



What's New in SAP Integrated Business Planning 2105 (Planned) / Part 1 Planning UI, Foundation, Technical Topics

SAP Product & Solution Management
April 20, 2021

PUBLIC

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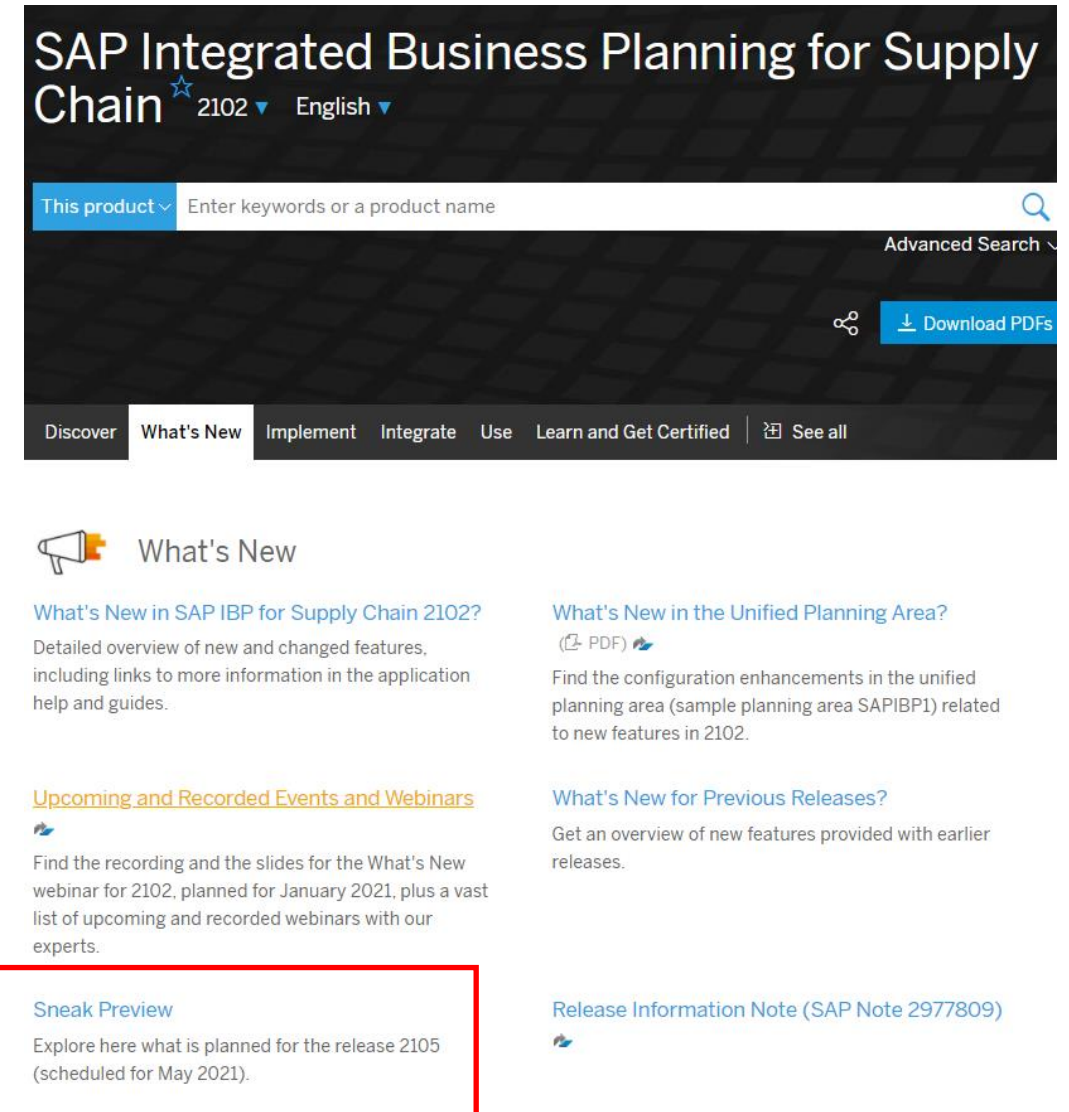
This is a sneak preview

The What's New webinars as well as the What's New documentation on the SAP Help Portal at <http://help.sap.com/ipb> are available some weeks before the actual release date.

