Configuration Guide - Getting started with implementing the SAP Screen Personas Rapid-Deployment Solution V2.30
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Icons

<table>
<thead>
<tr>
<th>Icon</th>
<th>Meaning</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image1.png" alt="Caution" /></td>
<td>Caution</td>
</tr>
<tr>
<td><img src="image2.png" alt="Example" /></td>
<td>Example</td>
</tr>
<tr>
<td><img src="image3.png" alt="Note" /></td>
<td>Note</td>
</tr>
<tr>
<td><img src="image4.png" alt="Recommendation" /></td>
<td>Recommendation</td>
</tr>
<tr>
<td><img src="image5.png" alt="Syntax" /></td>
<td>Syntax</td>
</tr>
</tbody>
</table>

Typographic Conventions

<table>
<thead>
<tr>
<th>Type Style</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><em>Example text</em></td>
<td>Words or characters that appear on the screen. These include field names, screen titles, pushbuttons as well as menu names, paths and options. Cross-references to other documentation.</td>
</tr>
<tr>
<td><strong>Example text</strong></td>
<td>Emphasized words or phrases in body text, titles of graphics and tables.</td>
</tr>
<tr>
<td><strong>EXAMPLE TEXT</strong></td>
<td>Names of elements in the system. These include report names, program names, transaction codes, table names, and individual key words of a programming language, when surrounded by body text, for example, SELECT and INCLUDE.</td>
</tr>
<tr>
<td><em>Example text</em></td>
<td>Screen output. This includes file and directory names and their paths, messages, source code, names of variables and parameters as well as names of installation, upgrade and database tools.</td>
</tr>
<tr>
<td><strong>EXAMPLE TEXT</strong></td>
<td>Keys on the keyboard, for example, function keys (such as F2) or the ENTER key.</td>
</tr>
<tr>
<td><em>Example text</em></td>
<td>Exact user entry. These are words or characters that you enter in the system exactly as they appear in the documentation.</td>
</tr>
<tr>
<td><code>&lt;Example text&gt;</code></td>
<td>Variable user entry. Pointed brackets indicate that you replace these words and characters with appropriate entries.</td>
</tr>
</tbody>
</table>
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Configuration Guide for Implementing the SAP Screen Personas rapid-deployment solution V2.30

Purpose
This configuration guide provides information about all activities you need to carry out before you implement the solution package from the system and tool setup, to activation of business content and validation.

It refers to the Software and Delivery Requirements document for details that are addressed in these activities.

Further Information
This document does not provide a general overview and explanation of SAP Best Practices. For more information about the Best Practices concepts, see the related documentation on http://service.sap.com/solutionpackages and follow the links to the Learning Maps.

This document is intended for the following project roles, which already have a sound knowledge of SAP Best Practices, including tools and documentation.

- System administrators and basis consultants: System setup and preparation including troubleshooting
- Activation/implementation consultants (basis or application consultants): Activation/implementation of business content and processes
- Business consultants: Evaluate business content/processes including troubleshooting, FAQ, and further information for extended usage of the package

If you are not familiar with the SAP Best Practices tools, first refer to the document SAP Best Practices Tools that can be found in SAP Help Portal http://help.sap.com under SAP Best Practices — Tools and Concepts.
1 Solution Overview

SAP Screen Personas rapid-deployment solution V2.30 has the following features:

- It is based on SAP NetWeaver 7.40.
- It provides guidance on implementing and using SAP Screen Personas V3.0.
- It provides an accelerated deployment of the required configuration settings.
- It provides documentation on how to configure SAP GUI interfaces using SAP Screen Personas to tailor transactions to your organization’s requirements.
- It provides best practices on user experience (UX) design with SAP Screen Personas.
- It provides guidance on achieving an SAP Screen Persona flavor with SAP Fiori elements.

1.1 Basic Concept of SAP Screen Personas

You can use SAP Screen Personas to simplify existing SAP GUI applications and configure them to your needs. Flavors can be created for any SAP GUI transaction and assigned to individual users or groups of users. This means that you can remove fields and elements of the SAP GUI that you do not need, and rearrange fields and elements in a manner to support your business requirements and processes.

With these personalized flavors of SAP Screen Personas, you have the following advantages:

- Improve business user productivity by providing only the essential screen elements and data to complete business transactions faster and more accurately through fewer data entry fields;
- Increase user satisfaction by automating repetitive tasks and simplifying complex screens through pre-filled fields and pull-down menus;
- Reduce the cost of personalization by eliminating the need for ABAP programmers or scripting experts;
- Decrease training time for SAP users.

