile groups allow you to manage tile access. For more information, see Configuring authorizations for tiles (page 21).

Procedure

1. Execute the transaction /UI2/FLPD_CUST.
   Fiori Customizing will open in the web browser.

2. Select the **Groups** tab.

> **NOTE**
>
> Ensure that a transport request has been set for tile groups (⚙ **Settings** button). For more information, see Defining a transport request for the tile catalogs (page 18).

3. Click the ⊕ **Create Group** button.
    The dialog screen **Create Group** will open.

4. Enter the label and the ID for the tile group and save.
    The new tile group will appear in the pane on the right side of the screen.

5. Click the tile with the "plus" icon in the **Show as Tiles** section.
    The page **Add Tile to Group** will open.
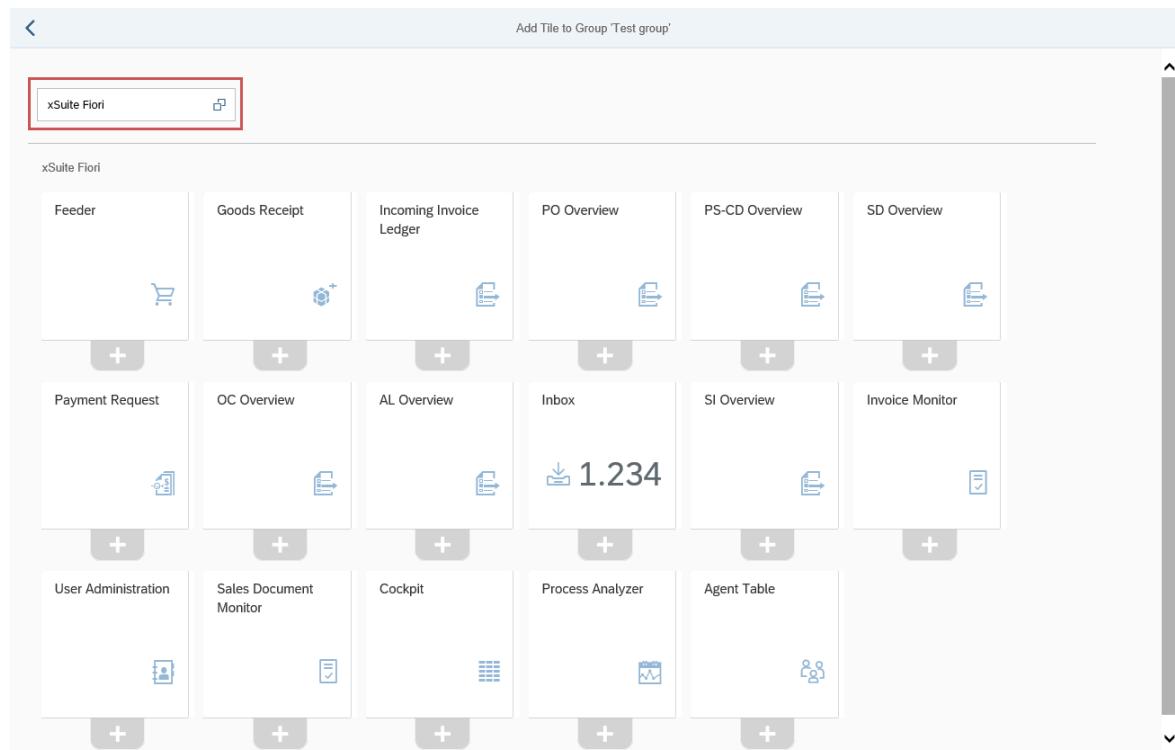
6. In the field in the upper left corner, select the tile catalog that contains the desired tiles, for example "xSuite Fiori".
    The tiles that are included in the tile catalog will be displayed.

7. Click the "plus" icon of the tile you wish to add it.

8. Click the ‹ **Navigate Back** button.
    The tile will be added to the tile catalog.

6.5.2. Assigning a tile catalog or tile group to a role

Context

You can control access to the tiles included in a tile catalog or tile group by assigning these catalogs and groups to roles. For more information, see Configuring authorizations for tiles (page 21).

Procedure

1. Execute the transaction PFCG.

2. Select the preferred role.

3. Select the **Menu** tab.

4. Open the context menu for the **Transaction** button.
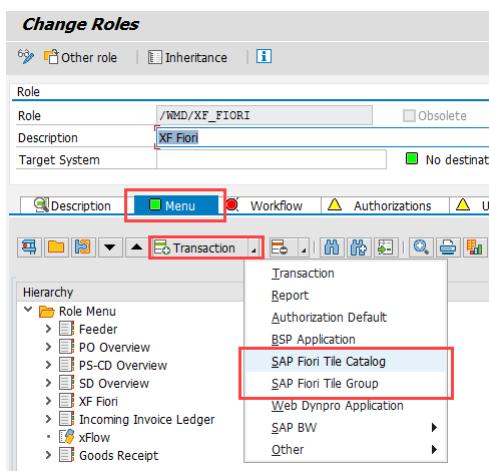
5. Proceed with one of the following steps.

   - To assign a tile catalog to the role, select the entry **SAP Fiori Tile Catalog**. In the dialog that appears, enter the ID of the preferred tile catalog.

   - To assign a tile group to the role, select the entry **SAP Fiori Tile Group**. In the dialog that appears, enter the ID of the preferred tile group.

6.6. Editing and translating tile labels

Context

Tile headings are connected to the SAP text system. Therefore, the transaction SE63 should be used to edit and translate them.

If a user changes default tile headers in the SAP Fiori Launchpad, user-specific entries will be created for the tile ID in the translation table. User-specific entries have priority over standard entries.

Procedure

1. Execute the transaction SE63.

2. Click the **Short Texts** button.

3. In the dialog that appears, select **00 Meta Objects → TABL Tables (Meta)**.
   The dialog **ABAP Short Texts: Tables (Meta)** will open.
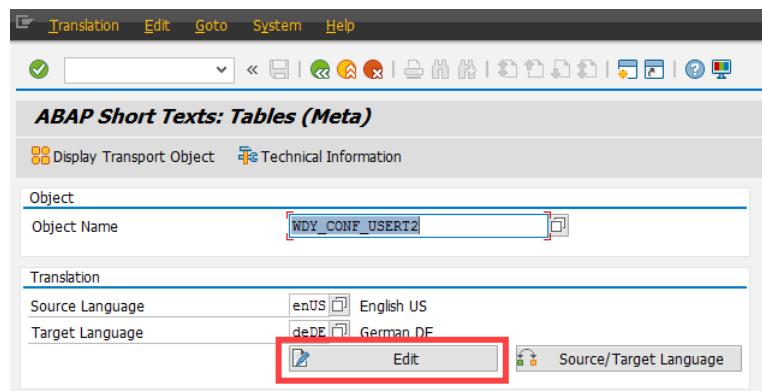
4. In the field **Object Name**, enter the value `WDY_CONF_USERT2`.

5. Click the **Edit** button.
   The table WDY_CONF_USERT2 will open.
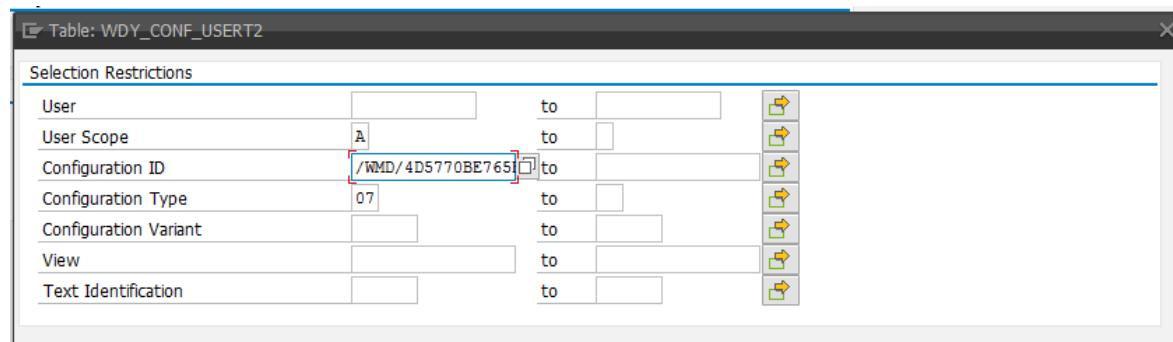
6. Edit the following data.

   - **User Scope**: Enter the value `A`.

   - **Configuration ID**: Enter the tile-catalog ID:
     `/WMD/4D5770BE765E9490904606C95F8`
     Note: The complete tile catalog ID can only be entered using multiple selection.

   - **Configuration Type**: Enter the value `07`.

7. Click the ⚙ **Execute** button.
   The translation table will open.

8. Enter the preferred text and save.

9. Empty the caches for both SAP Gateway and SAP Fiori.
   To do so, enter the transaction SE38 and execute the report /UI2/INVALIDATE_GLOB-AL_CACHES.
   Executing the report may take a few minutes.

7. Configuring the front end for xSuite Apps

Once you have configured the back end of the xSuite Apps, move on to the front end for the xSuite Apps.

Front-end configuration should be performed centrally for all xSuite Apps. As a minimum, the basic settings must be made for each xSuite App. The remaining configuration steps are optional.

The front-end may be the Fiori Launchpad, or it may be a stand-alone version.

The front-end for the xSuite Apps is configured with the parameters in the `settings.json` file. For an overview of all parameters, see Appendix A: "settings.json" parameters for the xSuite Apps (page 36).

If you run the xSuite Apps in the Fiori Launchpad, you can also configure the behavior of individual tiles. This is done with tile parameters.

If you run the xSuite Apps in stand-alone mode, you can also configure the behavior of individual pages. This is done with GET parameters.

7.1. An overview of the front-end configuration steps for the xSuite Apps

Step	Manda-tory	More information
Making basic front-end settings	X	In the basic front-end configuration for the xSuite Apps, you determine whether the Fiori Launchpad or the stand-alone mode is to be used and whether a gateway is to be used.
		For information on the procedure, see Making front-end settings for xSuite Apps (page 26).
		For more information on the basic settings, see Overview of the basic settings for the xSuite Apps (page 28).
Making front-end settings		See Making front-end settings for xSuite Apps (page 26).
Configuring individual tiles for the Fiori Launchpad or Configuring individual pages for stand-alone mode		See An overview of the tile settings for the Fiori Launchpad (page 30). or See An overview of GET parameters for the stand-alone mode (page 33).

7.2. Making front-end settings for xSuite Apps

Context

The front-end settings for the xSuite Apps are made using the parameters in the `settings.json` of the xSuite base component.

For the parametric values, the following applies.