The release of SAP Integrated Business Planning 2105 is currently planned for May 5, 2021. The system upgrades for the customer test systems are scheduled the following weekend.

BUT... things can happen ... and features might still be delayed.

Therefore: „This is the current state of planning and may be changed by SAP at any time.“



SAP Integrated Business Planning for Supply Chain 2102 English

This product Enter keywords or a product name Advanced Search

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What's New

[What's New in SAP IBP for Supply Chain 2102?](#)
Detailed overview of new and changed features, including links to more information in the application help and guides.

[What's New in the Unified Planning Area?](#)
(PDF) Find the configuration enhancements in the unified planning area (sample planning area SAPIBP1) related to new features in 2102.

[Upcoming and Recorded Events and Webinars](#)
Find the recording and the slides for the What's New webinar for 2102, planned for January 2021, plus a vast list of upcoming and recorded webinars with our experts.

[Sneak Preview](#)
Explore here what is planned for the release 2105 (scheduled for May 2021).

[What's New for Previous Releases?](#)
Get an overview of new features provided with earlier releases.

[Release Information Note \(SAP Note 2977809\)](#)

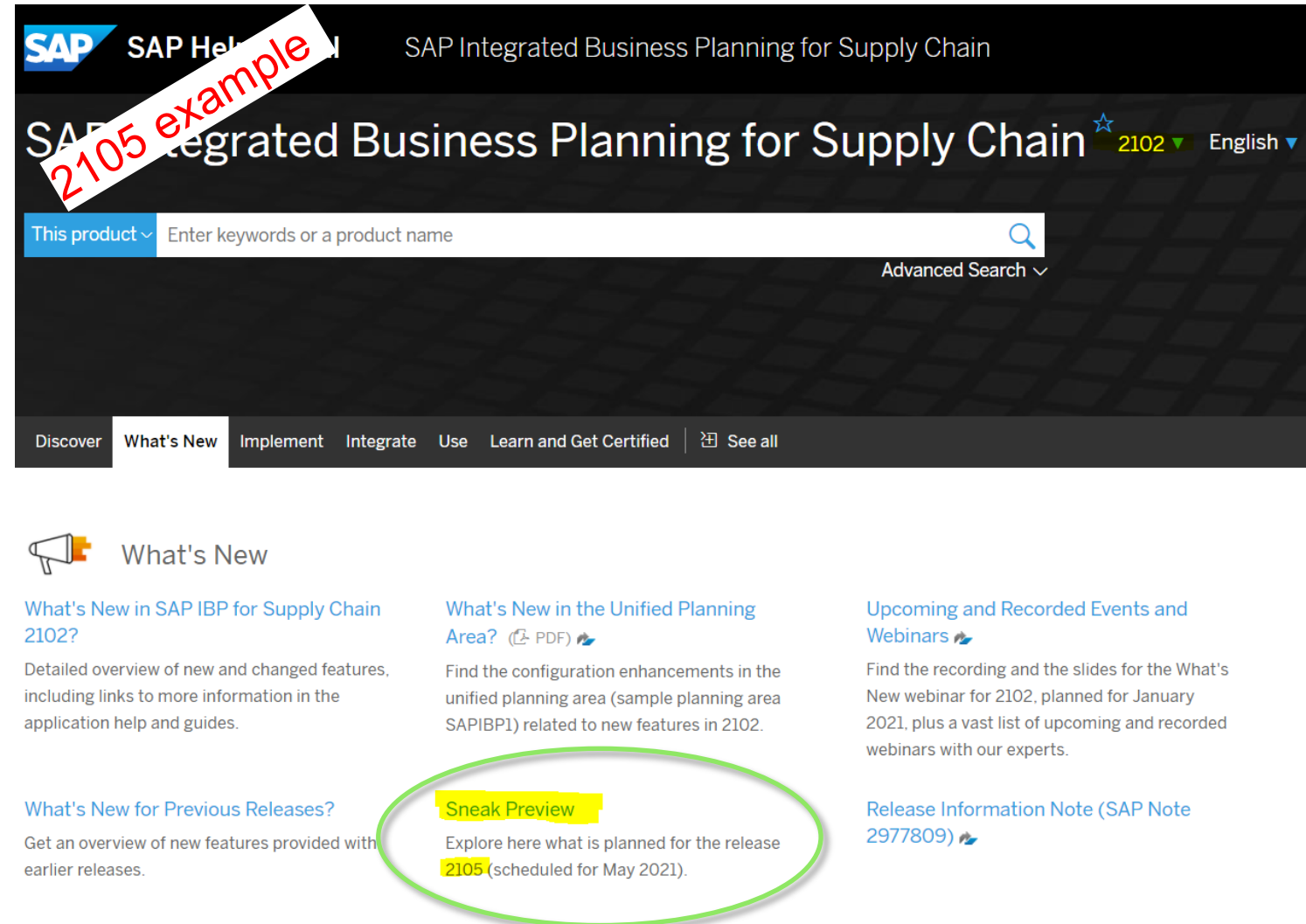
How early birds get to know about news and changes in the next release ;)