1.2 Further Information on SAP Screen Personas

The SAP Screen Personas 3.0 Master Guide provides a technical overview of SAP Screen Personas. This will help you to set up your system landscape and provides reference to the required detailed document for further technical topics.

The Master Guide is available in the link provided in the Installation and Upgrade section for SAP Screen Personas 3.0 in the SAP Help Portal.
2 System Setup and Preparation

Prior to installing and activating an SAP Best Practices package (SAP BP package), the target SAP Application Server (AS) must be installed along with the Support Package Stack (SPS) specified in the Package Requirements Sheet. This covers the required
- Software product versions
- SAP Frontend components
- Business functions
- SAP notes
- Connectivity (for example, RFC connections)

2.1 Receiving the Software at the Correct SP Level

For delivery of the software, an installation number and a corresponding license agreement are required. An S-USER is required to order software in the Software Catalog or to download it from the SAP Software Download Center (SWDC) on SAP Service Marketplace (SMP). You can only order unrestricted SAP software. Contact the SAP contract department to ask for a physical shipment or create a customer message on component XX-SER-GEN-CONTR.

For downloading SPSs, use the Maintenance Optimizer in your SAP Solution Manager system. You can also select relevant SPSs manually one-by-one via the SWDC on SAP Service Marketplace:


⚠️ Only the current Service Release (SR) is delivered to SAP customers/partners via the SWDC on SMP and standard delivery (for example, the Software Catalog). If you encounter the situation that the required SPS for correct SAP BP packages activation is based on a SPS level LOWER than the current Service Release, the request for the necessary SPS is handled by a customer message. For details, see SAP Note 925690 Standard Ordering Procedures for SAP Software.

Usually, required software components and SPS levels are downloaded using the Maintenance Optimizer in SAP Solution Manager. Alternatively, you can download the software manually from the SAP Software Download Center (SWDC) on SAP Service Marketplace:

- For installing software, go to https://support.sap.com/swdc → Installations and Upgrades → Browse our download catalog
- For support packages, go to https://support.sap.com/swdc → Support Packages and Patches → Browse download catalog

2.2 Release and Support Package Level

The deliverables of SAP Best Practices packages are developed and tested in a system landscape with specific release and support package stack (SPS) level. If the SPS level in your system is lower than this, there may be errors during the activation. You may still be able to perform the activation activities manually using the configuration guides, but errors may still occur.

If you need a higher SPS level in your system, for example, because of additional functionality, ideally first import and activate the SAP Best Practices package on the mentioned SPS level, then update your system to the target SPS level. If SAP Best Practices content is activated directly on a higher SPS level (e.g. SPS is not available any more), some automated activation steps might fail, however they can be processed manually following the related configuration guide. Also note that some of the SAP notes, which are considered relevant for the scope of the solution package, might be obsolete due to a higher SPS level, and additional SAP notes could exist.
If you need a higher SPS level in your system, for example, because of additional functionality, first import and activate the SAP Best Practices package on the SPS levels as mentioned below, then update your system to the target SPS level.

The support package levels relevant for the solution package are listed together with the required components in the Required Product Versions and Software Components section.

2.3 Tools: SAP Solution Manager and SAP Solution Manager Content Add-on

For the implementation of the solution package, an SAP Solution Manager system is recommended. SAP Solution Manager in general is needed for installation and managing of maintenance certificates, enhancement packages, and upgrades. In the context of SAP Rapid-Deployment solutions, implementation content is delivered via SAP Solution Manager templates.

It is assumed that a productive SAP Solution Manager system is available in the customer’s system landscape; if the customer is already using other SAP products (for example, SAP ERP) SAP Solution Manager should already be present in the system landscape.

Import the Add-on containing the content relevant for this package in correspondence to the SAP Solution Manager product version in place (see Package Requirement Sheet). The latest version has to be downloaded from the SAP Software Download Center on SAP Service Marketplace

https://support.sap.com/swdc → Installation and Upgrades → Browse our Download Catalog → SAP Rapid Deployment solutions → SAP SOLUTION MANAGER IMPLEMENTATION CONTENT

For more information about SAP Solution Manager (including system administration and implementation aspects described in chapters below), see the SAP Library documentation for SAP Solution Manager at http://help.sap.com → Application Lifecycle Management → SAP Solution Manager, or at https://support.sap.com/solutionmanager.