- When the data type is "string," set the parametric value in double quotes.

- If the data type is "string" and you enter a blank string consisting of two quotes (""), the default value will be used.

- If the data type is "number" or "boolean," you can either set the parametric value in double quotes or omit them.

The xSuite Apps are delivered in the package /WMDGW/XF_FIORI.

Procedure

1. Execute the transaction SICF.

2. Open the path **default_host → sap → bc → bsp → wmdgw**, and from the context menu of the entry **fiori** select the command **Activate Service**.

3. Execute the transaction SE80.

4. View the package /WMDGW/XF_FIORI.

5. Navigate to the `settings.json file` of the xSuite base component **(WMDGW/ XF_FIORI → wmdgw/base → MIMEs)**.
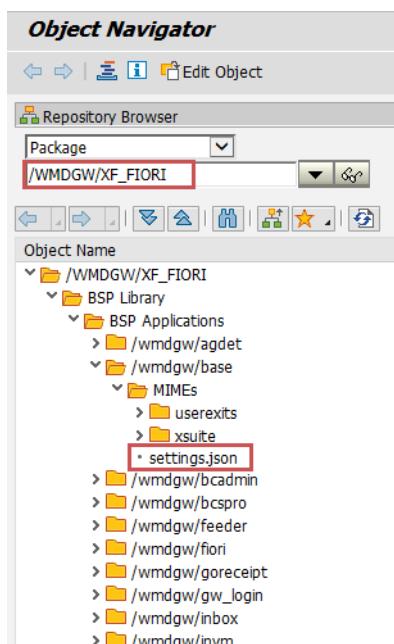
6. Open the `settings.json` file.

```
{
    "__comment__": "---- FIORI LAUNCHPAD? / GATEWAY? / Hana? ----",
    "fiori":                                 "",
    "use_nwgw":                              "",
    "hana":                                  "",

    "__comment__": ""---- GATEWAY-SETTINGS "----",
    "nwgw": {
        "nwgw_host":                         "",
...
```

7. Set the basic parametric values.
   For information on the parametric values to be specified for the basic settings, see Overview of the basic settings for the xSuite Apps (page 28).

> ⚠️ **CAUTION**
>
> If a gateway is to be used, you must specify values for the parameters `nwgw >nwgw_host` and `nwgw >nwgw_target`, since no default values exist.
>
> If the Document Viewer is used, always specify a value for the parameter `docviewer >_default_ >_default_ >uri`, since no default value exists. Otherwise, the use of the Document Viewer must be deactivated.

8. Set additional parametric values if needed.
   For information on which parametric values are available, see Appendix A: "settings.json" parameters for the xSuite Apps (page 36).

9. Save.

7.3. Overview of the basic settings for the xSuite Apps

Use case	Parameter	Value	Explanatory notes
Use Fiori Launchpad	`fiori`	**true**	When the Fiori Launchpad is used, a gateway is also automatically used. This means that the parameter `use_nwgw` always has the value **true**, regardless of the value in the `settings.json` file.
Use stand-alone mode	`fiori`	**false**	--
Use gateway server	`use_nwgw`	**true**	--
	`nwgw > nwgw_host`	**""**	If no value has been specified, the host is determined from the URL. This is necessary if, for example, the xSuite Apps are accessible externally and internally via different URLs. Then all services must be accessible via all hosts.
		Standard host of the gateway server	If there is only one fixed host, it is entered here. The value must have the following structure. **http(s)://<domain>:<port>** The section **:<port>** is optional. If you do not specify a port, Port 80 will be used. Do not end the string with a slash (/).
	`ngwg > nwgw_target`	Created RFC destination	Standard target if the SAP back end and the SAP Gateway are on two different systems.
		"NONE"	Standard target if the SAP back end and the SAP Gateway are on the same system.
Use non-gateway server	`use_nwgw`	**false**	--

Use case	Parameter	Value	Explanatory notes
	`uri > host`	`""`	If no value has been specified, the host is determined from the URL.
			This is necessary if, for example, the xSuite Apps are accessible externally and internally via different URLs. Then all services must be accessible via all hosts.
		Host running the xSuite App	If there is only one fixed host, enter it here.
			The value must have the following structure.
			`http(s)://<domain>:<port>`
			The section `:<port>` is optional. If you do not specify a port, Port 80 will be used.
			Do not end the string with a slash (/).
Use Document Viewer	`docviewer >_default_ >_default_ > cloud`	`false`	The Document Viewer displays data from the Helix archive.
		`true`	No Helix archive is used (default value).
	`docviewer >_default_ >_default_ > uri`	`http(s)://<do-main>:<port>`	Specifies the host and directory where the xSuite Bus web service or the xSuiteCaptureDataService of the Helix archive is located.
			The value must have the following structure.
			`http(s)://<domain>:<port>`
			The section `:<port>` is optional. If you do not specify a port, Port 80 will be used.
			Do not end the string with a slash (/).
			Caution: A default value does not exist. Therefore, be sure to set a value.
When not using the Document Viewer	`docviewer >_default_ >_default_ > Enabled`	`false`	--

7.4. Configuring individual tiles for the Fiori Launchpad

xSuite Apps can be run in the Fiori Launchpad or in stand-alone mode.

If you run the xSuite Apps in the Fiori Launchpad, you can configure the behavior of individual tiles for each xSuite App.

To configure the behavior of individual tiles, use the tile parameters. For example, the following tile configuration calls the AL Overview (Opening the configuration page for a tile (page 18) → field **Action** = `start` and field **Parameters** = `type=AL`).

> **NOTE**
>
> You cannot define a theme for the Fiori Launchpad. The theme defined by the user in Fiori will be used automatically. The exception is when a tile is opened in a new tab; then the default theme will automatically be used.

7.4.1. An overview of the tile settings for the Fiori Launchpad

Parameters for the tiles of all xSuite Apps

Parameter	Description	More information
fiori	Defining behavior when opening a tile in the Fiori Launchpad	See Setting behavior when opening a tile in the Fiori Launchpad ("fiori" parameter) (page 31).
rfc	Setting an individual RFC connection for an xSuite tile in the Fiori Launchpad	See Setting an individual RFC connection for an xSuite tile in the Fiori Launchpad ("rfc" parameter) (page 31).

Parameters for tiles of the Overviews App

Parameter	Description	More information
type	Defines the call of xSuite overviews of the Overviews App in the Fiori Launchpad.	See Define call of xSuite Overviews of the Overviews app in the Fiori Launchpad (parameter "type") (page 32).

Parameters for the Process Analyzer App

Parameter	Description	More information
nav	Defines the start page of the Process Analyzer App in the Fiori Launchpad.	See Set the start page of the Process Analyzer tile in the Fiori Launchpad (parameter "nav") (page 32).

7.4.2. Setting behavior when opening a tile in the Fiori Launchpad ("fiori" parameter)

Context

If you are running the xSuite Apps in the Fiori Launchpad, a tile can be opened either in the same tab or in a new tab. You can manage this behavior with the parameter `fiori`.

Procedure

1. Open the system page of a tile. For more information, see Opening the configuration page for a tile (page 18).

2. In the **Parameters** field, specify the following.

   - To open the tile in a new tab, enter the parameter `fiori=true`.

   - To open the tile in the same tab (inplace), do not enter the parameter `fiori=true`.

3. Save.

7.4.3. Setting an individual RFC connection for an xSuite tile in the Fiori Launchpad ("rfc" parameter)

Context

Define the RFC destination to be used by default in `settings.json`. For more information, see Appendix A: "settings.json" parameters for the xSuite Apps (page 36). This RFC destination will apply to the tiles of all xSuite Apps.

For each tile, you can set an individual RFC destination with the `rfc` parameter. The tile content will then be invoked with the individual RFC destination.

If you define an individual RFC destination, you must make additional settings in `settings.json` in the following cases.

- When you have activated the ITS functionality, you will also need to define the ITS data for this back end. Do this in the parameter `its`.

- If you use the Document Viewer and at least one back end is connected to an archive other than the default archive, you must define additional Document Viewer data for each back end that has a different archive. Do this in the `settings.json` in the parameter `docviewer`.

Procedure

1. Open the system page of a tile. For more information, see Opening the configuration page for a tile (page 18).

2. In the **Parameters** field, enter the RFC destination of the tile as the `rfc` parameter.

3. Save.

7.4.4. Define call of xSuite Overviews of the Overviews app in the Fiori Launchpad (parameter "type")

The Overviews App contains various xSuite Overviews, e.g. the Incoming Invoice Ledger and the AL Overview.

For the overviews of the Overviews App, the parameter `type` defines which overview is opened when clicking on a tile.

Overview of the values for the "type" parameter

Value	xSuite Overview
`AL`	AL Overview
`IV`	Incoming Invoice Ledger
`OC`	OC Overview
`PO`	PO Overview
`PS`	PS-CD-Overview
`SD`	SD Overview
`SI`	SI Overview

7.4.5. Set the start page of the Process Analyzer tile in the Fiori Launchpad (parameter "nav")

Context

The Process Analyzer App is displayed as a tile on the start page of the Fiori Launchpad. Clicking on the tile in the standard version will open a selection of different overviews in the form of five tiles: **Last month**, **Last week**, **Current month**, **Current week** and **Complex search**.

As an alternative, you can click on the **Process Analyzer** tile to open one of the overviews directly.

Use the parameter `nav` to define which overview is opened.

Procedure

1. Open the configuration page of the Process Analyzer tile. For more information, see Opening the configuration page for a tile (page 18).

2. In the field **Parameters**, enter the value **nav=<parameterValue>**.
    Example: **nav=lastMonth** to open the overview for the last month
    For more information on available parameter values, see Overview of values for "nav" parameter (page 33).

3. Save.

7.4.5.1. Overview of values for "nav" parameter

> **NOTE**
> When specifying the parameter values, always differentiate between upper and lower case.

Value	Description
lastMonth	Brings you straight to the overview for the last month.
thisMonth	Brings you straight to the overview for the current month.
lastWeek	Brings you straight to the overview for the last week.
thisWeek	Brings you straight to the overview for the current week.
complex	Brings you straight to the complex search.

7.5. Configuring individual pages for stand-alone mode

xSuite Apps can be run in the Fiori Launchpad or in stand-alone mode.

If you run the xSuite Apps in stand-alone mode, you can configure the behavior of individual pages for each xSuite App.

To configure the behavior of individual pages, use GET parameters in the URL.

7.5.1. An overview of GET parameters for the stand-alone mode

Parameter	Description	More information
sap-ui-theme	Setting a theme for the xSuite Apps in stand-alone mode	See Setting a theme for the xSuite Apps in stand-alone mode ("sap-ui-theme" parameter) (page 33).
rfc	Setting the individual RFC connection for the xSuite Apps in stand-alone mode	See Setting an individual RFC connection in stand-alone mode ("rfc" parameter) (page 34).