Around 3 to 4 weeks before the next release, you can find a sneak preview (preliminary What's New) on SAP Help Portal under <http://help.sap.com/ibp>.

For 2105, we have published the sneak preview on **April 12**.

For 2108, we are planning to make it available on **July 9**, around 4 weeks before the planned RTC on August 4.

Feedback welcome any time.



The screenshot shows the SAP Help Portal for SAP Integrated Business Planning for Supply Chain. A red diagonal banner with the text "2105 example" is overlaid on the top left. The page title is "SAP Integrated Business Planning for Supply Chain" with a star icon and "2102" next to it, and "English" as the language. Below the title is a search bar with the placeholder "Enter keywords or a product name" and a magnifying glass icon. To the right of the search bar is a link for "Advanced Search". Below the search bar is a navigation bar with tabs: "Discover", "What's New", "Implement", "Integrate", "Use", "Learn and Get Certified", and "See all". The "What's New" tab is selected. Below the navigation bar is a section titled "What's New" with a megaphone icon. It contains three main sections: "What's New in SAP IBP for Supply Chain 2102?", "What's New in the Unified Planning Area?", and "Upcoming and Recorded Events and Webinars". The "What's New in SAP IBP for Supply Chain 2102?" section has a detailed overview of new and changed features. The "What's New in the Unified Planning Area?" section has a link to a PDF. The "Upcoming and Recorded Events and Webinars" section has a link to a webinar. Below these sections is a "Sneak Preview" section, which is highlighted with a green oval. It contains the text "Explore here what is planned for the release 2105 (scheduled for May 2021)." and a link to "Release Information Note (SAP Note 2977809)".

Information about Licensing

None of the material presented include any indication of licensing required, which you can discuss with your individual account team. You can also visit “[Applications and Features of SAP Integrated Business Planning for Supply Chain](https://help.sap.com/viewer/6b0a6820ebf94ff4a15d68af6db7745b/latest/en-US)” for more details or get in contact with your Customer Engagement Executive.

Link to “Applications and Features of SAP Integrated Business Planning for Supply Chain”
<https://help.sap.com/viewer/6b0a6820ebf94ff4a15d68af6db7745b/latest/en-US>

Q&A: Chat is open for questions throughout the session with experts online to answer

Agenda

Today

Part 1: Planning UIs, Foundation, ...