2.4 Apply SAP Notes and Messages

If issues become apparent after shipment of this SAP Best Practices package (and hence of this document), an SAP Note exists to document how to solve the issues.

Before you start the activation of the related SAP Best Practices scope, check the latest version of the SAP Note for the solution package to obtain updates and corrections for problems that have not become apparent until after shipment as listed in the Package Requirement Sheet.
3 Preparatory Steps
The SAP Screen Personas 3.0 Configuration Guide provides detailed information on all configuration activities for SAP Screen Personas 3.0.

The Configuration Guide is available in the link provided in the Installation and Upgrade section for SAP Screen Personas 3.0 in the SAP Help Portal.

3.1 Configure System Parameters and Services for SAP Screen Personas 3.0
For further information on these activities, refer to section Configuring SAP Screen Personas 3.0 in the Configuration Guide for SAP Screen Personas 3.0.

3.1.1 Check Profile Parameters
Use
In order to run SAP Screen Personas 3.0, you need to ensure that the following parameters have the correct values:

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Parameter Description</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>ztta/diag_area</td>
<td>max size for sapgui description</td>
<td>20,000,000 (or higher)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>At least 2 MB. For further information, refer to SAP note 204502.</td>
</tr>
<tr>
<td>em/global_area_MB</td>
<td>Size of the extended global memory area (EG) in MB</td>
<td>1024 (or higher)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>At least 1 GB. For further information, refer to SAP note 1888428.</td>
</tr>
</tbody>
</table>

Procedure
1. Open an SAP Logon session and connect to the SAP Screen Personas system.
2. Choose the following navigation option:

   | Transaction Code | RZ11 |

3. In the screen Maintain Profile Parameters, enter <Parameter Name> in the field Parametername.
4. Choose Display.
5. Check the value in the field Current Value.
6. If the value for the parameter ztta/diag_area is insufficient, carry out steps 6 to 8.
7. Choose Change Value.
You require system administration authorization to change these parameters. If you do not have the correct authorizations, inform your system administrator.

7. In the dialog box Change Parameter Value, enter the correct value in field New Value.
8. Choose Save.

Result
You have checked the values for parameters that are required for SAP Screen Personas, and if necessary you have changed the value of the parameters.

3.1.2 Check Service Configuration

Use
In order to run SAP Screen Personas 3.0, you need to ensure that the following services are active.

<table>
<thead>
<tr>
<th>Service Path and Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>/default_host/sap/bc/personas</td>
<td>SAP Screen Personas 3.0</td>
</tr>
<tr>
<td>/default_host/sap/bc/personas3</td>
<td>/PERSONAS/CL_MIME_ZIP_HANDLER</td>
</tr>
<tr>
<td>/default_host/sap/bc/gui/sap/its/webgui</td>
<td>SAP GUI for HTML</td>
</tr>
</tbody>
</table>

Procedure
1. Open an SAP Logon session and connect to the SAP Screen Personas system.
2. Choose the following navigation option:

<table>
<thead>
<tr>
<th>Transaction Code</th>
<th>SICF</th>
</tr>
</thead>
<tbody>
<tr>
<td>SAP Reference IMG Menu</td>
<td>Tools → Administration → Administration → Network → HTTP Service Hierarchy Maintenance</td>
</tr>
</tbody>
</table>

3. Choose Execute.
4. In the Virtual Hosts / Services hierarchy, choose default_host.
5. Choose the correct path for the service.
6. Check that the service is active.

A service is active if it is displayed in black. Alternatively, if you double-click on the service, the text Service (Active) is displayed in the second header line after Service Name. A service is inactive if it is displayed in gray. Alternatively, if you double-click on the service, the text Service (Inactive) is displayed in the second header line after Service Name.

7. If the service is inactive, carry out steps 8 to 10.
8. Right-click on service.
9. From the context menu, choose Activate Service.
10. In the Activation of ICF Services dialog box, choose Yes (second button from the left, with hierarchy icon) to activate the service and all sub-paths.

In order to activate the service and all sub-paths of the service, choose the Yes button, which is second from the left with the hierarchy icon. If you choose the Yes button to the
left (without the icon), this will only activate the selected main service; this will not activate any services in sub-paths of the main service.

11. Repeat steps 5 to 10 for all relevant services.

Result
You have checked that the service that are required for SAP Screen Personas are active, and if necessary you have activated the services.