7.5.2. Setting a theme for the xSuite Apps in stand-alone mode ("sap-ui-theme" parameter)

If you run the xSuite Apps in stand-alone mode, the theme will default to "SAP Belize."

To specify a different theme, use the sap-ui-theme parameter. Which themes are supported depends on which SAPUI5 version is used.

> **NOTE**
>
> As of the xSuite Apps for SAP Fiori 5.2.5 release, the SAP Blue Crystal (sap_bluecrystal) and SAP High Contrast (sap_hcp) themes are no longer supported.

Theme	Value of the "sap-ui-theme" parameter	SAPUI5 version
SAP Belize	sap_belize	From Version 1.44
SAP Belize Plus	sap_belize_plus	From Version 1.44
SAP Belize High Contrast Black	sap_belize_hcb	From Version 1.46
SAP Belize High Contrast White	sap_belize_hcw	From Version 1.46
SAP Quartz Dark	sap_fiori_3_dark	From Version 1.71
SAP Quartz High Contrast Black	sap_fiori_3_hcb	From Version 1.69
SAP Quartz High Contrast White	sap_fiori_3_hcw	From Version 1.69
SAP Quartz Light	sap_fiori_3	From Version 1.65

7.5.3. Setting an individual RFC connection in stand-alone mode ("rfc" parameter)

Set the RFC destination that is used by default for an xSuite App in `settings.json`. For more information, see Appendix A: "settings.json" parameters for the xSuite Apps (page 36). This RFC destination will apply to each login.

If you define an individual RFC destination, you must make additional settings in `settings.json` in the following cases.

- When you have activated the ITS functionality, you will also need to define the ITS data for this back end. Do this in the parameter `its`.

- If you use the Document Viewer and at least one back end is connected to an archive other than the default archive, you must define additional Document Viewer data for each back end that has a different archive. Do this in the `settings.json` in the parameter `docviewer`.

Stand-alone mode with SSO

When calling an xSuite App, you can set an individual RFC destination with the parameter `rfc`. This individual RFC destination is used for invocation of the xSuite App.

Example of a URL:

```
http(s)://<domain>/<path>/<file>.html?rfc=<RfcDestination>
```

Stand-alone mode without SSO

In the login form, a user can select an RFC destination, i.e., a system. Which RFC destinations are available for selection depends on the back-end configuration.

You can use the parameter `rfc` to change the default RFC destination.

8. Performing follow-up tasks

After an update of the xSuite apps, you need to restore customizations.

8.1. Restore customizations

1. If a new language has been added, check whether new texts (pairs of key texts) have been added. They will need to be translated and entered into the respective language file.

2. Apply the front-end settings from the old `manifest.json` file to the new `manifest.json` file.
    Only apply the relevant values. Do not replace the entire new `settings.json` file with the old one.

    > 📝 **NOTE**
    >
    > If you have upgraded from a version lower than 5.2.2, you will find the front-end settings in the `manifest.json` file in the `xflow.settings` section.

3. Copy the modifications of the old `Component.js` to the new `Component.js`.

4. Transfer the values from `script src` and `script data-sap-ui-appCacheBuster` from the old `index.html` and `sso.html` to the new `index.html` and `sso.html` (only if stand-alone mode is used).

5. Modifications to the former Workflow App (directory `/wmd/userexits/`) cannot simply be adopted due to the refactoring of the Workflow App.
    These modifications have to be adapted and, depending on the type of modification, be incorporated into the Feeder App, Goods Receipt App, Inbox App, Overviews App, Payment Request App and/or the Display Document functionality of the xSuite Basis functionality.
    Transfer the modification to the corresponding file of the respective `/userexits/` directory (see the *xSuite Apps for SAP Fiori development guide* publication).
    Apply modifications from the remaining apps (e.g. the Invoice Monitor app) and the basic functionality to the corresponding files in the respective directory `/userexits/`.
    New files and directories added as a result of the update and any existing changes to existing files must be retained.
    After importing the user exits, check whether they still function correctly or whether adjustments are necessary.

A. "settings.json" parameters for the xSuite Apps

> **NOTE**
> You might see parameters in the `settings.json` file that are not listed here. These settings are intended for a future product version.

1. FIORI LAUNCHPAD?/GATEWAY?/HANA?

Parameter	Description	Default value	Data type	Range of values
`fiori`	Determines whether the xSuite Apps are run in the Fiori Launchpad or in stand-alone mode. The Fiori Launchpad is always called via a gateway. Therefore, this parameter has direct influence on the parameter `use_nwgw`.	**true**	Boolean	**true**: The xSuite apps are operated in the Fiori Launchpad. **false**: The xSuite Apps are operated in stand-alone mode, i.e., without the Fiori Launchpad.
`use_nwgw`	Specifies whether the SAP NetWeaver Gateway will be used. If the parameter `fiori` has the value **true**, a gateway is always used. This means that the parameter `use_nwgw` always has the value **true**, regardless of the value in the `settings.json` file.	**true**	Boolean	**true**: A gateway is used. **false**: No gateway is used.
`hana`	Specifies whether an SAP S/4HANA back end is used.	**false**	Boolean	**true**: An SAP S/4HANA back end is used. **false**: No SAP S/4HANA back end is used.

2. GATEWAY-SETTINGS

Parameter	Description	Default value	Data type	Range of values
`nwgw`	Settings for the SAP NetWeaver Gateway These settings only have an effect if the parameter `use_nwgw` has the value **true**.	--	--	--

Parameter	Description	Default value	Data type	Range of values
`nwgw > nwgw_host`	See Overview of the basic settings for the xSuite Apps (page 28). **Caution**: A default value does not exist. Therefore, be sure to set a value.		String	--
`nwgw > nwgw_target`	See Overview of the basic settings for the xSuite Apps (page 28). **Caution**: A default value does not exist. Therefore, be sure to set a value.		String	--
`nwgw > nwgw_path`	Determines the path, without log or host, for the web service `xf_gw_web_service_srv`. The string must begin and end with a slash (/).	`/sap/opu/ odata/wmd/ xf_gw_web_ serv- ice_srv/`	String	--
`nwgw > nwgw_ar- chive_path`	Determines the path, without log or host, for invoking the archive by way of the gateway `xf_ar- chive_srv`. The string must begin and end with a slash (/).	`/sap/opu/ odata/wmd/ xf_ar- chive_srv/`	String	--
`nwgw > nwgw_oci_path`	Determines the path, without log or host, for invoking the OCI serv- ices `xf_oci`. The string must begin and end with a slash (/).	`/sap/bc/bs p/wmd/ xf_oci/`	String	--
`nwgw > nwgw_en- tity`	--	`payloadSet`	String	--
`nwgw > nwgw_down- load_entity`	--	`download- Set`	String	--
`nwgw > nwgw_oci_entity`	--	`index.htm`	String	--
`nwgw > nwgw_up- load_entity`	--	`uploadSet`	String	--
`nwgw > nwgw_ssopath- file`	Specifies the path (without log or host) and file of the SSO service. The string must begin with a slash (/) and end with "htm" or "html".	`/sap/bc/bs p/wmdgw/ xf_gw_sso_ fiori/ sso.htm`	String	--

3. NON-GATEWAY-SETTINGS

Parameter	Description	Default value	Data type	Range of values
`uri`	Settings for stand-alone mode (without gateway). These settings only have an effect if the parameter `use_nwgw` has the value **false**.	--	--	--

Parameter	Description	Default value	Data type	Range of values
`uri > host`	See Overview of the basic settings for the xSuite Apps (page 28).	`window.location.proto-col + '//' + win-dow.loca-tion.host`	String	--
`uri > serv-ice_url`	Specifies the path to the xSuite web service. The path is specified without either protocol or host. The string must begin with a slash (/) and end with a question mark (?).	`/sap/bc/wmd_web_se rvice?`	String	--
`uri > ssopath-file`	Defines the path to the xSuite SSO service. The path is specified without either protocol or host. The string must begin with a slash.	--	String	--
`uri > target`	Determines whether the SAP back end and the xSuite Apps are on the same system or on different systems.	"" (blank string)	String	`""`: The SAP back end and the xSuite apps will be on the same system. Created RFC destination: The SAP back-end and the xSuite apps will be located on different systems.
`loginlogo`	Specifies the image file that is displayed as the logo on the Login page (stand-alone mode, no SSO login). For more information on modifying the non-SSO login page, see the publication *xSuite Apps for SAP Fiori Development Guide*.	"" (blank string)	String	`""`: xSuite logo `"-"` (minus): no logo String begins with "http": External image file, where the URL for the external image file must be specified in its entirety. String does not begin with "http": Local image file; the file name with file extension must be located in the `/user-exits/` directory of the xSuite base component.

`showLogoutBtn`	Determines whether the logout button is displayed.	`true`	Boolean	`true`
				
				`false`

4. DOCVIEWER-/BUS-SETTINGS

Parameter	Description	Default value	Data type	Range of values
`docviewer`	Settings for the document viewer	--	--	--
`docviewer > _default_`	Settings for the standard back end, provided no other back end has been defined with the "rfc" parameter.	--	--	--
`docviewer > _default_ > _default_`	Settings for all interface applications of all standard back ends For an example, see Appendix B: "settings.json" parameters—additional information (page 58).	--	--	--
`docviewer > _default_ > _default_ > enabled`	Controls whether the Document Viewer is used. If the value is **false**, the remaining `docviewer` settings for this RFC destination will have no effect.	**true**	Boolean	**true** **false**
`docviewer > _default_ > _default_ > cloud`	The Document Viewer displays data from the Helix archive.	**false**	Boolean	**true** **false**
`docviewer > _default_ > _default_ > uri`	Specifies the host and directory where the xSuite Bus web service or the xSuiteCaptureDataService of the Helix Archive is located. The value must have the following structure. **http(s)://<domain>:<port>** The section **:<port>** is optional. If you do not specify a port, Port 80 will be used. Do not end the string with a slash (/). **Caution**: A default value does not exist. Therefore, you must specify a value when using the Document Viewer.	--	String	--
`docviewer > _default_ > _default_ > service`	Defines the service that the Document Viewer uses. The default value is determined automatically depending on the value of the parameter `docviewer >_default_ >_default_ >cloud`: • **false** → **/XFlowBusWebService.svc/web** (xSuite Bus Web Service) • **true** → **/Stream** (xSuiteCaptureDataService)	/XFlowBus-WebSer-vice.svc/web or /Stream	String	--

