Installation Guide
Focused Insights for SAP Solution Manager
Document Version: 2.3 – 2020-04-23

Focused Insights for SAP Solution Manager 7.2
ST-OST 200 SP04
# Typographic Conventions

<table>
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<tr>
<th>Type Style</th>
<th>Description</th>
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<tr>
<td><strong>Example</strong></td>
<td>Words or characters quoted from the screen. These include field names, screen titles, pushbuttons labels, menu names, menu paths, and menu options. Textual cross-references to other documents.</td>
</tr>
<tr>
<td>Example</td>
<td>Emphasized words or expressions.</td>
</tr>
<tr>
<td><strong>EXAMPLE</strong></td>
<td>Technical names of system objects. These include report names, program names, transaction codes, table names, and key concepts of a programming language when they are surrounded by body text, for example, SELECT and INCLUDE.</td>
</tr>
<tr>
<td>Example</td>
<td>Output on the screen. This includes file and directory names and their paths, messages, names of variables and parameters, source text, and names of installation, upgrade and database tools.</td>
</tr>
<tr>
<td><strong>Example</strong></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&gt;</code></td>
<td>Variable user entry. Angle brackets indicate that you replace these words and characters with appropriate entries to make entries in the system.</td>
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## Document History

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<td>2.1</td>
<td>2019-03-04</td>
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<tr>
<td>2.3</td>
<td>2020-04-23</td>
<td>New chapter OData Services Activation and Services Aliases creation</td>
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1 Overview

The purpose of this document is to describe the procedure to install and activate the different Dashboards Models (Operations, Tactical, Service Level, Strategic, OCC, Readiness Dashboard, Application Performance and Launchpad) included in Focused Insights ST-OST 200 for SAP Solution manager 7.2 SPS 9.

It is not necessary to perform all configuration activities after a patch or a minor release, nevertheless the instructions described here can be considered as a reference to check the status of the setup in case of issues.
2 Prerequisites

For a successful installation of Focused Insights for SAP Solution Manager some technical and configuration requirements are needed.

- Solution Manager 7.2 should be installed with the support package level of SPS9.
- SAP NetWeaver Gateway should be activated on the system.
- Refer to SAP Note 2392728 (Central Note for Focused Insights ST-OST 200) for information about Focused Insights and the list of notes that need to be installed before starting the configuration procedure. Some of these notes contain additional reports needed to provide fixes and new functionalities.
- After each new installation or upgrade, apply all installation pre-requisites, notes, corrective measures and reports contained in SAP Note 2392728: Central Note for Focused Insights ST-OST 200 for the section ST-OST 200 SP04.
3 Introduction

Focused Insights for SAP Solution Manager provides a set of prepackaged dashboards which leverage the SAP Solution Manager content and support best practices for SAP solutions management.

Focused Insights aims to deliver, in real time, the most relevant and valuable information to the right people. While it provides full transparency of information stored inside SAP Solution Manager, it also takes into account the best practices and experience gained during numerous custom projects, offering you a set of prepackaged dashboards tailored to your needs.

Focused Insights is an add-on designed with key principles in mind, which are reflected in the value it provides:

- Powerful dashboards for IT and business
- Simple usability and deployment
- A rich content which is continuously enhanced
- Cross-scenario support and integrated views
- Appealing user interfaces with mobile support
- Use-case oriented dashboards with advanced authorizations management
- High degree of customizability, openness to extensions
- Designed to support Operations Control Centers (OCC) and large landscapes
4 Focused Insights Installation

Focused insights are installed with the ST-OST 200 for SAP Solution Manager 7.2 SPS 9 add-on via the transaction **SAINT** (Add on installation tool).

Transaction **SAINT** can process two types of delivery parcels: Add-on installations and add-on-upgrades. Technically, both are generally identical; they only differ in their prerequisites for the import and when checking for object conflicts using the SAP standard system.
5 Focused Insights Upgrade

Focused Insights upgrade from ST-OST 7.2 SP01, 7.2 SP02 or 7.2 SP03 to 7.2 SP04 is managed by the transaction SPAM.