3.1.3 Test Service Configuration for Front-End Browser

Use
You can test the service /default_host/sap/bc/personas in order to verify that you can run SAP Screen Personas in a front-end browser.

Procedure
1. Open an SAP Logon session and connect to the SAP Screen Personas system.
2. Choose the following navigation option:

<table>
<thead>
<tr>
<th>Transaction Code</th>
<th>SICF</th>
</tr>
</thead>
<tbody>
<tr>
<td>SAP Reference IMG Menu</td>
<td><strong>Tools → Administration → Administration → Network → HTTP Service Hierarchy Maintenance</strong></td>
</tr>
</tbody>
</table>

4. Choose Execute.
5. In the Virtual Hosts / Services hierarchy, choose default_host.
6. Choose the path for the /default_host/sap/bc/personas service.
7. Right-click on service.
8. From the context menu, choose Test Service.
10. In the web browser, enter your credentials to logon to the system.

Result
You have tested the service for SAP Screen Personas. If you are authorized to use SAP Screen Personas, the SAP Screen Personas button is visible in the center at the top of the browser window. It is displayed as an icon with the SAP Screen Personas logo:

You will need to notify all users who are developing and/or using SAP Screen Personas flavors of the correct URL address for logging onto the system using SAP Screen Personas.

The URL address is:

3.2 Files for Example Business Processes
The solution provides several example files for download. The files contain the definitions of
- Example flavors for selected business processes
• Example images for using as screen elements in the example flavors

You will require these files in order to implement the example flavors that are included in the scope items:

• Sales Order Processing with SAP Screen Personas (scope item UP1)
• Quotation for Procurement with SAP Screen Personas (scope item UP2)
• Credit Management with SAP Screen Personas (scope item UP3)

You do not need to import these files if you choose to use this solution to understand the design and development process for SAP Screen Personas 3.0 and build your own flavors without any references to the examples provided. However, SAP recommends importing at least one of these example flavors to provide insights for best practices on design and development of flavors that you can then transfer to the processes that are most important for you.

### 3.2.1 Download Example Files for Flavors and Screen Elements

**Use**

The purpose of this activity is to download the example files for the solution. The files are available for download in the SAP Download Center.

**Procedure**

To download the example files, go to the SAP Software Download Center (SWDC) on SAP Support Portal (login required):

http://support.sap.com then choose Download Software → Installations and Upgrades → Browse our Download Catalog → SAP Rapid Deployment solutions → SAP Screen Personas rapid-deployment solution → RDS_PERSO_CONTENT 1.0 → # OS independent.

Add the download object to your download basket.

Download the most recent patch level for the download object, for example, SP00 Patch1 for RDS_PERSO_CONTENT 1.0.

Once you have downloaded the objects, you will need to extract the files to a destination folder.

**Result**

You have downloaded all files for example SAP Screen Personas flavors and images that have been delivered for the solution.

### 3.2.2 Identify Files for Import

**Use**

Depending on which flavors you choose to implement you can identify which files are relevant for you and that you need to import into your system.

The solution provides a choice of three example business processes, each in an individual scope item:

• Sales Order Processing Configuration for SAP Screen Personas (scope item UP1)
• Quotation for Procurement Configuration for SAP Screen Personas (scope item UP2)
• Credit Management Configuration for SAP Screen Personas (scope item UP3)

For each scope item a corresponding
Each of these business processes is delivered with example flavors in two versions:

- A Fiori flavor;
- A generic example flavor.

The generic example flavors are designed according to flat design principles. This is based on general design best practices and does not provide any new SAP standard for UX beyond Fiori.

Depending on which example(s) you are interested in, you can choose to import one, two or all three business processes either as Fiori flavor and/or as generic example flavor. This means that you can choose to implement anything between one to six example business processes.

Each business process contains several transactions. An SAP Screen Personas flavor is provided for each of these transactions. The download files are provided in .zip data format and contain all the relevant flavors for the particular business process. Further information on the individual flavors is provided in the respective configuration guide. Each of these configuration guides provides information on both Fiori flavors and generic example flavors.

In addition to the files for the individual business processes, one further file is provided that contains an example entry page flavor. This entry page is an optional means to facilitate entry to each of the three processes from a single point for the generic example flavors.