Parameter	Description	Default value	Data type	Range of values
`docviewer > exampleRFC`	Settings for back ends whose data deviates from the data of the standard back end **Notes**: • Rename the key `exampleRFC` to the respective `rfc` parametric value. Note that the value is case-sensitive. • Duplicate this property for each back end addressed by `rfc` parametric value or login form, and name the respective keys accordingly. For an example, see Appendix B: "settings.json" parameters—additional information (page 58).	--	--	--
`docviewer > exampleRFC > exampleAPPL`	Settings for the Interface Application `exampleAPPL` of the back end with the `rfc` parameter `exampleRFC`	--	--	--
`docviewer > exampleRFC > exampleAPPL > enabled`	See `docviewer >_default_ >_default_ > enabled`	--	--	--
`docviewer > exampleRFC > exampleAPPL > cloud`	See `docviewer >_default_ >_default_ > cloud`	--	--	--
`docviewer > exampleRFC > exampleAPPL > uri`	See `docviewer >_default_ >_default_ > uri`	--	--	--
`docviewer > exampleRFC > exampleAPPL > service`	See `docviewer >_default_ >_default_ > service`	--	--	--
`docviewer > exampleRFC > default`	Settings for all interface applications of the back end with the `rfc` parameter `exampleRFC`, for which there are no separate settings. In this case, they apply to all interface applications except `exampleAPPL`. For each `rfc` destination, the `_default _` values of the interface application must be set.	--	--	--
`docviewer > exampleRFC > default > enabled`	See `docviewer >_default_ >_default_ > enabled`	--	--	--
`docviewer > exampleRFC > default > cloud`	See `docviewer >_default_ >_default_ > cloud`	--	--	--

Parameter	Description	Default value	Data type	Range of values
`docviewer > exampleRFC > default > uri`	See `docviewer >_default_ >_default_ > uri`	--	--	--
`docviewer > exampleRFC > default > service`	See `docviewer >_default_ >_default_ > service`	--	--	--

5. GENERAL ITS-SETTINGS

Parameter	Description	Default value	Data type	Range of values
`its`	Settings for the SAP Internet Transaction Server (ITS) and SAP-GUI for HTML (webgui)	--	--	--
`its > _default_`	Settings for the standard back end, provided no other back end has been defined with the "rfc" parameter.	--	--	--
`its > _default_ > host`	Sets the host of the SAP Internet Transaction Server. The value must have the following structure. **http(s)://<domain>:<port>** The section **:<port>** is optional. If you do not specify a port, Port 80 will be used. Do not end the string with a slash (/).	`window.location.protocol + '//' + window.location.host`	String	--
`its > _default_ > path`	Sets the path, without host, for the webgui. The string must begin with a slash (/) and end with **transaction=**.	`/sap/bc/gui/sap/its/webgui?~transaction=`	String	--
`its > exampleRFC`	Settings for each additional back end addressed with "rfc" parameters. For more information, see Setting an individual RFC connection for an xSuite tile in the Fiori Launchpad ("rfc" parameter) (page 31). **Notes**: • Rename the key `exampleRFC` with the respective "rfc" parametric value. Note that the value is case-sensitive. • If more than one additional back end is addressed with different tiles, duplicate this property and rename the respective keys.	--	--	--

Parameter	Description	Default value	Data type	Range of values
`its > exampleRFC > host`	See `its > default > host`.	`window.location.protocol + '//' + window.location.host`	String	--
`its > exampleRFC > path`	See `its > default > path`.	`/sap/bc/gui/sap/its/webgui?~transaction=`	String	--
`itsConfirmClose`	Controls whether the ITS dialog must be confirmed to close.	`false`	Boolean	`true`: When closing the dialog, you must confirm that you really do want to close the dialog. `false`: Then the dialog will close.
`itsFullscreen`	Determines whether the dialog screen that displays the ITS completely fills the browser window.	`true`	Boolean	`true`: The dialog screen will fill the browser window. `false`: The dialog screen will be displayed next to the attachents. If there is no attachment, the dialog screen will fill the browser window.

6. WORKFLOW SETTINGS

Parameter	Description	Default value	Data type	Range of values
`dispdoc`	Workflow-specific settings (independent of app)	--	--	--
`dispdoc > csvNumberOfHeaders`	Determines the number of header lines in a CSV file. The header lines are ignored in a CSV file upload or import. All CSV files must therefore have the same number of headers.	`0`	Number	`0` to `99`
`dispdoc > dataReloadAfterMail`	Determines whether work-item data is to be reloaded after an e-mail has been sent. When you reload, the attachments will be refreshed and the e-mails displayed directly. For slow systems or slow data connections, select `false` in order to cut down on data requests.	`true`	Boolean	`true`: The e-mail will be accessible in the attachments. `false`: The e-mail will only be displayed when the work item is reloaded manually or called up again.

Parameter	Description	Default value	Data type	Range of values
dispdoc > generalAccountingTplsType	Determines whether a general account-assignment template can be applied in one or two levels.	**2**	Number	**1**: All templates and account-assignment rows will be displayed immediately. Templates will be available for selection. **2**: Only the templates will be displayed when the window is opened. To display the account assignment rows and adopt a template, first open the one desired.
dispdoc > itsUcomms	Determining the ucomms that use the ITS	--	--	--
dispdoc > itsUcomms > AL	Settings for work items of the "AL" group	--	--	--
dispdoc > itsUcomms > AL > AL	Ucomms of the work items of type /WMD/XF_AL that require the ITS **Caution**: If you define your own ucomms that run on the ITS, they must be added here as values.	--	String with values separated with commas	--
dispdoc > itsUcomms > IV	Setting for the work items of the "IV" group	--	--	--
dispdoc > itsUcomms > IV > AP	Ucomms of the work items of type /WMD/XF_AP that require the ITS **Caution**: If you define your own ucomms that run on the ITS, they must be added here as values.	**chng_inv**, **disp_inv**, **post, reverse**	String with values separated with commas	--
dispdoc > itsUcomms > IV > LO	Ucomms of the work items of type /WMD/XF_LO that require the ITS **Caution**: If you define your own ucomms that run on the ITS, they must be added here as values.	**chng_inv**, **disp_inv**, **post, reverse**	String with values separated with commas	--
dispdoc > itsUcomms > IV > XI	Ucomms of the work items of type /WMD/XF_XI that require the ITS **Caution**: If you define your own ucomms that run on the ITS, they must be added here as values.	--	String with values separated with commas	--
dispdoc > itsUcomms > OC	Setting for the work items of the "OC" group	--	--	--

Parameter	Description	Default value	Data type	Range of values
`dispdoc > itsUcomms > OC > OC`	Ucomms of the work items of type /WMD/XF_OC that require the ITS **Caution**: If you define your own ucomms that run on the ITS, they must be added here as values.	--	String with values separated with commas	--
`dispdoc > itsUcomms > PO`	Setting for the work items of the "PO" group	--	--	--
`dispdoc > itsUcomms > PO > PF`	Ucomms of the work items of type /WMD/XF_PF that require the ITS **Caution**: If you define your own ucomms that run on the ITS, they must be added here as values.	--	String with values separated with commas	--
`dispdoc > itsUcomms > PO > PO`	Ucomms of the work items of type /WMD/XF_PO that require the ITS **Caution**: If you define your own ucomms that run on the ITS, they must be added here as values.	**chng_doc, disp_doc**	String with values separated with commas	--
`dispdoc > itsUcomms > PO > PR`	Ucomms of the work items of type /WMD/XF_PR that require the ITS **Caution**: If you define your own ucomms that run on the ITS, they must be added here as values.	**chng_doc, disp_doc**	String with values separated with commas	--
`dispdoc > itsUcomms > PS`	Setting for the work items of the "PS" group	--	--	--
`dispdoc > itsUcomms > PS > CD`	Ucomms of the work items of type /WMD/XF_CD that require the ITS **Caution**: If you define your own ucomms that run on the ITS, they must be added here as values.	**chng_inv, disp_inv, post**	String with values separated with commas	--
`dispdoc > itsUcomms > PS > FM`	Ucomms of the work items of type /WMD/XF_FM that require the ITS **Caution**: If you define your own ucomms that run on the ITS, they must be added here as values.	**chng_inv, delete, disp_inv, post**	String with values separated with commas	--
`dispdoc > itsUcomms > SD`	Setting for the work items of the "SD" group	--	--	--
`dispdoc > itsUcomms > SD > OR`	Ucomms of the work items of type /WMD/XF_OR that require the ITS **Caution**: If you define your own ucomms that run on the ITS, they must be added here as values.	**chng_doc, disp_doc**	String with values separated with commas	--
`dispdoc > itsUcomms > SI`	Setting for the work items of the "SI" group	--	--	--

Parameter	Description	Default value	Data type	Range of values
`dispdoc > itsUcomms > SI > SI`	Ucomms of the work items of type /WMD/XF_SI that require the ITS **Caution**: If you define your own ucomms that run on the ITS, they must be added here as values.	--	String with values separated with commas	--
`dispdoc > itsAccUcomms`	Determining the ucomms in the accounting block that use the ITS	--	--	--
`dispdoc > itsAccUcomms > AL`	Settings for work items of the "AL" group	--	--	--
`dispdoc > itsAccUcomms > AL > AL`	Ucomms of the work items of type /WMD/XF_AL that require the ITS **Caution**: If you define your own ucomms that run on the ITS, they must be added here as values.	--	String with values separated with commas	--
`dispdoc > itsAccUcomms > IV`	Setting for the work items of the "IV" group	--	--	--
`dispdoc > itsAccUcomms > IV > AP`	Ucomms of the work items of type /WMD/XF_AP that require the ITS **Caution**: If you define your own ucomms that run on the ITS, they must be added here as values.	--	String with values separated with commas	--
`dispdoc > itsAccUcomms > IV > LO`	Ucomms of the work items of type /WMD/XF_LO that require the ITS **Caution**: If you define your own ucomms that run on the ITS, they must be added here as values.	--	String with values separated with commas	--
`dispdoc > itsAccUcomms > IV > XI`	Ucomms of the work items of type /WMD/XF_XI that require the ITS **Caution**: If you define your own ucomms that run on the ITS, they must be added here as values.	po	String with values separated with commas	--
`dispdoc > itsAccUcomms > OC`	Setting for the work items of the "OC" group	--	--	--
`dispdoc > itsAccUcomms > OC > OC`	Ucomms of the work items of type /WMD/XF_OC that require the ITS **Caution**: If you define your own ucomms that run on the ITS, they must be added here as values.	--	String with values separated with commas	--
`dispdoc > itsAccUcomms > PO`	Setting for the work items of the "PO" group	--	--	--
`dispdoc > itsAccUcomms > PO > PF`	Ucomms of the work items of type /WMD/XF_PF that require the ITS **Caution**: If you define your own ucomms that run on the ITS, they must be added here as values.	--	String with values separated with commas	--