5.1 Impact for existing dashboards and setup

5.1.2 Upgrade from 7.2 SP01 to 7.2 SP04

After the upgrade of the ST-OST add-on from 7.2 SP01 to 7.2 SP04, there are several changes:

- Five classic applications which are Application Performance dashboard (AP), Readiness dashboard (RD), Service Level dashboard (SLR), Strategic dashboard (SCR) and the launchpad are removed.

- Three classic applications which are Tactical dashboard (TAC), Operations Control Center dashboard (OCC) and Operations (OPE) are deprecated and have been replaced by redirection pages to their unified versions.

- New button “SLR Migration” is added to the SLR configuration application which stands for the migration report to do the mapping of the instances configured between classic and unified version. Once the migration button is pressed, the SLR configuration application should be set in read-only mode and instances of the unified SLR with the corresponding metrics should be created. If the instance number is already taken, a new instance number should be selected.

- The support of folder feature in the launchpad dashboard.

- Implementation of authorization check for the launchpad dashboard.

- Support of catalogue feature in SCR and SLR dashboards.

Note

After the upgrade of the ST-OST add-on from 7.2 SP01 to 7.2 SP02, a new range interval needs to be created for the number range object / STDF/ NB. This range enables to avoid problems of competition between the different jobs during the recovery of the last ID used.
5.1.3 Upgrade from 7.2 SP02 to 7.2 SP04

After the upgrade of the ST-OST add-on from 7.2 SP02 to 7.2 SP04, there are several changes:

- Three classic applications which are TAC, OPE and OCC are deprecated and replaced by redirection pages to their unified versions.
- Five classic application which are AP, RD, SCR, SLR and the launchpad are removed.
- The support of folder feature in the launchpad dashboard.
- Implementation of authorization check for the launchpad dashboard.
- Support of catalogue feature in SCR and SLR dashboards.

5.1.4 Upgrade from 7.2 SP03 to 7.2 SP04

- Four classic applications which are RD, SCR, SLR and the launchpad are removed.
- Two classic applications are deprecated and have been replaced by redirection pages to their unified versions: TAC and OPE.
- Implementation of authorization check for the launchpad dashboard.
  A new report named /STDF/DFL_UPDATE_AUTH_KEY is available to add existing pages Ids created within the SP03 to Authorization Keys Table.
- Support of catalogue feature in SCR and SLR dashboards.

5.2 Upgrade Impact for business process monitoring

After the add-on upgrade, the instances of the Focused Insights Operation Dashboards using “classic” Business Process Monitoring (BPMon) Key figures have to be migrated to use instead the Key Figures migrated from the “classic” BPMon to the BPMon on MAI.

In this situation, you will need to execute a dedicated report to migrate your Operations Dashboards instances. Refer to the SAP Note 2392728 (Central Note for Focused Insights ST-OST 200 for SAP Solution Manager 7.2 SPS 9) to get more information on the BPMon key figures migration report of Focused Insights.
Note

After each upgrade, if you will use the OCC dashboard, run the report /STDF/ INSERT_DATA_PROVIDERS to get the updated list of data providers and renderers.
6 Using the Z development

A report is delivered to migrate the “custom” version of the OCC Dashboard to the standard OCC dashboard version. The report “/STDF/REP_OCCDASHBRD_MIGRATION” will manage this migration.

\* Note

To execute this report, you should make sure that you have the Z Version (custom version) of the OCC Dashboard.

The migration procedure is the following:

1. Run the transaction **SE38**.
2. Enter the report name **/STDF/REP_OCCDASHBRD_MIGRATION**.
3. Execute the program.
7 Open System for Changes

After the installation of the ST-OST add-on, the Focused Insights content should be activated that is why we need opening the system for modifications.

1. Click on SE06
2. The One Service Tools Software Component and the Namespace/Name Range with a /STDF/ Prefix should be modifiable.