In addition to the flavors themselves, you need to import the images that are used in the flavors. You need to handle these images differently depending on whether they are being used as simple images, for example for pictures and logos, or as icons that are used for triggering an action to user input.

As many images are shared between the flavors for all three business processes for either Fiori or generic example flavors, these are not delivered specifically for an individual business process.

### 3.2.2.1 Files for Example Flavors

SAP Screen Personas has updated the Screen Personas Editor (Version 3.0.1), see notes #2174760, 2174781, and 2171623. There are 2 sets of Flavors available now for downloading:

- Set 1: for the old Editor: Editor_3.0.0
- Set 2: for the new Editor: Editor_3.0.1

If you are running the latest version of SAP Screen Personas and implemented at least note #2174760, please use the Flavors of Set 2.

#### 3.2.2.1.1 Files for Example Fiori Flavors

<table>
<thead>
<tr>
<th>File Name</th>
<th>Description</th>
<th>Used in building block</th>
</tr>
</thead>
<tbody>
<tr>
<td>BP_PERS_FLAVOR_FIORI_SALES_ORD.zip</td>
<td>Example Personas Fiori Flavor for Sales Order Processing</td>
<td>Sales Order Processing Configuration for SAP Screen Personas (UPB)</td>
</tr>
<tr>
<td>BP_PERS_FLAVOR_FIORI_QUOT_PROCMT.zip</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
### 3.2.2.1.2 Files for Generic Example Flavors

<table>
<thead>
<tr>
<th>File Name</th>
<th>Description</th>
<th>Used in building block</th>
</tr>
</thead>
<tbody>
<tr>
<td>BP_PERS_FLAVOR_GEN_SALES_ORD.zip</td>
<td>Generic Example Personas Flavor for Sales Order Processing</td>
<td>Sales Order Processing Configuration for SAP Screen Personas (UPB)</td>
</tr>
<tr>
<td>BP_PERS_FLAVOR_GEN_QUOT_PROCMT.zip</td>
<td>Generic Example Personas Flavor for Quotation for Procurement</td>
<td>Quotation for Procurement Configuration for SAP Screen Personas (UPC)</td>
</tr>
<tr>
<td>BP_PERS_FLAVOR_GEN_CREDIT_MNGMT.zip</td>
<td>Generic Example Personas Flavor for Credit Management</td>
<td>Credit Management Configuration for SAP Screen Personas (UPD)</td>
</tr>
<tr>
<td>BP_PERS_FLAVOR_GEN_ENTRY_PAGE.zip</td>
<td>Generic Example Flavor for Entry Page</td>
<td>General Configuration for SAP Screen Personas Development (UPA)</td>
</tr>
</tbody>
</table>

### 3.2.2.2 Files for Example Images

#### Use

The example images that are delivered are the images that are used in the example flavors. These images include:

- Pictures;
- Screen elements, for example header bars, screen backgrounds;
- Icons.

In order to display the example flavors correctly, you must upload the images into the SAP Personas resources library and also upload the icons as icons.
If you choose to implement the example Fiori flavor for sales order processing you will need to import the files for the images for Fiori flavoring and icons for Fiori flavoring.

You can also use these images in your own flavors, or use them for guidance for creating your own images.

### 3.2.2.2.1 Files for Example Fiori Images

<table>
<thead>
<tr>
<th>File Name</th>
<th>BP_PERS.Images_FIORI.zip</th>
</tr>
</thead>
<tbody>
<tr>
<td>Description</td>
<td>Images for Fiori Flavoring</td>
</tr>
</tbody>
</table>
| Used in building blocks | Sales Order Processing Configuration for SAP Screen Personas (UPB)  
                          | Quotation for Procurement Configuration for SAP Screen Personas (UPC)  
                          | Credit Management Configuration for SAP Screen Personas (UPD)  |

<table>
<thead>
<tr>
<th>File Name</th>
<th>BP_PERS.ICONS.FIORI.zip</th>
</tr>
</thead>
<tbody>
<tr>
<td>Description</td>
<td>Icons for Fiori Flavoring</td>
</tr>
</tbody>
</table>
| Used in building block  | Sales Order Processing Configuration for SAP Screen Personas (UPB)  
                          | Quotation for Procurement Configuration for SAP Screen Personas (UPC)  
                          | Credit Management Configuration for SAP Screen Personas (UPD)  |