Parameter	Description	Default value	Data type	Range of values
dispdoc > it-sAccUcomms > PO > PO	Ucomms of the work items of type /WMD/XF_PO that require the ITS **Caution**: If you define your own ucomms that run on the ITS, they must be added here as values.	--	String with values separated with commas	--
dispdoc > it-sAccUcomms > PO > PR	Ucomms of the work items of type /WMD/XF_PR that require the ITS **Caution**: If you define your own ucomms that run on the ITS, they must be added here as values.	--	String with values separated with commas	--
dispdoc > it-sAccUcomms > PS	Setting for the work items of the "PS" group	--	--	--
dispdoc > it-sAccUcomms > PS > CD	Ucomms of the work items of type /WMD/XF_CD that require the ITS **Caution**: If you define your own ucomms that run on the ITS, they must be added here as values.	--	String with values separated with commas	--
dispdoc > it-sAccUcomms > PS > FM	Ucomms of the work items of type /WMD/XF_FM that require the ITS **Caution**: If you define your own ucomms that run on the ITS, they must be added here as values.	--	String with values separated with commas	--
dispdoc > it-sAccUcomms > SD	Setting for the work items of the "SD" group	--	--	--
dispdoc > it-sAccUcomms > SD > OR	Ucomms of the work items of type /WMD/XF_OR that require the ITS **Caution**: If you define your own ucomms that run on the ITS, they must be added here as values.	--	String with values separated with commas	--
dispdoc > it-sAccUcomms > SI	Setting for the work items of the "SI" group	--	--	--
dispdoc > it-sAccUcomms > SI > SI	Ucomms of the work items of type /WMD/XF_SI that require the ITS **Caution**: If you define your own ucomms that run on the ITS, they must be added here as values.	--	String with values separated with commas	--
dispdoc > oci	Settings that affect OCI catalogs.	--	--	--
dispdoc > oci > modifyMerca-teoURL	Determines whether an attempt should be made to correct an incorrect Mercateo configuration.	**false**	Boolean	**true**: With an attempt at correction, which must be confirmed by the user. **false**: No attempt at correction

Parameter	Description	Default value	Data type	Range of values
`dispdoc > scrollToSection`	Determines whether the system automatically scrolls to a section when a work item is opened.	`true`	Boolean	`true`: Will scroll automatically to a specific section. Which section is scrolled to depends, among other things, on which sections are displayed. `false`: No automatic scrolling to a section.

`dispdoc > show-GoReWeWrbtr`	Determines whether the totals column is displayed in the goods-receipt dialog screen.	`false`	Boolean	`true`
				
				`false`

7. MISCELLANEOUS GENERAL SETTINGS

Parameter	Description	Default value	Data type	Range of values
`attachNoPDFi-Frame`	If settings determine that file attachments be displayed in an iFrame, this parameter controls whether this also applies to PDF attachments.	`true`	Boolean	`true`: Never open PDFs in iFrame. `false`: Open PDFs according to user settings in the iFrame or object.
`busytype`	Sets the type of screen output, for instance when the app is waiting for a response from the back end.	`2`	Number	`1`: The busy indicator is used. The GUI is shaded over. A moving image will be displayed. `2`: The busy dialog is used. As in (1), an additional text such as "Please wait for..." will be displayed.
`cacheInterval`	Specifies the number of seconds after which the cache timer is updated in the document display. This parameter is only included if the parameter `cacheShowBtn` is `true`.	`1`	Number	`0` to `60`

Parameter	Description	Default value	Data type	Range of values
cacheShowBtn	Defines how the expiration of the cache runtime should be handled.	**false**	Boolean	**true**: The cache timer will be displayed in the footer. A click on the cache timer will restart the cache runtime. **false**: The cache timer will not be displayed in the footer. Five minutes before the cache runtime expires, a dialog screen will appear informing the user of imminent runtime expiration. The user will either be able to restart the cache runtime or to leave the document.
CsrfTokenPeriod	Sets the length of time before the request for the CsrfToken is repeated. Expressed in minutes. This prevents the CsrfToken from becoming invalid during use of the app. Once the time is up, CsrfToken will be requested. When inactive, CsrfToken is not requested again. In this case, it expires. The time span must be shorter than the length of validity of CsrfToken.	15	Number	**5** to **240**

Parameter	Description	Default value	Data type	Range of values
`doctypeStrict`	Controls whether the document type must be strictly observed for Excel and Word documents (XLS, XLSX, DOC, DOCX).	`true`	Boolean	**`true`**: • XLS only allows XLS files • XLSX only allows XLSX files • DOC only allows DOC files • DOCX only allows DOCX files **`false`**: • XLS allows XLS and XLSX files • XLSX allows XLS and XLSX files • DOC allows DOC and DOCX files • DOCX allows DOC and DOCX files
`favicon`	Specifies the favicon (image file) that is displayed, for example, in the web browser tab bar. When using an external or local image file, this image file must match the image format and size of the favicon.	"" (blank string)	String	**`""`**: Standard icon **`"-"`** (minus): no favicon String begins with "http": External image file, where the URL for the external image file must be specified in its entirety. String does not begin with "http": Local image file; the file name with file extension must be located in the `/userexits/` directory of the xSuite base component.
`f4maxhits`	Sets the maximum number of entries in F4 input help.	`1000`	Number	`>= 0`

Parameter	Description	Default value	Data type	Range of values

`f4SingleLoad-DirectlyAll`	Controls whether the basic search is displayed within the single step F4 input help (workflow).
	
	The basic search filters all data fields for the value, not just a specific data field.
	
	Note: In the two-step F4 input help, the basic search does not work because the data is not accessible in the same way.
	
	For an example, see Appendix B: "settings.json" parameters—additional information (page 58).
		`false`	Boolean	`true`
				
				`false`

`ieCheck`	Determines whether the web browser used is the Internet Explorer or Microsoft Edge. Because Internet Explorer and Microsoft Edge are not compliant with the standard, these web browsers require corrections to ensure correct display, etc. In other web browsers, corrections such as these are superfluous.	`true`	Boolean	`true`: The web browser is checked. The fixes will only be applied to Internet Explorer and Microsoft Edge. `false`: The web browser is not checked. The corrections are always made.
`maxURIlength`	This value specifies the maximum length permitted for the URL of a search parameter. Example: A user saves the search criteria entered for an xSuite overview as a bookmark. If the URL with the search parameters exceeds the maximum length, the search parameter will not be added. The maximum length of the URL is limited. It varies depending on the web browser and version. A length of up to 2000 characters is generally supported. If all users are using the same version and it supports a longer URL, you can set a higher value. If the search aborts in the xSuite overviews, set a lower value.	`2000`	Number	`0`: Any search criteria entered will not be appended to the URL when saved as a bookmark. `1` to `8000`
`maxRowSelections`	Defines the maximum number of lines that can be selected simultaneously from the table to perform an action on them (for example, forwarding in the results list of the Incoming Invoice Ledger).	`100`	Number	`10` to `1000`
`modelSizeLimit`	Sets the maximum number of entries in that are used for model bindings.	`1000`	Number	`100` to `5000`

Parameter	Description	Default value	Data type	Range of values
`modifyTitle`	Specifies the page title that is displayed in the web browser tab.	`1`	Number	**0**: Page title = app title **1**: Page title = app page · app title. Example: Incoming Invoice Ledger · xSuite App **2**: Page title = app title · app page. Example: xSuite App · Incoming Invoice Ledger
`plainpdf`	The dummy PDF displayed in the **Attachments** section if there is no attachment. For more information, see the publication *xSuite Apps for SAP Fiori Development Guide*.	`""` (blank string)	String	`""`: The standard dummy PDF is used. PDF file without the file extension ".pdf": This PDF is used. It must be in the `/wmd/userexits/` directory.
`skipTextHeaderline`	Determines whether the formatted header line should be output in the logs.	**true**	Boolean	**true**: The formatted header line will not be output. **false**: The formatted header line will be output.
`secondaryCalendarType`	Specifies whether pop-up windows displaying calendars should add a second date format to the existing Gregorian calendar. For an example, see Appendix B: "settings.json" parameters—additional information (page 58).	`""` (blank string)	String	**Islamic** **Japanese** **Persian** `""`: Only the Gregorian calendar is displayed.
`textRightAlign`	Sets the SAP data types that have values that are aligned to the right.	`CURR,NUMC,DEC,FLTP,INT1,INT2,INT4,QUAN`	String with values separated with commas	--
`validationerror`	Settings for the output of validation errors	--	--	--
`validationerror > duration`	Defines the number of milliseconds a message toast is displayed. The default value **2500** corresponds to 2.5 seconds.	**2500**	Number	**500** to **20000**
`validationerror > msgtype`	Determines whether validation errors are output in a message toast or a dialog. A message toast will disappear automatically. A dialog must be closed by the user.	**2**	Number	**1**: Output in a message toast (without specifying the field) **2**: Output in a message toast **3**: Output in dialog (must be actively closed)

Parameter	Description	Default value	Data type	Range of values
`validationerror > position`	Defines where a message toast is displayed in the web browser window.	**center bottom**	String	**center top** **center center** center bottom

8. APP SPECIFIC SETTINGS

8.1. INBOX APP

Parameter	Description	Default value	Data type	Range of values
`app_inbox`	Settings for the Inbox App	--	--	--
`app_inbox > itsEnabled`	Determines whether ITS functionality is available in the Inbox App. If `itsEnabled` has the value **false**, the remaining `its parameters` have no effect.	**false**	Boolean	**true** **false**
`app_inbox > noCustomFields`	Determines whether the custom fields are available in the web workstation.	**false**	Boolean	**true**: The custom fields in the web workstation will be available. **false**: The custom fields in the web workstation will not be available.
`app_inbox > resub`	Settings for resubmission in the Inbox App	--	--	--
`app_inbox > resub > addDays`	In the resubmission dialog, the selection calendar of the field "Resubmission time" is preset to today's date plus **x** days. **x** is the value of this parameter.	1	Number	**1** to **30**
`app_inbox > resub > hours`	In the resubmission dialog, the selection calendar of the field "Resubmission time" the hourly value of the time is preset to this value.	7	Number	0 to **23**
`app_inbox > resub > minutes`	In the resubmission dialog, the selection calendar of the field "Resubmission time" the minute value of the time is preset to this value.	0	Number	0 to **59**
`app_inbox > splitOldTimline`	Determines whether work item texts stored in the old long text system are split into individual timeline items with time and user. **Caution**: Splitting only works if the standard scheme is used for the header. If a different scheme has been defined, splitting will most likely fail. Then this parameter must be set to **false**.	**true**	Boolean	**true**: Old long texts will be split and displayed with explicitly highlighted user and time. **false**: Display old entries in the form of a text block.