- Normalization Migration
- Analytics & Dashboards
- Web-based Planning
- Attribute as Key Figure Statistics
- Application Job Templates Enhanced Authorizations
- Manage Editability Horizons for Key Figures
- SAP IBP, add-in for Microsoft Excel
- Change History Analysis App
- Machine Learning for Master Data Consistency Configuration
- Activation & Simplified Key Figures
- Copy Operator
- Integration

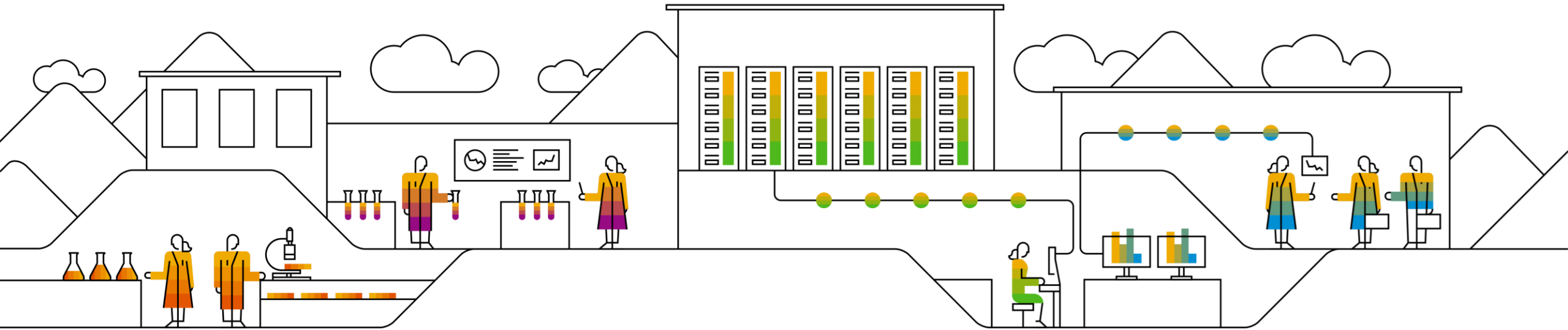
Tomorrow

Part 2: Applications and Business Processes

- Best Practices
- Exception Management
- Intelligent Visibility
- S&OP
- Demand Planning
- Demand Sensing
- Inventory Optimization
- Business Network Collaboration
- Order-based Planning

Normalization Migration

Andreas Weber



Normalization Migration

- All customer systems need to be migrated to the normalized data model until end of year 2021
- Starting IBP 2105, most of the new features will be supported only in normalized systems
- If your landscape is not normalized:
 - Please follow the steps described in [SAP Note 2885814](#) to start normalization migration of your systems
 - Remark: All newly provisioned landscapes are normalized since IBP 1908 – no migration is required for those