### 3.2.2.2 Files for Generic Example Images

<table>
<thead>
<tr>
<th>File Name</th>
<th>BP_PERS.Images_GEN.zip</th>
</tr>
</thead>
<tbody>
<tr>
<td>Description</td>
<td>Images for Generic Example Flavoring</td>
</tr>
</tbody>
</table>
| Used in building blocks | Sales Order Processing Configuration for SAP Screen Personas (UPB)  
                          | Quotation for Procurement Configuration for SAP Screen Personas (UPC)  
                          | Credit Management Configuration for SAP Screen Personas (UPD)  |

<table>
<thead>
<tr>
<th>File Name</th>
<th>BP_PERS.ICONS_GEN.zip</th>
</tr>
</thead>
<tbody>
<tr>
<td>Description</td>
<td>Icons for Generic Example Flavoring</td>
</tr>
</tbody>
</table>
| Used in building block  | Sales Order Processing Configuration for SAP Screen Personas (UPB)  
                          | Quotation for Procurement Configuration for SAP Screen Personas (UPC)  
                          | Credit Management Configuration for SAP Screen Personas (UPD)  |
3.2.3 Import Example Files for Flavors

Use

The purpose of this activity is to import the example files that contain the flavors for selected business processes.

Pre-requisites

You have downloaded the example files for SAP Screen Personas flavors as outlined in section Download Example Files for SAP Screen Personas Flavors.

Procedure

1. Open an SAP Logon session and connect to the SAP Screen Personas system.
2. Choose the following navigation option:

   | Transaction Code | /PERSONAS/FLAVORS |

3. On the SAP Screen Personas Flavor Maintenance screen, choose Import.
4. In the Open dialog box, select the file that you wish to import.
5. Choose Open.
6. If the SAP GUI Security dialog box is displayed, choose Allow.
7. In the Flavors/Resources/Themes Import dialog box, select Overwrite all existing GUID records.
8. Choose Continue.
9. In the Error Messages dialog box, choose Continue.

All activities that are displayed with a green LED; go; okay status, have been executed successfully.

10. Repeat steps 3 to 9 for any further flavors that you wish to import.

Result

You have imported the example files for the flavors for the selected business processes.

3.2.4 Import Example Images

To create an attractive user experience for SAP Screen Personas flavors, you can use pictures and logos. The solution provides example screen elements for creating both:

- Non-Fiori flavors
- Fiori flavors

These screen elements are used in the example flavors provided in the scope items:

- Sales Order Processing with SAP Screen Personas (UP1);
- Quotation for Procurement with SAP Screen Personas (UP2);
- Credit Management with SAP Screen Personas (UP3).

3.2.4.1 Import Example Screen Elements

Use

The purpose of this activity is to import the files that contain the images for example elements for use in example flavors.

Pre-requisites
You have downloaded the files for images for example flavors as outlined in section Download Example Files for Flavors and Screen Elements.

### Procedure

1. Open an SAP Logon session and connect to the SAP Screen Personas system.
2. Choose the following navigation option:
   
   | Transaction Code | /PERSONAS/RESOURCES |

4. In the Open dialog box, select the file that you wish to import.
5. Choose Open.
6. If the SAP GUI Security dialog box is displayed, choose Allow.
7. The details of the file are displayed in the screen SAP Screen Personas Resource Maintenance - Display “<Parameter Name>”.

   ![You can view the imported image by choosing Show.](image)

8. Choose Back.
9. Repeat steps 3 to 8 for any further images for screen elements that you wish to import.

### Result

You have imported the images for the screen example elements for using in generic example flavors.

### 3.2.4.2 Import Example Icons

#### Use

The purpose of this activity is to upload the files that contain the example icons for use in example flavors.

#### Pre-requisites

You have downloaded the files for icons for example flavors as outlined in section Download Example Files for Flavors and Screen Elements.

The flavor to which you want to add the icon has already been created.

The button to which you want to assign the icon is shown on the flavor.

#### Procedure

1. Logon to the development system using a web browser, for example Google Chrome.
2. Start the transaction for the flavor.
3. Choose SAP Screen Personas button to open the Flavor Manager.
4. Choose the flavor to which you want to add the icon.
5. Choose Edit Flavor to switch to edit mode.
6. Choose the button to which you want to assign the icon.
7. Choose Home.
9. In the dialog box Insert Icon from Gallery, choose the class and group to which you wish to add the icon.
You can insert the icon to Group Ungrouped in Class Company.