3. Click on “Client Setting”
Double click on the “Client”

4. Check the Changes and Transports for Client-Specific Objects and Cross-Client Object Changes
8 Activation

8.1 Introduction

After the installation of the ST-OST add-on, the Focused Insights content should be activated. The application FI setup guided procedure is delivered to list and automate Focused Insights activation steps. After an upgrade or the installation of a new version of the ST-OST add-on, we recommend to re-execute the queries and services activation automatic activities. This Guided Procedure is available at the following URL:
https://<solmanhost>:<solmanport>/sap/bc/webdynpro/ stdf/ wd_df_setup

8.2 Prerequisites

8.2.1 Users

The following roles are needed to be able to execute the Focused Insights setup guided procedure:
Roles:
- SAP_OST_FI_ADMIN_ALL
- SAP_SM_BI_DISP
- SAP_BI_E2E

Note
Please refer to the Security guide for more details.
8.2.2 SICF Services Activation

Execute transaction SICF to search and activate the following services:

![Activate Service](image1.png)

Figure 1 Activate Service

<table>
<thead>
<tr>
<th>Virtual Host / Service</th>
<th>Documentation</th>
<th>Referenz Service</th>
</tr>
</thead>
<tbody>
<tr>
<td>default_host</td>
<td>VIRTUAL_DEFAULT_HOST</td>
<td></td>
</tr>
<tr>
<td>sap</td>
<td>SAP_NAMESPACE, SAP OBSEQUIENT</td>
<td></td>
</tr>
<tr>
<td>bc</td>
<td>BASE_TREE (BASE_FUNCTIONING)</td>
<td></td>
</tr>
<tr>
<td>webdynpro</td>
<td>Web Dynpro (WD) Runtime</td>
<td></td>
</tr>
<tr>
<td>staff</td>
<td>Namespace</td>
<td></td>
</tr>
<tr>
<td>SF.Setup.VS</td>
<td>SF Setup.VS</td>
<td></td>
</tr>
</tbody>
</table>

Figure 2 Activate Service

8.3 Activation Steps

Follow the procedure of the FI setup GP according to the documentation described in the guided procedure. This guided procedure contains manual and automatic activities. The corresponding documentation for the manual activities is accessible in the following chapters of this guide.

Nine activities are covered in the FI Setup GP:

- Pre-requisites (Manual)
- Number Ranges interval creation (Manual)
- BW Queries activation (Automatic)
- System Alias Creation (Manual)
- Activate Services (Manual)
- Schedule Jobs (Automatic)
- Content Initialization (Automatic)
- Dashboards instance Configuration (Optional)
- Cache Configuration (Optional)
8.3.1 Step 1: Prerequisites

Focused Insights require some jobs to be scheduled in SAP Solution Manager.
In this step, you can enter the SAP user that will be used to schedule Focused Insights job. If the user is not specified, the user running the FI Setup GP will be used.
The selected user should have the authorization S_DEVELOP with the following parameters:
- DEVCLASS 'FIELD / stdf/*
- OBJ NAME' FIELD / stdf/*
- ACTVT' FIELD 03, MA

![Figure 3 Parameters](image)

8.3.2 Step 2: Activate Range Number Interval

This is a manual activity.
Refer to the related documentation to follow the corresponding instructions.

![Figure 4 Manual Activities - Activate Range Number Interval](image)

8.3.3 Step 3: Activate Queries

This is an automatic activity.
Press the Execute button to run the corresponding tasks.
In case of checking the queries activation has not been run successfully and indicates that there are some InfoCubes which they need to be activated, you may use the manual activation procedure mentioned in the Manual Activation chapter.

### 8.3.4 Step 4: System Alias Creation

This is a manual activity.  
Refer to the related documentation to follow the corresponding instructions.

---

### 8.3.5 Step 5: Activate Services

This is an automatic activity.  
Press the **Execute** button to run the corresponding tasks.
8.3.6 Step 6: Schedule Jobs

This is an automatic activity.
Press the Execute button to run the corresponding tasks.

![Figure 8 Schedule Jobs](image)

8.3.7 Step 7: Initialization

This is an automatic activity.
Press the Execute button to run the corresponding tasks to update the initial content for the following dashboards:

- Service Level Report
- Strategic
- Application Performance
- OCC
- CCM metrics for the OCC dashboard

![Figure 9 Update Initial Content](image)

8.3.8 Step 8: Dashboards Instance Configuration

In this step, you can access all Focused Insights configuration applications.
Optionally, you can use the Focused Insights Launchpad to access to the same content via the following URL:
8.3.9 Step 9: Cache Configuration

This feature allows to disable or enable the Focused Insights metrics cache.

![Configure Metrics Cache](image-url)
9 Manual Activation

9.1 Introduction

In this chapter, you will find the description of the manual activation steps referred in the Focused Insights setup guided procedure.

