Focused Insights for SAP Solution Manager

What’s New

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Agenda

Overview

What’s new with Focused Insights

▪ Enhance end-users experience
▪ Extend data access
▪ Accelerate content creation

Demos
Focused Insights for SAP Solution Manager

Overview
Focused Insights within ALM Analytics Strategy

Cross Application Analytics

Cross Scenario Analytics
- Focused Insights
- Dashboard Builder
- SAP Solution Manager / Focused Build

Cross Use-Case Analytics
- Advanced Analytics
- Focused Run
- SAP Cloud ALM

Embedded Analytics
- SAP Analytics Cloud (SAC)

On-premise / Hybrid customers
- Cloud oriented customers
- All customers

Third Party ALM Components
Focused Insights for SAP Solution Manager

What’s new: Enhance end-users experience
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Visualization

Richer Navigation
- Custom Launchpad
- Multi-carousel
- Time Dimension Link for OCC
- Enhanced user authorization control

Extended Data Visualization
- Global time range management
- New renderers
- PDF export for Service Level

Data Access

More Data Sources
- Business Transactions
- Batch Jobs
- ABAP Table Access
- HANA Memory

Data Integration
- SAP Analytics Cloud API

Configuration

Faster Content Creation
- OCC Dashboards Import/Export
- Operation Catalog Import/Export
- Operation Dashboard creation wizard
- Catalog support
- New Strategic Editor
Richer Navigation: Custom Launchpad

- Create your own launchpad.
- Structure it with folders and mix instances from any dashboard model supported by Focused Insights.
- Navigate from the page in embedded or new window mode.

- Display in carousel mode the content of your launchpad.
- Publish a direct read-only URL with the &pages parameter.
- Manage access with standard Focused Insights authorizations object (Authorization key: DFL).
Richer Navigation: Multi-carousel

Combine **all types of dashboards** in a carousel
- Automatic **Full-screen mode**
- Switch between **context sensitive** dashboard

Carousel **options** works for **custom pages**
## Richer Navigation: Dashboards Customizations

**Customize** Dashboard instances with URL parameters

<table>
<thead>
<tr>
<th>Dashboard</th>
<th>URL Parameters</th>
</tr>
</thead>
<tbody>
<tr>
<td>All</td>
<td><strong>ColorScheme</strong>=dark/light&lt;br&gt;<strong>RefreshTimer</strong>=5,10,15,20&lt;br&gt;<strong>autoSwitchOnIdle</strong>=true/X&lt;br&gt;<strong>timeToIdle</strong>=value in seconds&lt;br&gt;<strong>carouselDelay</strong>=value in seconds&lt;br&gt;<strong>fullScreen</strong>=true/X, to start dashboard in full screen</td>
</tr>
<tr>
<td>Tactical</td>
<td><strong>view</strong>=tabular/tiles, to use tabular or tiles.&lt;br&gt;<strong>perspective</strong>=systems/scenarios, to show systems or scenarios perspective</td>
</tr>
<tr>
<td>Operation Scenario</td>
<td><strong>entriesTitle</strong> with supported values: [l1, dash, dash_l1, l1_dash].&lt;br&gt;• l1 (default): Take level 1 description as title&lt;br&gt;• dash: Take instance description as title&lt;br&gt;• dash_l1: Take instance description as title, and level 1 description as sub-title&lt;br&gt;• l1_dash: Take level 1 description as title, and instance description as sub-title</td>
</tr>
<tr>
<td>Operation Control Center</td>
<td><strong>gadgetHeight</strong> fixes the heights for all gadgets (minimum 400 px)</td>
</tr>
</tbody>
</table>
Extended Data Visualization: Renderer for SLR Tiles

Renderer for **HTML Text** and **SLR Tiles**
- Display HTML texts.
- Tile for indicator charts with numeric values.
**Extended Data Visualization:** Last & Current periods

**Improve Period/Resolution Management**

Accurate Period selection with ‘current’ and ‘last’ attributes

- **Current** includes the current resolution: *Today corresponds to Current 1 day.*
- **Last** does not include the current resolution. *Yesterday corresponds to Last 1 Day.*
**Extended Data Visualization:** Global time range management

Set a predefined time range or an **automatic time range** to the gadget.

With an automatic time range, the gadget **inherits from dashboard time range**.

Default time range for a dashboard is **Today / Hour**.

Change dashboard time range at runtime. The new time range is applied to gadgets with an automatic time range.