10. Choose Upload Icon from Image.
11. In the dialog box Upload Image from File, choose Choose Files.
12. In the Open dialog box, select the file that you wish to upload.
13. In the dialog box Upload Image from File, choose Upload Image.
14. In the dialog box Insert Icon from Gallery, choose Insert Icon.

**Result**

You have uploaded the file to the icon image library. You have assigned the icon to a specific button in a specific flavor. Once the icon is included in the icon library you can assign this icon to any button on any flavor in the system.
4 Manual Implementation

You cannot configure the example flavors manually by only following the configuration guides. To apply the example flavors to your environment, you must import the example files as provided by this solution. The configuration guides for the example flavors highlight certain aspects of the configuration for the respective flavors, in order to facilitate your understanding of SAP Screen Personas and the flavor development process.

The prerequisites matrix gives an overview of the configuration building blocks and related configuration guides, required for each scope item and the correct sequence for implementing the building blocks.

The dependencies of scope items and building blocks are given in the Prerequisites Matrix. All building block configuration guides can be found in the Content Library.

We recommend using SAP Solution Manager to document your implementation of the solution package.
5 Evaluate Business Content/Processes

The following sections describe the activities that have to be done by the business consultant who is taking care that the business processes work as desired.

- The section Review of Business Processes provides an overview where the business consultant can get information on the SAP Best Practices scenarios activated in the system.
- The section User Maintenance and Settings outlines the activities that the business consultant has to perform to enable system users to exploit the business process documentation. It describes the required user settings.

5.1 Review of Scope Items

On the Business Process Documentation page, you can access the individual business process descriptions containing the following links:

- The test script provides a detailed process description of the business scenario.
- The configuration guide describes crucial parts of the system configuration of the respective process. Together with the configuration guides of the underlying building blocks, you can track which system settings have been configured. Due to the technical concept, not all scenarios have configuration applied on a top level. For such scenarios, the necessary configuration is described in the configuration guides of the underlying building blocks. For more information on the building block concept, see the Building Block Concept available from the SAP Help Portal http://help.sap.com under SAP Best Practices – Tools and Concepts.

You can use the documents as described above to review the scope items you are interested in. Use the test script documentation (BPD) to evaluate the process in the system.

5.2 User Maintenance and Settings

There is no separate user management for SAP Screen Personas. To access SAP Screen Personas, users must have user access to the SAP system in which SAP Screen Personas is installed. SAP Screen Personas will be enabled for a user, only when the relevant authorizations are assigned to the user, using the Role Maintenance transaction (transaction PFCG).

For more details, see the section Configure Authorization and Roles in SAP Screen Personas 3.0 Master Guide.
6 Security Aspects
This section provides an overview of the security-relevant information that applies to the deliverables of this solution package.

6.1 General Security Guidelines
This section provides an overview of security considerations that are specific to the SAP Screen Personas 3.0 solution.
For more details, see section Security Considerations in SAP Screen Personas 3.0 Master Guide.

6.2 User Administration and Authentication
This section provides an overview of the users required for this solution package.

<table>
<thead>
<tr>
<th>Purpose</th>
<th>User ID</th>
<th>User Type</th>
<th>Building Block Config. Guide</th>
<th>Initial Password</th>
<th>Authorization Profile</th>
<th>Comment</th>
</tr>
</thead>
<tbody>
<tr>
<td>Administration User</td>
<td>User ID is defined by your system administrator</td>
<td>Dialog (Type A)</td>
<td>Creation described in Quick Guide</td>
<td>Password is defined by your system administrator</td>
<td>Authorization is defined by your system administrator</td>
<td></td>
</tr>
<tr>
<td>Design User</td>
<td>User ID is defined by your system administrator</td>
<td>Dialog (Type A)</td>
<td>Creation described in Quick Guide</td>
<td>Password is defined by your system administrator</td>
<td>Authorization is defined by your system administrator</td>
<td></td>
</tr>
<tr>
<td>Development User</td>
<td>User ID is defined by your system administrator</td>
<td>Dialog (Type A)</td>
<td>Creation described in Quick Guide</td>
<td>Password is defined by your system administrator</td>
<td>Authorization is defined by your system administrator</td>
<td></td>
</tr>
<tr>
<td>Business User</td>
<td>User ID is defined by your system administrator</td>
<td>Dialog (Type A)</td>
<td>Creation described in Quick Guide</td>
<td>Password is defined by your system administrator</td>
<td>Authorization is defined by your system administrator</td>
<td></td>
</tr>
</tbody>
</table>

💡 You can check the users in User Maintenance transaction (transaction SU01).