It covers three areas:

- Number Ranges interval creation
- System Alias Creation
- Focused Insights Launchpad activation

9.2 Steps Description

9.2.1 Number Ranges Interval

Some intervals need to be created for the number range object /STDF/NB.

This can be done executing the following steps:

1. Execute transaction SNRO.
2. Select the object /STDF/NB and choose Interval Editing.

![Figure 12 Maintain Number Range Object](image-url)
3. Choose the edit Intervals button to add the ranges.

![Figure 13 Add a Range](image)

4. Add these intervals.

![Figure 14 Add Intervals](image)

Repeat the same steps for /STDF/OPNB.

1. Execute transaction SNRO.
2. Select the object and choose Interval Editing.

![Figure 15 Maintain Number Range Object](image)

3. Choose the edit Intervals button to edit and add ranges.
4. Add only this interval (make sure that No. "ID" are two characters long (‘01’, ‘02’…)).

Repeat the same steps for /STDF/ EXT.

1. Go to transaction **SNRO**.
2. Select the object and choose **Interval Editing**.

3. Choose the **edit Intervals** button to edit and add ranges.
4. Add the intervals.

9.2.2 Queries activation

To activate a cube, the following steps need to be performed:

1. Enter RSA1 transaction code
2. Select BI Content
3. Select InfoProviders by InfoAreas
4. Click on the search button
5. Enter the cube name
6. Click on the confirm button
7. Drag and Drop the highlighted infoProvider in the next panel
8. Click on the Install button
9. Select Install or Install in Background option
9.2.3 System Alias Creation

A System Alias needs to be created to define the NONE RFC destination of your SAP Solution Manager system as the local WS Provider System using the local Gateway.

1. Execute transaction SM30 and maintain the /IWFND/V_DFSYAL object.

   ![Maintain Table Views: Initial Screen](image)

   **Figure 23 Maintain Table Views**

   2. In the new window, choose the **New Entries** button and use the following values:
      - **SAP System Alias**: LOCAL_SM
      - **Local GW**: checked
      - **RFC Destination**: NONE
      - **Software Version**: DEFAULT
      - **Description**: Local Connection Solution Manager

   ![New Entries: Overview of Added Entries](image)

   **Figure 24 Overview of Added Entries**
### 9.2.4 SICF Services Activation

Before using the Focused Insights Dashboards, the activities described below for the SICF services activation need to be completed for all dashboards.

Three types of services have to be activated: Libraries, ODATA and BSP.

#### Libraries Activation

Repeat the steps below for each Library with selecting each time the corresponding name.

<table>
<thead>
<tr>
<th>Library Name</th>
<th>SICF nodes</th>
</tr>
</thead>
<tbody>
<tr>
<td>SAPUI5 Libraries</td>
<td>/ sap/bc/bsp/stdf/ui5</td>
</tr>
<tr>
<td>Focused Insights SAPUI5 Extended Library</td>
<td>/ sap/bc/bsp/stdf/ libs</td>
</tr>
<tr>
<td>Focused Insights SAPUI5 Extended Library</td>
<td>/ sap/bc/ui5_ui5/ stdf/ libs</td>
</tr>
</tbody>
</table>

Execute transaction `SICF` to search/activate the mentioned libraries:

![Virtual Hosts / Services](image)

**Figure 25 Library activation**
BSP Services Activation

Repeat the steps below for each Dashboard with selecting each time the corresponding service name and the system alias entry.