2105 “Normalized systems only” features in What’s New Overview

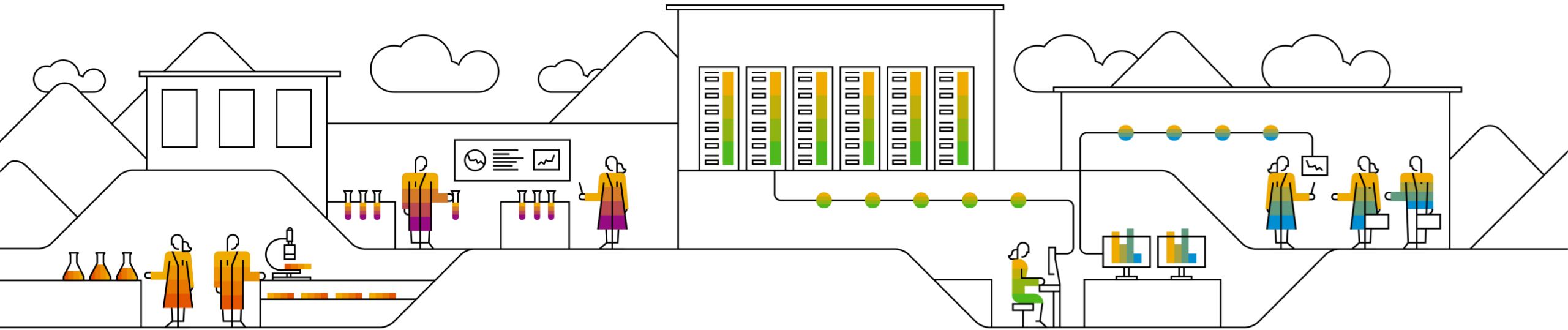
Business Topics	Types	Target Groups	Impact	What's New - Headline	What's New - Details
Filter	Filter	Filter	Filter	Search within the column	
Administration	New	Administrator/configuration expert	New SAP Fiori app Role/business catalog Normalized systems only SAP IBP, add-in for Microsoft Excel	In normalized systems only, you can use the new Manage Editability Horizons for Key Figures app to define, for a set of key figures, a restricted time window in which the key figures can be modified. The SAP Integrated Business Planning, add-in for Microsoft Excel has new formatting rules that you can use to visualize the editability of key figures in the planning views.	New App: Manage Editability Horizons for Key Figures Enhanced Visualization of Key Figure Editability
Cross applications	New	Business user	Web UI Normalized systems only	When creating, copying, or editing master data entries in the Manage Master Data app, you can now use an enhanced value help. The enhanced value help shows existing dependencies between attributes and helps manage the dependent attributes together. This usability improvement streamlines the data maintenance process for users, thus reducing risks of input error.	Enhanced Value Help in the Manage Master Data App
Data integration	New	Administrator/configuration expert	Integration Global configuration parameter Normalized systems only	You can now import key figure data into scenarios using an OData service. There is a new global configuration parameter to set the maximum amount of data to be stored in a scenario.	Importing Key Figure Data into Scenarios
Demand planning	New	Business user	Web UI Normalized systems only	You can now create the missing planning objects for new products from the planning object actions.	Creation of Missing Planning Objects for New Products
Model configuration	New	Administrator/configuration expert	Model configuration Normalized systems only Application job	You can now use write permission filters to allow or prevent the execution of the Copy Operator (Advanced) .	Support of Write Permission Filters for Copy Operator (Advanced)
Time-series-based supply planning	Changed	Administrator/configuration expert Business user	Web UI Planning algorithm Normalized systems only	In normalized systems only, extra information on key figures and master data types is now available in the statistics provided after a planning run, to help you resolve any issues or when trying to improve performance. We've provided these statistics as attachments to the application log, instead of in the business log as previously. In non-normalized systems, there's no change to the statistics or to the way they're provided; they remain in the business log.	Extra Information in Planning Run Statistics
Time-series-based supply planning	Changed	Administrator/configuration expert Business user	Web UI Planning algorithm Normalized systems only	In normalized systems only, the time-series-based supply planning optimizer now respects aggregated constraints during time aggregation, whereas previously it didn't. In non-normalized systems, aggregated constraints during time aggregation are still deactivated.	Time-Series-Based Supply Planning Optimizer Now Respects Aggregated Constraints During Time Aggregation

Link to Preview What's New 2105:
<https://help.sap.com/viewer/46ce31ea47b94dc3a091e2f19fd5fefb/2105/en-US/1d8aa895ce0047e292a5f7f9a4ed305b.html>

Use filter “normalized systems only”