6.3 Roles Management
This section provides an overview of the template roles used for this package.

6.3.1 Roles Management for SAP Screen Personas
You will need to assign one of these roles to each user that works with flavors either as an administrator, developer, or end user

<table>
<thead>
<tr>
<th>Role</th>
<th>Description</th>
<th>Comment</th>
</tr>
</thead>
<tbody>
<tr>
<td>/PERSONAS/ADMIN_ROLE</td>
<td>SAP Screen Personas Administrator with full access to every available feature.</td>
<td>Full Personas rights for administration, editing, and reading flavors</td>
</tr>
</tbody>
</table>
### 6.3.2 Roles Management for SAP Best Practices Business Processes

You will need to assign one of these roles to provide the end user access to the transactions relevant for the respective business process.

These roles are taken from the underlying business process. These are required for access to the respective transactions according to Best Practices for user authorization. These are not specifically required for access to the transactions using SAP Screen Personas.

<table>
<thead>
<tr>
<th>Role</th>
<th>Description</th>
<th>Comment</th>
</tr>
</thead>
<tbody>
<tr>
<td>SAP_NBPR_EMPLOYEE_S</td>
<td>Employee (Professional User)</td>
<td>Assignment of this role is necessary for basic functionality.</td>
</tr>
<tr>
<td>SAP_NBPR_SALESPERSON_S</td>
<td>Sales Administrator</td>
<td>Scenario</td>
</tr>
<tr>
<td></td>
<td></td>
<td>- Sales Order Processing Transaction</td>
</tr>
<tr>
<td></td>
<td></td>
<td>- Sales Order Entry</td>
</tr>
<tr>
<td>SAP_NBPR_WAREHOUSECLERK_S</td>
<td>Warehouse Clerk</td>
<td>Scenario</td>
</tr>
<tr>
<td></td>
<td></td>
<td>- Sales Order Processing, Transactions</td>
</tr>
<tr>
<td></td>
<td></td>
<td>- Delivery Creation</td>
</tr>
<tr>
<td></td>
<td></td>
<td>- Assign Serial Numbers</td>
</tr>
<tr>
<td></td>
<td></td>
<td>- Post Goods Issue</td>
</tr>
<tr>
<td>SAP_NBPR_BILLING_S</td>
<td>Billing Administrator</td>
<td>Scenario</td>
</tr>
<tr>
<td></td>
<td></td>
<td>- Sales Order Processing, Transaction</td>
</tr>
<tr>
<td></td>
<td></td>
<td>- Billing</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Scenario</td>
</tr>
<tr>
<td></td>
<td></td>
<td>- Credit Management</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Transaction</td>
</tr>
<tr>
<td></td>
<td></td>
<td>- Review Blocked Sales Orders</td>
</tr>
<tr>
<td>Role</td>
<td>Description</td>
<td>Comment</td>
</tr>
<tr>
<td>-----------------------------</td>
<td>-------------------</td>
<td>----------------------------------------------</td>
</tr>
<tr>
<td>SAP_NBPR_PURCHASER_S</td>
<td>Purchaser</td>
<td>Scenario</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Quotation for Procurement</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Transaction</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Create Request for Quotation</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• List Quotations</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Maintain Quotations</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Price Comparison List</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Create Purchase Order</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Maintain Source List</td>
</tr>
<tr>
<td>SAP_AIO_PURCHASER_K</td>
<td>Purchaser</td>
<td>Scenario</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Quotation for Procurement</td>
</tr>
<tr>
<td>SAP_AIO_PURCHASER_S</td>
<td>Purchaser</td>
<td>Scenario</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Quotation for Procurement</td>
</tr>
<tr>
<td>SAP_NBPR_AR_CLERK_M</td>
<td>Accounts Receivable Manager</td>
<td>Scenario</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Credit Management</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Transaction</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Setting a Credit Limit</td>
</tr>
<tr>
<td>SAP_NBPR_SALESPERSON_M</td>
<td>Sales Manager</td>
<td>Scenario</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Credit Management</td>
</tr>
<tr>
<td>SAP_AIO_AR_CLERK_S</td>
<td>Account Receivable Assistant</td>
<td>Scenario</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Credit Management</td>
</tr>
</tbody>
</table>

You can check the roles in *Role Maintenance* transaction (transaction PFCG).