Parameter	Description	Default value	Data type	Range of values
`app_inbox > wiListGrowThres`	Concerns the tables that use the Grow functionality. This means that initially only the first **x** table entries are displayed. The next **x** entries can then be displayed step by step. **x** is the value of this parameter.	**25**	Number	**10** to **50**

8.2. INVOICE MONITOR APP

Parameter	Description	Default value	Data type	Range of values
`app_invm`	Settings for the Invoice Monitor App	--	--	--
`app_invm > attachmentsGrid`	Determines how the attachments of a work item are displayed. For an example, see Appendix B: "settings.json" parameters—additional information (page 58).	**true**	Boolean	**true**: Attachments are displayed in the grid. **false**: Attachments are displayed in the form of a list.
`app_invm > attSecInFrontOf1`	Outputs **attachments** section before this section if both sections are displayed. If the section defined here is not displayed, the parameter `attSecInFrontOf2` is applied.	**TEXT**	String	**HEAD, ITEM, TEXT, WFLOG**
`app_invm > attSecInFrontOf2`	Outputs **attachments** section before this section if both sections are displayed. If the section defined here is not displayed, the **Attachments** section will be displayed as the last section if it is to be displayed. **Caution**: The values of the parameters `attSecInFrontOf1` and `attSecInFrontOf2` must not be identical.	**WFLOG**	String	**HEAD, ITEM, TEXT, WFLOG**
`app_invm > itsEnabled`	Controls whether ITS functionality is available in the Invoice Monitor App. If `itsEnabled` has the value **false**, the remaining `its parameters` have no effect.	**false**	Boolean	**true** **false**
`app_invm > itsUcomms`	Defines all ucomms that run via ITS in the Invoice Monitor App. **Caution**: If you define your own ucomms that run on the ITS, they must be added here as values.	**call_sap_ta_park, call_sap_ta_post, create_vendor, disp**	String with values separated with commas	--

Parameter	Description	Default value	Data type	Range of values
`app_invm > searchMaxHits`	Defines the maximum number of data records that can be delivered from the back end by the Invoice Monitor App.	`500`	Number	`25` to `10000`
`app_invm > splitOldTimeline`	Controls whether log entries created by the old log module are displayed in the timeline individually or in the form of a text block. **Caution**: Splitting only works if the formatting of the header line corresponds to the standard, i.e. it has not been customized.	`true`	Boolean	`true`: Split old entries and display them individually, if possible. `false`: Display old entries in the form of a text block.

8.3. ORDER CONFIRMATION MONITOR APP

Parameter	Description	Default value	Data type	Range of values
`app_ocm`	Settings for the Order Confirmation Monitor App	--	--	--
`app_ocm > attachmentsGrid`	Determines how the attachments of a work item are displayed. For an example, see Appendix B: "settings.json" parameters—additional information (page 58).	`true`	Boolean	`true`: Attachments are displayed in the grid. `false`: Attachments are displayed in the form of a list.
`app_ocm > attSecInFrontOf1`	Outputs **attachments** section before this section if both sections are displayed. If the section defined here is not displayed, the parameter `attSecInFrontOf2` is applied.	`TEXT`	String	`HEAD`, `ITEM`, `TEXT`, `WFLOG`
`app_ocm > attSecInFrontOf2`	Outputs **attachments** section before this section if both sections are displayed. If the section defined here is not displayed, the **Attachments** section will be displayed as the last section if it is to be displayed. **Caution**: The values of the parameters `attSecInFrontOf1` and `attSecInFrontOf2` must not be identical.	`WFLOG`	String	`HEAD`, `ITEM`, `TEXT`, `WFLOG`

`app_ocm > itsEnabled`	Determines whether ITS functionality is available in the Order Confirmation App.
	
	If `itsEnabled` has the value `false`, the remaining `its parameters` have no effect.
		`false`	Boolean	`true`
				
				`false`

Parameter	Description	Default value	Data type	Range of values
`app_ocm > itsUcomms`	Defines all ucomms that run via ITS in the Order Confirmation Monitor App. **Caution**: If you define your own ucomms that run on the ITS, they must be added here as values.	`call_sap_ta_park, call_sap_ta_post`	String with values separated with commas	--
`app_ocm > searchMaxHits`	Defines the maximum number of data records that can be delivered from the back end by the Order Confirmation App.	`500`	Number	`25` to `10000`
`app_ocm > splitOldTimline`	Controls whether log entries created by the old log module are displayed in the timeline individually or in the form of a text block. **Caution**: Splitting only works if the formatting of the header line corresponds to the standard, i.e. it has not been customized.	`true`	Boolean	`true`: Split old entries and display them individually, if possible. `false`: Display old entries in the form of a text block.

8.4. OVERVIEWS APP

Parameter	Description	Default value	Data type	Range of values
`app_overviews`	Settings for the Overviews App	---	---	---

`app_overviews > itsEnabled`	Determines whether ITS functionality is available in the Inbox App.
	
	If `itsEnabled` has the value `false`, the remaining `its parameters` have no effect.
		`false`	`Boolean`	`true`
				
				`false`

`app_overviews > maxSearchHits`	Defines the default value of the **Max. number of hits** field with which the field is pre-filled in the search mask of the overviews.	`500`	Number	0 to `9999`
`app_overviews > splitOldTimline`	Determines whether work item texts stored in the old long text system are split into individual timeline items with time and user. **Caution**: Splitting only works if the standard scheme is used for the header. If a different scheme has been defined, splitting will most likely fail. Then this parameter must be set to `false`.	`true`	Boolean	`true`: Old long texts will be split and displayed with explicitly highlighted user and time. `false`: Display old entries in the form of a text block.

8.5. PROCESS ANALYZER (ONLINE) APP

Parameter	Description	Default value	Data type	Range of values
`app_paonl`	Settings for the Process Analyzer App (online)	---	---	---

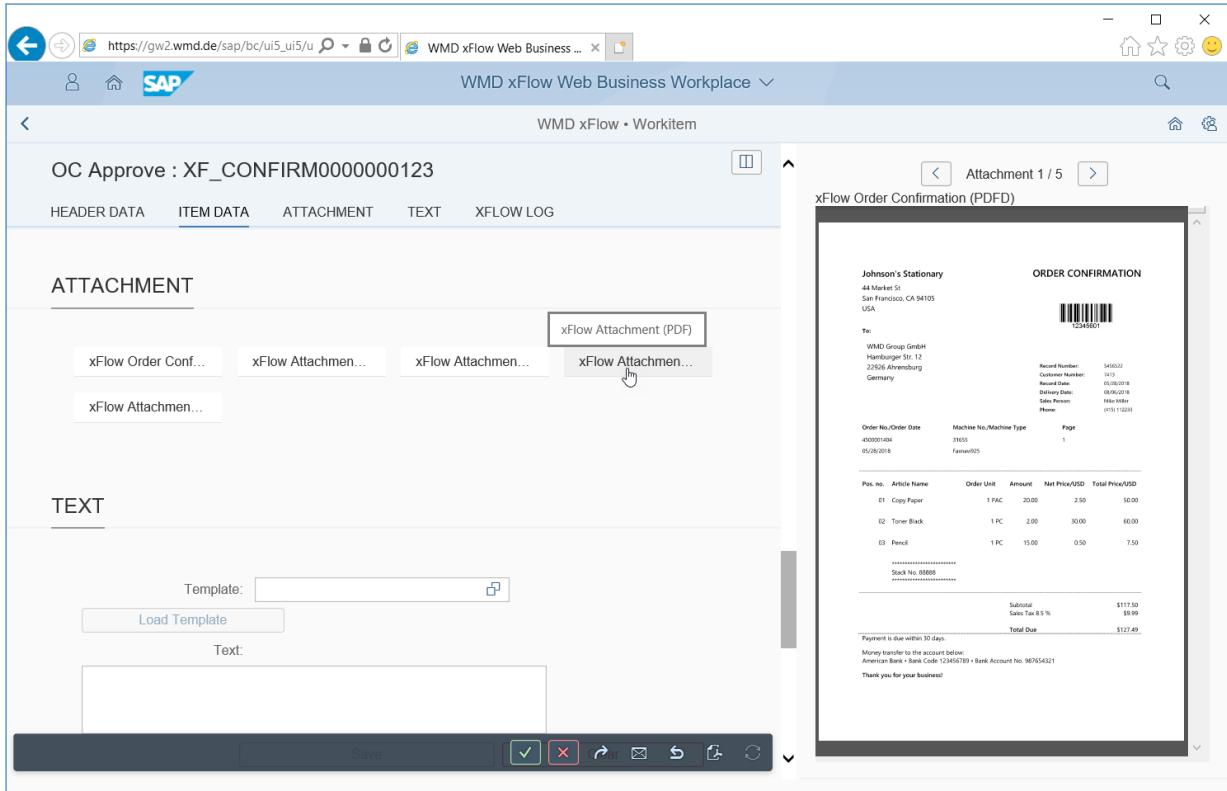| Parameter	Description	Default value	Data type	Range of values
`app_paonl > defaultBukrs`	Determines which company code is used for the quick queries "last month", "this month", "last week" and "this week". In the complex search, the entry field for the company code is also filled with the company code defined here.	`1000`	String	Maximum length of string in characters: 4

8.6. SALES DOCUMENT MONITOR APP

Parameter	Description	Default value	Data type	Range of values
`app_sdm`	Settings for the Sales Document Monitor App	--	--	--
`app_sdm > attachmentsGrid`	Determines how the attachments of a work item are displayed. For an example, see Appendix B: "settings.json" parameters—additional information (page 58).	`true`	Boolean	`true`: Attachments are displayed in the grid. `false`: Attachments are displayed in the form of a list.
`app_sdm > attSecInFrontOf1`	Outputs **attachments** section before this section if both sections are displayed. If the section defined here is not displayed, the parameter `attSecInFrontOf2` is applied.	`TEXT`	String	`HEAD, ITEM, TEXT, WFLOG`
`app_sdm > attSecInFrontOf2`	Outputs **attachments** section before this section if both sections are displayed. If the section defined here is not displayed, the **Attachments** section will be displayed as the last section if it is to be displayed. **Caution**: The values of the parameters `attSecInFrontOf1` and `attSecInFrontOf2` must not be identical.	`WFLOG`	String	`HEAD, ITEM, TEXT, WFLOG`

`app_sdm > itsEnabled`	Controls whether ITS functionality is available in the Sales Document Monitor App.
	