Analytics & Dashboards

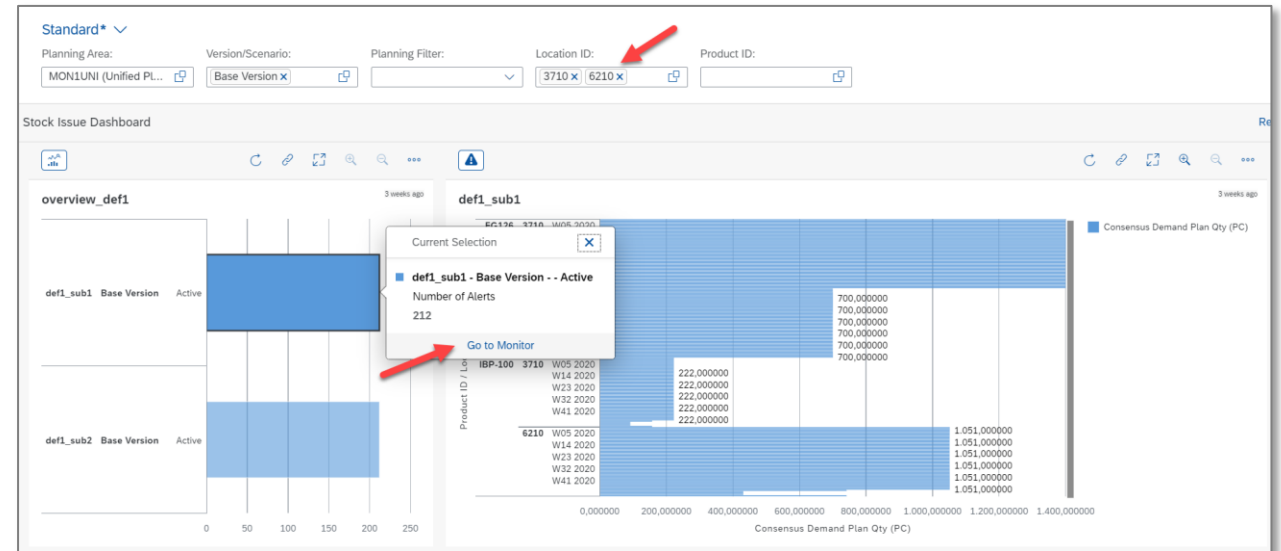
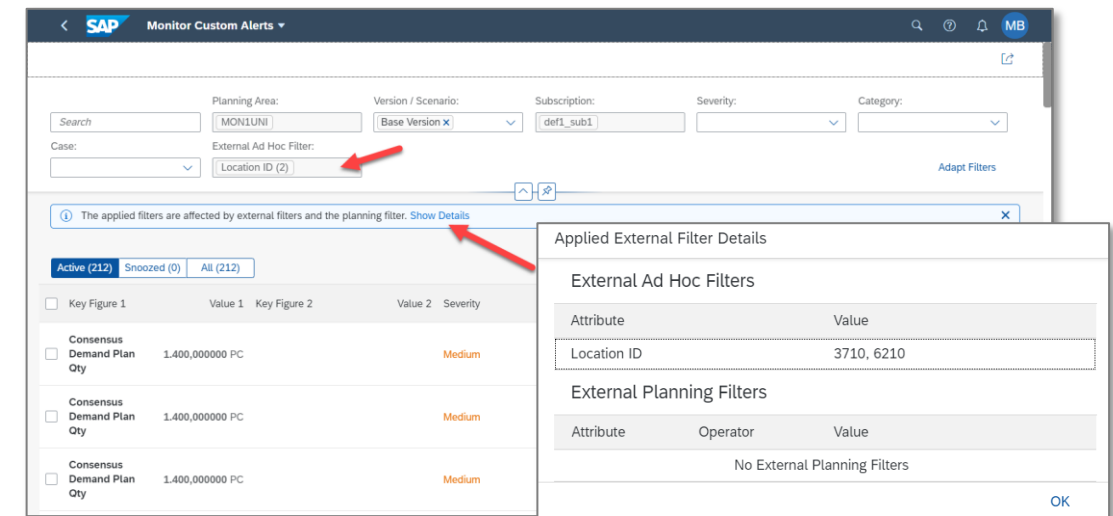
Kenton Harman



Pass dashboard filters when navigating from Alert Overview to Alert Monitor

The Alert overview within a dashboard has been enhanced as following:

- Dashboard filters are passed to the alert monitor when navigating from an alert overview chart
- Dashboard filters are passed to the alert monitor when navigating from a portion of the alert overview chart
- Dashboard filters are passed to the alert monitor when navigating from an alert subscription
- The alert monitor filter shows the external filters and external planning filters