<table>
<thead>
<tr>
<th>Dashboard Name</th>
<th>BSP Applications for unified dashboards</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tactical Dashboard</td>
<td>/sap/bc/bsp/ stdf/ tac_dash</td>
</tr>
<tr>
<td></td>
<td>/sap/bc/ui5_ui5/ stdf/ tac_dash</td>
</tr>
<tr>
<td>Operation Dashboard</td>
<td>/sap/bc/bsp/ stdf/ ope_dash</td>
</tr>
<tr>
<td></td>
<td>/sap/bc/ui5_ui5/ stdf/ ope_dash</td>
</tr>
<tr>
<td>Service Level Dashboard</td>
<td>/sap/bc/bsp/ stdf/ slr_dash</td>
</tr>
<tr>
<td></td>
<td>/sap/bc/ui5_ui5/ stdf/ slr_dash</td>
</tr>
<tr>
<td>Strategic Dashboard</td>
<td>/sap/bc/bsp/ stdf/ scr_dash</td>
</tr>
<tr>
<td></td>
<td>/sap/bc/ui5_ui5/ stdf/ scr_dash</td>
</tr>
<tr>
<td>Application Performance Dashboard</td>
<td>/sap/bc/bsp/ stdf/ ap_dash</td>
</tr>
<tr>
<td></td>
<td>/sap/bc/ui5_ui5/ stdf/ ap_dash</td>
</tr>
<tr>
<td>OCC Dashboard</td>
<td>/sap/bc/bsp/ stdf/ occ_dash</td>
</tr>
<tr>
<td></td>
<td>/sap/bc/ui5_ui5/ stdf/ occ_dash</td>
</tr>
<tr>
<td>Readiness Dashboard</td>
<td>/sap/bc/bsp/ stdf/ rd_dash</td>
</tr>
<tr>
<td></td>
<td>/sap/bc/ui5_ui5/ stdf/ rd_dash</td>
</tr>
<tr>
<td>Launchpad</td>
<td>/sap/bc/ui5_ui5/ stdf/ central</td>
</tr>
</tbody>
</table>

Execute transaction SICF to search/activate the mentioned services:
Figure 26 Activate Service for DF Launchpad
9.2.5 OData Services Activation and Services Aliases creation

For each table entry provided on the below table, we will show the steps to activate the OData service then add its corresponding service alias:

<table>
<thead>
<tr>
<th>Dashboard Name</th>
<th>Service Name</th>
<th>System Alias Entry</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tactical Dashboard</td>
<td>/STDF/TAC_SRV</td>
<td>/STDF/TAC_SRV_0001</td>
</tr>
<tr>
<td>Operations Dashboard</td>
<td>/STDF/OPE_SRV</td>
<td>/STDF/OPE_SRV_0001</td>
</tr>
<tr>
<td>Service Level Dashboard</td>
<td>/STDF/SLR_DASH_SERVICE_SRV</td>
<td>/STDF/SLR_DASH_SERVICE_SRV_0001</td>
</tr>
<tr>
<td>Strategic Dashboard</td>
<td>/STDF/SCR_SERVICES</td>
<td>/STDF/SCR_SERVICES_0001</td>
</tr>
<tr>
<td>Application Performance Dashboard</td>
<td>/STDF/AP_DATA_PROVIDER</td>
<td>/STDF/AP_DATA_PROVIDER_0001</td>
</tr>
<tr>
<td>Readiness Dashboard</td>
<td>/STDF/RD_SERVICE</td>
<td>/STDF/RD_SERVICE_0001</td>
</tr>
<tr>
<td>Focused Insights Launchpad</td>
<td>/STDF/DFL_SERVICE</td>
<td>/STDF/DFL_SERVICE_0001</td>
</tr>
<tr>
<td>OCC Dashboard</td>
<td>/STDF/OCC_SRV</td>
<td>/STDF/OCC_SRV_0001</td>
</tr>
</tbody>
</table>

1. Execute transaction `/iwfnd/maint_service` and select the `/STDF/DFL_SERVICE` Service Name:

![Figure 27 Activate and Maintain Services](image)

2. Add a system alias.

![Figure 28 Add a System Alias](image)

3. On the next screen, choose New Entries.
4. Select the entry /STDF/DFL_SERVICE_0001 and fill in the values as shown below:

![Figure 29 Add New Entries](image)

5. Save.

Repeat the mentioned steps for each Dashboard with selecting each time the corresponding service name and the system alias entry.

Once adding a System alias entry for each dashboard is performed successfully, you should follow these steps to activate the Odata services:

1. Execute transaction /iwfnd/maint_service and select the /STDF/DFL_SERVICE Service Name:

![Figure 30 Assign SAP System Alias to OData Service](image)

2. Choose the ODATA entry and activate it with the edit ICF Node button.
Figure 32 Select the OData Entry

Figure 33 Activate the OData Entry

As result, the service is activated, and the status should be green as shown here:

Figure 34 OData Status
10 Focused Insights Launchpad

Focused Insights Launchpad is accessible through the following link: http://<solmanhost>:<solmanport>/
sap/bc/ui5_ui5/stdf/central/index.html?