Mix gadgets with automatic and predefined time range in the same dashboard.
Richer Navigation: Time Dimension Link for OCC

Define gadgets relationships in dashboards between 1 influencer and N dependents.

**Time Dimension Period** of the **dependents** gadgets is defined by the selected data points on the **influencer** gadget.
Extended Data Visualization: PDF Export

Export SLR Report in a PDF file
- Header page
- Objectives page
- One page per service level objective
Focused Insights for SAP Solution Manager

What’s new: **Extend data access**
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More Data Sources: New Data Providers

Data provider **Transaction**
- Based on the STAD information.
- Filters or drill-down for transactions, reports names and task types.
- Key indicators for response time (total and average), CPU time, DB time, Wait time and number of dialog steps.

Data provider **Job**
- Based on the JSM (Job Scheduling Monitoring) scenario.
- Filters or drill-down for system, status, job names, execution and users
- Key indicators for Number of executions, Average duration, Minimum duration, Maximum duration, Average delay, Total duration, Total delay.

Data provider **Table**
- Read the content of a local or remote ABAP table
- Dimensions and key figures depends on table fields

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- **Table**
  - Read the content of a local or remote ABAP table
  - Dimensions and key figures depends on table fields
More Data Sources: Tactical HANA Memory

New **Category** for Hana Memory Database.

Predefined metrics:
- Database **used** memory.
- Database **resident** memory.
- Available **Physical** memory.

**Used memory (Yesterday/Day) in GB**
**Used memory / available physical memory (Yesterday/Day) %**
**Trend : Resident memory (last 8 week)**

![Graph showing database memory usage over time](image-url)
**Data Integration: SAP Analytics Cloud API (1/2)**

**Publish** any Focused Insights **metrics** to the **SAP Analytics Cloud** with 3 possible formats:

- Tables,
- Time Series,
- DataSets.

**Connect** your SAC Tenant to your SAP Solution Manager with the SAP Cloud Connector.

Build SAC models out of a **generic** Focused Insights **OData** connection.

Select **dimensions** and **measures** directly from the SAC graphical editor.
Data Integration: SAP Analytics Cloud API (2/2)
Focused Insights for SAP Solution Manager

What’s new: **Accelerate content creation**
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Dashboards definition are exported as **text files** (json format).

**Parameters** can be injected in dashboard content during the **export** process.

Parameters are replaced during the import process with free **text** or **data providers** context information.
Faster Content Creation: Catalog Support

Publish a catalog from an OCC dashboard
- Discover metrics and data providers from OCC
- Build and customize your metrics
- Mark the OCC dashboard as discoverable

Consume catalogs from other dashboards
- Consume catalog from SLR & Strategic dashboards
- Retrieve metrics and KPIs from a catalog
- Re-use or re-define default catalog metric properties
Faster Content Creation

Service Level Dashboard

Configure SLR from predefined templates catalogs.

Manage your catalogs of metrics from an OCC dashboard with “Discoverable” flag.

Configure Service Level Objectives parameters
  • Service level target
  • Time frame and resolution
Faster Content Creation:
New Strategic Dashboard Editor

Use a single UI to access and configure

Build easily your Scores and KPIs

Consume Catalog of KPIs and metrics

Trigger and monitor data collection
Faster Content Creation: Operation Dashboard Wizard

Build large Operation dashboards with few clicks
Pick all metrics & alerts or use custom catalogs
Wizard is started directly from runtime interface

Modify dashboards with classic editor
Generated dashboards have a predefined structure
- System / Category / Alerts & Metrics

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Thank you.

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### Faster Content Creation

**Richer Navigation**

**Extended Data Visualization**

**Data Integration**
Focused Insights for SAP Solution Manager: What’s new

**General**
- Custom Launchpad
- Multi-carousel
- Enhanced user authorization control
- SAP Analytics Cloud API
- URL parameters extension

**Operation**
- Dashboard creation wizard
- Catalog Import/Export

**Tactical**
- HANA Memory category

**Service Level Report (SLR)**
- Metrics Catalog support
- PDF export

**Strategic**
- New Editor
- Metrics Catalog support

**Operation Control Center (OCC)**
- Current and Last Period supports
- Global time range managements
- Data Provider for Business Transactions
- Data Provider for Batch Jobs
- Cache Management
- Time Dimension Link
- Renderer for HTML Text and SLR Tiles
- Shift Option
- Dynamic Table Renderer filtering
- Trend support extension
- Waterfall chart support
- Bubble Chart support
- Internal ABAP Table Access
- OCC Import/Export