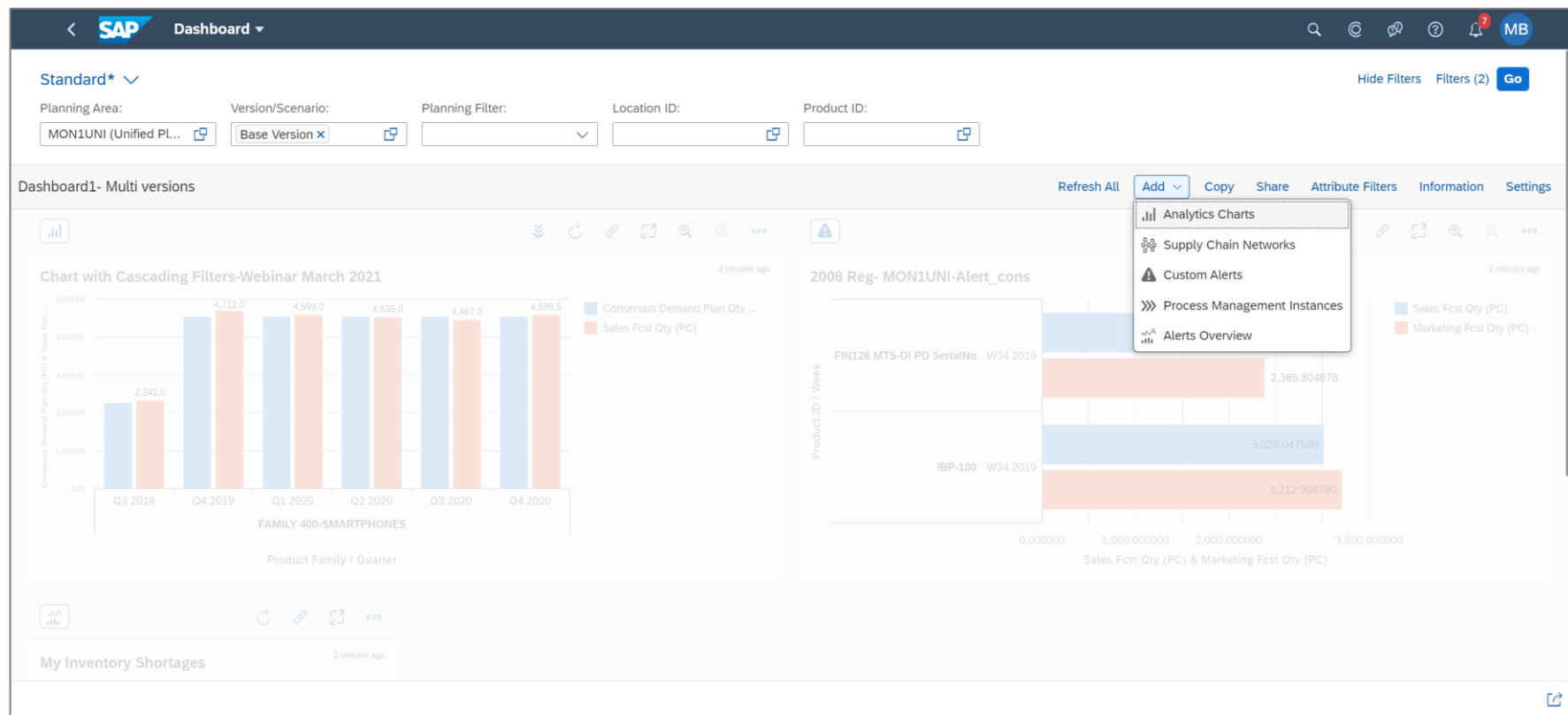
The screenshot shows the 'Monitor Custom Alerts' page. The top navigation bar includes filters for 'Planning Area' (MON1UNI), 'Version / Scenario' (Base Version), 'Subscription' (def1_sub1), 'Severity', and 'Category'. The main area displays a table of alerts with columns for 'Key Figure 1', 'Value 1', 'Key Figure 2', 'Value 2', and 'Severity'. A red arrow points to the 'Location ID (2)' filter in the 'External Ad Hoc Filter' section. Another red arrow points to the 'Show Details' link in the 'Applied External Filter Details' dialog box.