	If `itsEnabled` has the value `false`, the remaining `its parameters` have no effect.
		`false`	Boolean	`true`
				
				`false`

`app_sdm > itsUcomms`	Sets all ucomms that run in the Sales Document Monitor App via the ITS. **Caution**: If you define your own ucomms that run on the ITS, they must be added here as values.	`call_sap_ta_park, call_sap_ta_post, create_customer, disp`	String with values separated with commas	--

Parameter	Description	Default value	Data type	Range of values
`app_sdm > searchMaxHits`	Defines the maximum number of data records that can be delivered from the back end by the Document Monitor App.	`500`	Number	`25` to `10000`
`app_sdm > splitOldTimline`	Controls whether log entries created by the old log module are displayed in the timeline individually or in the form of a text block. **Caution**: Splitting only works if the formatting of the header line corresponds to the standard, i.e. it has not been customized.	`true`	Boolean	`true`: Split old entries and display them individually, if possible. `false`: Display old entries in the form of a text block.

B. "settings.json" parameters—additional information

1. "attachmentsGrid" parameter

If the value **true** is entered for the `attachmentsGrid` parameter, then attachments will be displayed in the grid, as follows:

If the value **false** is entered for the `attachementsGrid` parameter, then attachments will be displayed in list form, as follows:

2. "secondaryCalendarType" parameter

If the parameter `secondaryCalendarType` has the value **Japanese**, the pop-up window for calendars will display the Japanese calendar in addition to the Gregorian calendar:

3. Parameters of the "DOCVIEWER/BUS-SETTINGS" section

In the three examples below, the following preconditions apply:

- There are three back ends with the RFC destination BE1, BE2, and BE3.

- The interface applications APPL_1, APPL_2, and APPL_3 are available on these three back ends.

3.1. Example 1:

Requirements for the back ends

- The Document Viewer is active for all three back ends. (The default value of `enabled` is **true**.)

- No Helix Archive is used. (The default value of `cloud` is **false**.)

- The xSuite Bus service has not been renamed (default service) and can be reached via the URI `https://<domain1>/<directory1>`.

Implementation in the file "settings.json"

```
…
    "docviewer": {
        "_default_": {
            "_default_": {
                "enabled":              "",
                "cloud":                "",
                "uri":                  "https://<domain1>/<directory1>",
                "service":              ""
            }
        }
    },
…
```

3.2. Example 2:

Requirements for the back ends

- The Document Viewer is active for all three back ends. (The default value of `enabled` is **true**.)

- In all three back ends, separate settings are used for the interface application APPL_2. A Helix Archive is addressed via the URI `https://<domain2>/<directory2>`.

- The settings from example 1 apply to the Interface applications APPL_1 and APPL_3.

- If no separate settings have been made for an interface application, the settings of the interface application _default_ will apply.
  Settings must always be made for the interface application _default_. In this example, the _default_ settings are used for the interface applications APPL_1 and APPL_3.

- If the default value is used for a parameter, the parameter can be omitted in `settings.json`. In this example, the parameters with default values are omitted to reduce the amount of code.

Implementation in the file "settings.json"

```
…
    "docviewer": {
        "_default_": {
            "_default_": {
                "uri":                  "https://<domain1>/<directory1>"
            },
            "APPL_2": {
                "cloud":                true,
                "uri":                  "https://<domain2>/<directory2>"
            }
        }
    },
…
```

3.3. Example 3:

Requirements for the back ends

- For the back ends BE1 and BE2, the settings from Example 2 apply.

- The following different settings exist for the back-end BE3.

  - The following URL is used for the interface application APPL_1: `https://<domain3>/<directory3>`

  - APPL_2 uses the same Helix Archive as the other two back ends.

  - The viewer is deactivated for APPL_3.

- Settings must always be made for the interface application `_default_`. These settings will apply if no individual settings have been made for an RFC connection.
  In this example, the `_default_` settings for the back ends BE1 and BE2 are used.

- A separate settings structure is created for the back end with RFC destination BE3. The settings structure must contain a `_default_` interface application. The settings of APPL_1 are used for this. For APPL_2 and APPL_3, corresponding settings are made.

- If the default value is used for a parameter, the parameter can be omitted in `settings.json`. In this example, the parameters with default values are omitted to reduce the amount of code.

Implementation in the file "settings.json"

```
…
    "docviewer": {
        "_default_": {
            "_default_": {
                "uri":                  "https://<domain1>/<directory1>"
            },
```

```
        "APPL_2": {
            "cloud":                true,
            "uri":                  "https://<domain2>/<directory2>"
        }
    }
    "BE3": {
        "_default_": {
            "uri":                  "https://<domain3>/<directory3>"
        },
        "APPL_2": {
            "cloud":                true,
            "uri":                  "https://<domain2>/<directory2>"
        },
        "APPL_3": {
            "enabled":              false
        }
    }
},
…
```

C. xSuite tiles

Content	Template	Field	Value
Feeder creation (xSuite Feeder App)	App Launcher – Static	**Title**	Feeder
		Icon	sap-icon://Fiori2/F0407
		Use semantic object navigation	Selected
		Semantic Object	xsffeeder
		Action	start
		Parameters	
Post goods receipt (xSuite Goods Receipt App)	App Launcher – Static	**Title**	Goods receipt
		Icon	sap-icon://Fiori4/F0502
		Use semantic object navigation	Selected
		Semantic Object	xsfgoreceipt
		Action	start
		Parameters	
Incoming Invoice Ledger (xSuite Overviews App)	App Launcher – Static	**Title**	Incoming Invoice Ledger
		Icon	sap-icon://Fiori2/F0260
		Use semantic object navigation	Selected
		Semantic Object	xsfoverviews
		Action	start
		Parameters	type=IV
PO Overview (xSuite Overviews App)	App Launcher – Static	**Title**	PO Overview
		Icon	sap-icon://Fiori2/F0260
		Use semantic object navigation	Selected
		Semantic Object	xsfoverviews
		Action	start
		Parameters	type=PO
PS-CD Overview (xSuite Overviews App)	App Launcher – Static	**Title**	PS-CD Overview
		Icon	sap-icon://Fiori2/F0260
		Use semantic object navigation	Selected
		Semantic Object	xsfoverviews
		Action	start
		Parameters	type=PS
SD Overview (xSuite Overviews App)	App Launcher – Static	**Title**	SD Overview
		Icon	sap-icon://Fiori2/F0260
		Use semantic object navigation	Selected
		Semantic Object	xsfoverviews
		Action	start
		Parameters	type=SD

Content	Template	Field	Value
Payment request (xSuite Payment Request App)	App Launcher – Static	Title	Payment request
		Icon	sap-icon://Fiori2/F0249
		Use semantic object navigation	Selected
		Semantic Object	xsfpayreq
		Action	start
		Parameters	
OC Overview (xSuite Overviews App)	App Launcher – Static	Title	OC Overview
		Icon	sap-icon://Fiori2/F0260
		Use semantic object navigation	Selected
		Semantic Object	xsfoverviews
		Action	start
		Parameters	type=OC
AL Overview (xSuite Overviews App)	App Launcher – Static	Title	AL Overview
		Icon	sap-icon://Fiori2/F0260
		Use semantic object navigation	Selected
		Semantic Object	xsfoverviews
		Action	start
		Parameters	type=AL
Inbox (xSuite Inbox App)	App Launcher – Dynamic	Title	Inbox
		Icon	sap-icon://inbox
		Service URL	/sap/opu/odata/WMD/ XF_GW_INBOX_SRV/getData? mode='IB'&dest='RFCDEST'&noits="& $format=json or, if the ITS workflow tasks are enabled: /sap/opu/odata/WMD/ XF_GW_INBOX_SRV/getData? mode='IB'&dest='RFCDEST'&noits='X'& $format=json **Note**: RFCDEST must be replaced by the name of the RFC connection.
		Refresh Interval in Seconds	0
		Use semantic object navigation	Selected
		Semantic Object	xsfinbox
		Action	start
		Parameters	
SI Overview (xSuite Overviews App)	App Launcher – Static	Title	SI Overview
		Icon	sap-icon://Fiori2/F0260
		Use semantic object navigation	Selected
		Semantic Object	xsfoverviews
		Action	start
		Parameters	type=SI

Content	Template	Field	Value
Invoice Monitor (xSuite Invoice Monitor App)	App Launcher – Static	**Title**	Invoice Monitor
		Icon	sap-icon://Fiori2/F0392
		Use semantic object navigation	Selected
			xffinvm
		Action	start
		Parameters	
User administration (xSuite User Administration App)	App Launcher – Static	**Title**	User administration
		Icon	sap-icon://Fiori2/F0004
		Use semantic object navigation	Selected
		Semantic Object	xsfusradmin
		Action	start
		Parameters	
Sales Document Monitor (xSuite Sales Document Monitor App)	App Launcher – Static	**Title**	Sales Document Monitor
		Icon	sap-icon://Fiori2/F0392
		Use semantic object navigation	Selected
		Semantic Object	xsfsdm
		Action	start
		Parameters	
Cockpit (xSuite Cockpit App)	App Launcher – Static	**Title**	Cockpit
		Icon	sap-icon://heatmap-chart
		Use semantic object navigation	Selected
		Semantic Object	xsfbcadmin
		Action	start
		Parameters	
Process Analyzer (xSuite Process Analyzer (Online) App)	App Launcher – Static	**Title**	Process Analyzer
		Icon	sap-icon://Fiori4/F0634
		Use semantic object navigation	Selected
		Semantic Object	xsfpaonl
		Action	start
		Parameters	
Agent table (xSuite Agent Table Maintenance App)	App Launcher – Static	**Title**	Agent table
		Icon	sap-icon://Fiori2/F0396
		Use semantic object navigation	Selected
		Semantic Object	xsfagdet
		Action	start
		Parameters	
Agent maintenance (xSuite Substitute Maintenance App)	App Launcher – Static	**Title**	Agent maintenance
		Icon	sap-icon://group
		Use semantic object navigation	Selected

Content	Template	Field	Value
		Semantic Object	xsfusrsub
		Action	start
		Parameters	
Workflow Builder (xSuite Workflow Builder App)	App Launcher – Static	**Title**	Workflow Builder
		Icon	sap-icon://SAP-icons-TNT/workflow-editor
		Use semantic object navigation	Selected
		Semantic Object	xsfbuilder
		Action	start
		Parameters	
Order Confirmation Monitor (xSuite Order Confirmation Monitor App)	App Launcher – Static	**Title**	OC monitor
		Icon	sap-icon://Fiori2/F0392
		Use semantic object navigation	Selected
		Semantic Object	xsfocm
		Action	start
		Parameters	