The displayed views depend on the user type: Admin user or Display user.

With the current SP04, the folders support feature is controlled by User Authorization objects /STDF/APPC and
/STDF/APPD. Please refer to the security guide chapter Detailed Authorization Concept for further details.

10.1 Focused Insights Launchpad for a display user

For a display user, here are the steps to follow to access the launchpad dashboard:

1. Execute SM_WORKCENTER transaction code.
2. Click on the displayed tile.

![Figure 35 Focused Insights Launchpad – Display User](image)
The Display user can access to the default page which is called Dashboards Categories if no custom page is requested.

A display user has no rights to add, edit and/or delete pages.

The access to a specified custom page, the user should add the following parameter `pages=<ID>` to the URL as follow:


10.2 Focused Insights Launchpad Administration

To access to the admin Launchpad including the links to the dashboard configuration applications, you need to be an admin user which is managed with the authorization object /STDF/APP.

The displayed view will be like that:
Please note that the default page of all dashboards is always shown last in the list for Admin users. An admin user can add, edit and delete a page.

10.2.1 Add a page

To create a page, please follow the steps below:

- Click on create page button
- Enter the needed info and choose the wanted icon in the opened Create Launchpad Page dialog

![Create Launchpad Page](image)

Figure 38 Create Launchpad Page dialog
As consequence, the wanted page will be created and the user can see its ID on the up right of the page.

![Figure 39 Launchpad Page View](image)

- Click on plus/minus items button(s) to add/delete items.

![Figure 40 Content Tab](image)

**Note**

The user can decide the items number to add per click on the plus item button (by default 1 item to insert) by clicking on the setting button under the content tab.

![Figure 41 Setting Button](image)
- Select an item from the list to be configured and scroll down to get the item settings section.
- Select the type of the item and enter its ID

**Item Settings**

<table>
<thead>
<tr>
<th>Type:</th>
<th>Id:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Name:</td>
<td></td>
</tr>
<tr>
<td>Tags:</td>
<td>Add Tags</td>
</tr>
</tbody>
</table>

![Figure 42 the Item Setting section](image)

**Note**

A custom page contains folder and/or dashboard instances. The structure of a page is controlled with a list of items in the edition panel with the following rules:

- Same items are not authorized otherwise an error message showing duplicated instance exists appears
- Dashboards items should have a type and an ID
- Items with errors cannot be created, or updated
- Items with warning can be created or updated
- You need to save for changes to take effect on item
- Folder type is not editable

### 10.2.2 Insert Items into a folder

The user can choose to add the items he wants to create into a folder by following these steps:

- Create a folder
- Select the created folder
- Click on plus 1 item to add one item under the selected folder
- Check that a pop-up is opened, and the user can add the created items either to the selected folder or to the parent folder/page.
To Folder

Do you want to add items to selected folder or to the parent folder/page?

☐ Do not show this message again  ✔ To Folder  ✔ To Parent  ✗ Cancel

Figure 43 to folder Confirmation Pop-up.

At the end the user should click on the button Save under Page Management Tab

✔ Page Management  📗 10

Figure 44 Save Button

If there are some types not defined or some id not specified, the user will get this Pop-up

Not All is Saved

Not all items can be saved. Please check if there is error in items.

☐ Do not show this message again  ➔ Open Messages  ✗ Close

Figure 45 Not All is Saved Pop-up.

The user can click on the button Open Messages to see all the messages and to know what the types or the lds he need to introduce. Once that done he can save the page successfully

Note

- Folder can contain other folders and/or dashboards instances
- Cannot move created items into a folder
- Items can be inserted into a folder upon their creation
10.2.3 Multi-carousel

It is possible to display multiple Dashboards instances into a carousel, for that you should follow the below steps:

- Create a page containing the wanted instances

  ![Figure 46 Add items](image)

- Select the instances to be displayed

  ![Figure 47 Select the instances to be displayed](image)

- Click on Navigate in same window option
In the Global settings activate the auto-switching option

**Global Settings**

**Theme**

Color Scheme:  

**Instance Handling**

- **Auto switching instances when user is inactive**

  - Inactive to idle: 5 s
  - Switch delay: 5 s

**Message Handling**

- Maximum Number of Stored Messages: 100

*Figure 48 Global Settings section*