D. xSuite roles

Name	Description	TS number	WS number	Multi-level	Web-ena-bled	Fiori-ena-bled
AAC0	AP select approver	TS00288910	WS00288905		X	X
AAC1	AP complete document	TS00288913	WS00288907		X	X
AAC2	AP complete rejected document	TS00288934	WS00288911		X	X
AAC3	AP manual posting	TS00288928	WS00288909		X	X
AAC4	AP select line approver	TS00288937	WS00288917			
AACC	AP edit document	TS00288916	WS00288906		X	X
AACO	AP controller	TS00288924	WS00288913	X	X	X
AALL	AP general role	--	--			
ACAG	AP release for payment	TS00288921	WS00288914	X	X	X
ALAL	General role ArchiveLink	--	--			
ALER	AL edit rejected document	TS00297501	WS00297439			
ALET	AL edit document	TS00297497	WS00297436			
ALPO	AL post doument	TS00297504	WS00297440			
ALRE	AL release document	TS00297510	WS00297443		X	X
ALVA	AP release document	TS00297492	WS00297434		X	X
ARD0	AP create recurring document	TS00297410	WS00297403			
ARD1	AP approve recurring document	TS00297413	WS00297404			
ARD2	AP edit recurring document	TS00297416	WS00297405			
AREL	AP release	TS00288918	WS00288910	X	X	X
AREV	AP document reversal	TS00288940	WS00288915		X	X
AVAG	AP approval	TS00288903	WS00288903	X	X	X
AVAL	AP line item approval	TS00288931	WS00288916	X	X	X
CDAG	PS-CD approval	TS00297424		X	X	X
CDC0	PS-CD select approver	TS00297427			X	X
CDC1	PS-CD complete document	TS00297433			X	X
CDC2	PS-CD complete rejected document	TS00297439			X	X
CDC3	PS-CD manual posting	TS00297445			X	X
CDCC	PS-CD edit document	TS00297436			X	X
CDLL	PS-CD general role	--	--			
CREL	PS-CD release	TS00297430		X	X	X
FMAG	PS-M approval	TS00297451		X	X	X
FMC0	PS-M select approver	TS00297454			X	X
FMC1	PS-M complete document	TS00297460			X	X
FMC2	PS-M complete rejected document	TS00297466			X	X
FMC3	PS-M manual posting	TS00297472			X	X
FMCC	PS-M edit document	TS00297463			X	X
FMLL	PS-M general role	--	--			
FREL	PS-M release	TS00297457		X	X	X
LAC0	LO select approver	TS00288950	WS00288923		X	X
LAC1	LO complete document	TS00288953	WS00288927		X	X

Name	Description	TS number	WS number	Multi-level	Web-ena-bled	Fiori-ena-bled
LAC2	LO complete rejected document	TS00288974	WS00288931		X	X
LAC3	LO manual posting	TS00288968	WS00288929		X	X
LAC4	LO select line approver	TS00288977	WS00288937			
LACC	LO edit document	TS00288956	WS00288925		X	X
LACO	LO controller	TS00288964	WS00288933	X	X	X
LALL	LO general role	--	--			
LCAG	LO release for payment	TS00288961	WS00288934	X	X	X
LGPO	LO post goods receipt / change PO	TS00288984	WS00288939	X	X	X
LREL	LO release	TS00288958	WS00288930	X	X	X
LREV	LO document reversal	TS00288980	WS00288935		X	X
LVAG	LO approval	TS00288947	WS00288926	X	X	X
LVAL	LO line item approval	TS00288971	WS00288936	X	X	X
MAIL	Mail	--	--			
OALL	OR general role SD order	--	--			
OCAL	General role order confirmation	--	--			
OCER	OC edit rejected order confirmation	TS00297484	WS00297432			
OCET	OC edit order confirmation	TS00297480	WS00297429			
OCPO	OC post order confirmation	TS00297487	WS00297433			
OCRE	OC release order confirmation	TS00297507	WS00297442		X	X
OCVA	OC approve order confirmation	TS00297473	WS00297427		X	X
ORET	OR edit SD order	TS00289085	WS00288976		X	X
ORPO	OR post SD order	TS00289091	WS00288978			
ORRE	OR release SD order	TS00289088	WS00288977	X	X	X
ORSV	OR select approver SD order	TS00289084	WS00288979		X	X
ORVA	OR approve SD order	TS00289082	WS00288975	X	X	X
PALL	PU general role	--	--			
PFCC	PF change preliminary feeder	TS00289074	WS00288972		X	X
PFCR	PF create purchase requisition	--	WS00288968			
PFER	PF edit rejected feeder	TS00289098	WS00297400		X	X
PFET	PF edit feeder	TS00289052	WS00288965		X	X
PFRE	PF release feeder	TS00289043	WS00288964	X	X	X
PFSV	PF select approver	TS00289034	WS00288963		X	X
PFVA	PF approve feeder	TS00289025	WS00288962	X	X	X
POER	PO edit rejected purchase order	TS00297404	WS00297402			
POET	PO edit purchase order	TS00289046	WS00288957		X	X
POMS	PU Mail	--	--			
PORE	PO release purchase order	TS00289037	WS00288956	X	X	X
POSV	PO select approve	TS00289028	WS00288955		X	X
POVA	PO approve purchase order	TS00289019	WS00288954	X	X	X
PRCR	PR create purchase order	--	WS00288969			
PRER	PR edit rejected purchase requisition	TS00297401	WS00297401			
PRET	PR edit purchase requisition	TS00289049	WS00288961		X	X
PRRE	PR release purchase requisition	TS00289040	WS00288960	X	X	X

Name	Description	TS number	WS number	Multi-level	Web-ena-bled	Fiori-ena-bled
PRSV	PR select approver	TS00289031	WS00288959		X	X
PRVA	PR approve purchase requisition	TS00289022	WS00288958	X	X	X
SIAL	SI general role	--	--			
SIER	SI edit rejected document	TS00297524	WS00297449			
SIET	SI edit document	TS00297520	WS00297446			
SIPO	SI post document	TS00297527	WS00297450			
SIRE	SI release document	TS00297530	WS00297451		X	X
SIVA	SI approve document	TS00297515	WS00297444		X	X
XALL	xSuite general role	--	--			
XIAL	Xi general role	--	--			
XIER	XI edit rejected document	TS00289010	WS00288950			X
XIES	XI entry sheet	TS00289001	WS00288947			
XIET	XI edit document	TS00288985	WS00288942			X
XIGR	XI goods receipt	TS00288998	WS00288946	X	X	X
XIPO	XI purchase order	TS00289004	WS00288948	X		X
XIPR	XI post document	TS00289013	WS00288951			X
XIRE	XI release document	TS00288991	WS00288943	X	X	X
XIVA	XI approval	TS00288994	WS00288944	X	X	X
XIVE	XI vendor	TS00289007	WS00288949			

E. Bug fixes

Component	Topic	Bug	Bug fix
Fiori App/iPhone/iPad	External attachment	An attachment opened externally does not have the **Finished** button in the toolbar, nor does it have a file name.	Update the Fiori app to the current version (Version 1.9.4 and up).
Safari browser	File name with umlauts	A file name containing umlauts is coded incorrectly in the file-name field of the upload form.	Update Safari to the current version (Version 10.3.3 and up).
OCI catalog	"" (blank page)	The OCI catalog is not loaded. Instead, a blank page (iFrame) appears. In the browser console, a "mixed content" warning is output.	If FIORI runs via HTTPS, call the OCI catalogs via HTTPS.
	Cancelling not possible	The OCI catalog is not opened in iFrame but rather in the "Top" window. Though it is possible to place an order, the user cannot exit the OCI catalog without placing an order because the **Cancel** button is missing. Reason: In the OCI catalog, either a frame-breaker is used or the internal links have a target such as "_top."	This error can only be resolved by the operator of the OCI catalog.
Web browser	Console (F12)	Error message: "Uncaught TypeError: Cannot read property 'getElementsByClassName' of null at f.sap.suite.ui.commons.Timeline._startItemNavigation ..."	Update/Patch SAPUI5 See also SAP Knowledge Base Article 2509803: Console Uncaught TypeError with control sap.suite.ui.commons.Timeline.
		Error messages: "GET https://<domain>/<path>/wmdgw/fiori/Component-preload.js 404 (Business Server Page (BSP) Error)" "YYYY-MM-DD HH:II:SS failed to load Javascript resource: wmdxflowfiori/Component-preload.js"	As the file `Component-preload.js` is not absolutely required, this error can be ignored. See also SAP Knowledge Base Article 2407556: Failed to load Javascript resource: Component-preload.js.
		Error message: "GET https://<domain>/<path>/fiori/wmd/i18n/i18n_xx.properties 404 (Business Server Page (BSP) Error)" or "GET https://<domain>/<path>/fiori/wmd/userexits/i18n/i18n_xx.properties 404 (Business Server Page (BSP) Error)" **Note**: "xx" stands for an abbreviation such as "en" oder "it."	When "xx" is equal to "en" : As the default language tile is English, an error message indicating a missing English language file can be ignored. When "xx" is not equal to "en": In the xSuite App, a language is being used for which there is no language file. Set up the missing language file. For more information, see the publication *xSuite Apps for SAP Fiori Development Guide*.

Component	Topic	Bug	Bug fix
		Error message: "GET https://<domain>/<path>/fiori/wmd/i18n/i18n_xx_YY.properties 404 (Business Server Page (BSP) Error)" or "GET https://<domain>/<path>/fiori/wmd/userexits/i18n/i18n_xx_YY.properties 404 (Business Server Page (BSP) Error)" **Note**: "xx" stands for an abbreviation and "YY" for a locality. Examples: "en_EN" (British English), "en_US" (American Englisch), "de_DE" (German), or "de_CH" (Swiss German).	If differing texts are not required—as may be the case for British and American English, for instance—you can ignore the error message. Otherwise, the missing language files must be created. For more information, see the publication *xSuite Apps for SAP Fiori Development Guide*. Note that the locality is not supported by every web browser.
		Error message: Assertion failed: could not find any translatable text for key Xyz in bundle './app/i18n/i18n.properties' **Note**: "Xyz" stands for any i18n text key.	Some i18n text modules are not loaded until app initialization. This can lead to this error message at the beginning of app initialization. However, since the texts are output in the GUI as soon as they are available, this error message can usually be ignored. Only if the texts are not displayed in the GUI at the corresponding position, you should check whether these texts are actually missing in the i18n text model.
		Error message: The target you tried to get Xyz does not exist! - EventProvider sap.m.routing.Targets **Note**: "Xyz" stands for any routing target.	This error message may occur during app initialization, depending on the SAP UI5 version used. This error message can be ignored.