Attribute	Value
Location ID	3710, 6210

Attribute	Operator	Value
No External Planning Filters		

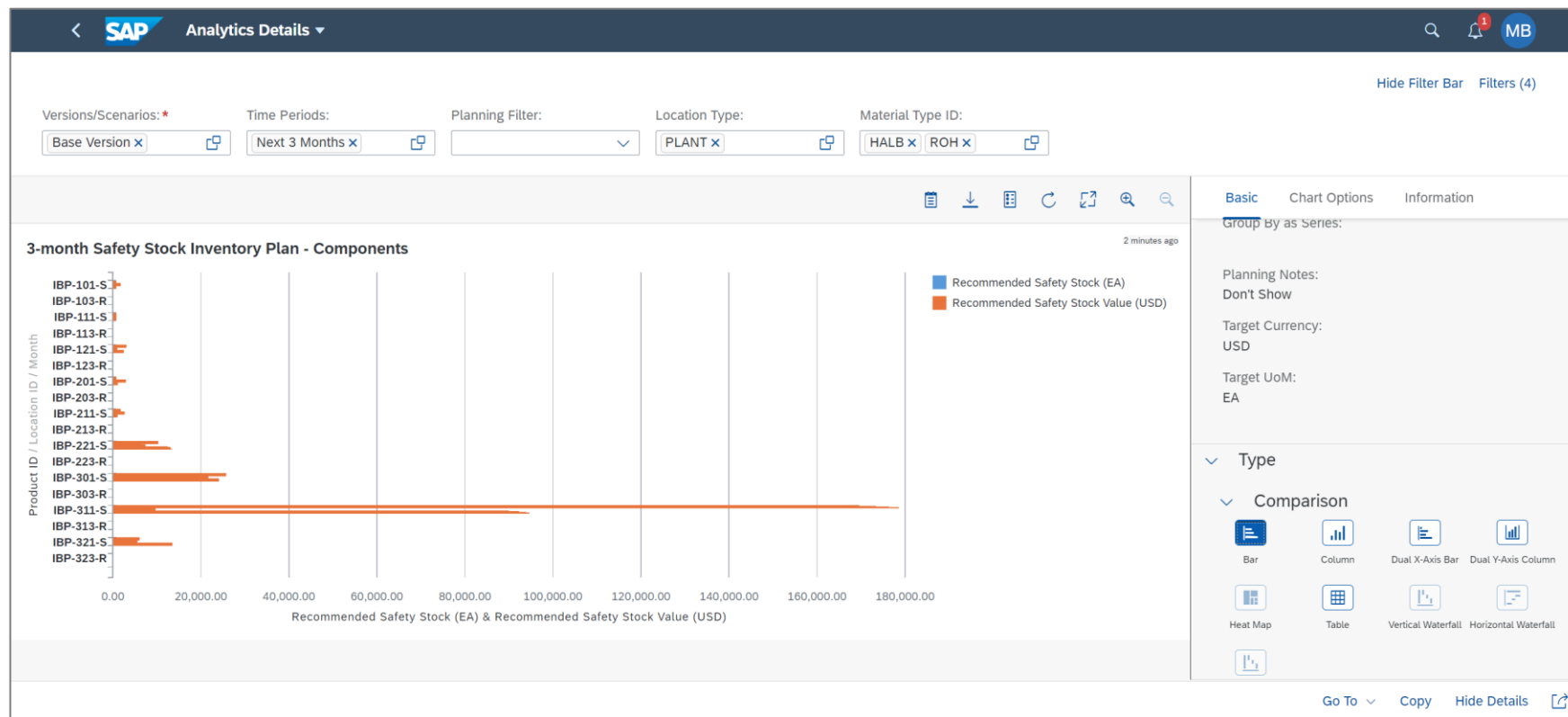
Add analytics objects while filtering in Dashboard

- You can add analytics objects to the dashboard even if you have filters active
- The list of objects that can be added are restricted to the ones of the same filtered planning area



Save filters in charts

- Attribute filters are saved with the chart even if they are not filled with values
- Location ID and product ID are not defaulted if they are specifically removed



Support other data formats for percentages

Support two additional data formats for percentages:

- Percent 12%
- Percent 12.0%
- These two formats are available in Analytics and in the Define and Subscribe to Custom Alerts apps

Value Display

Value Label:

ON

Show Minimum / Maximum Value Labels:

OFF

Show First / Last Value Labels:

OFF

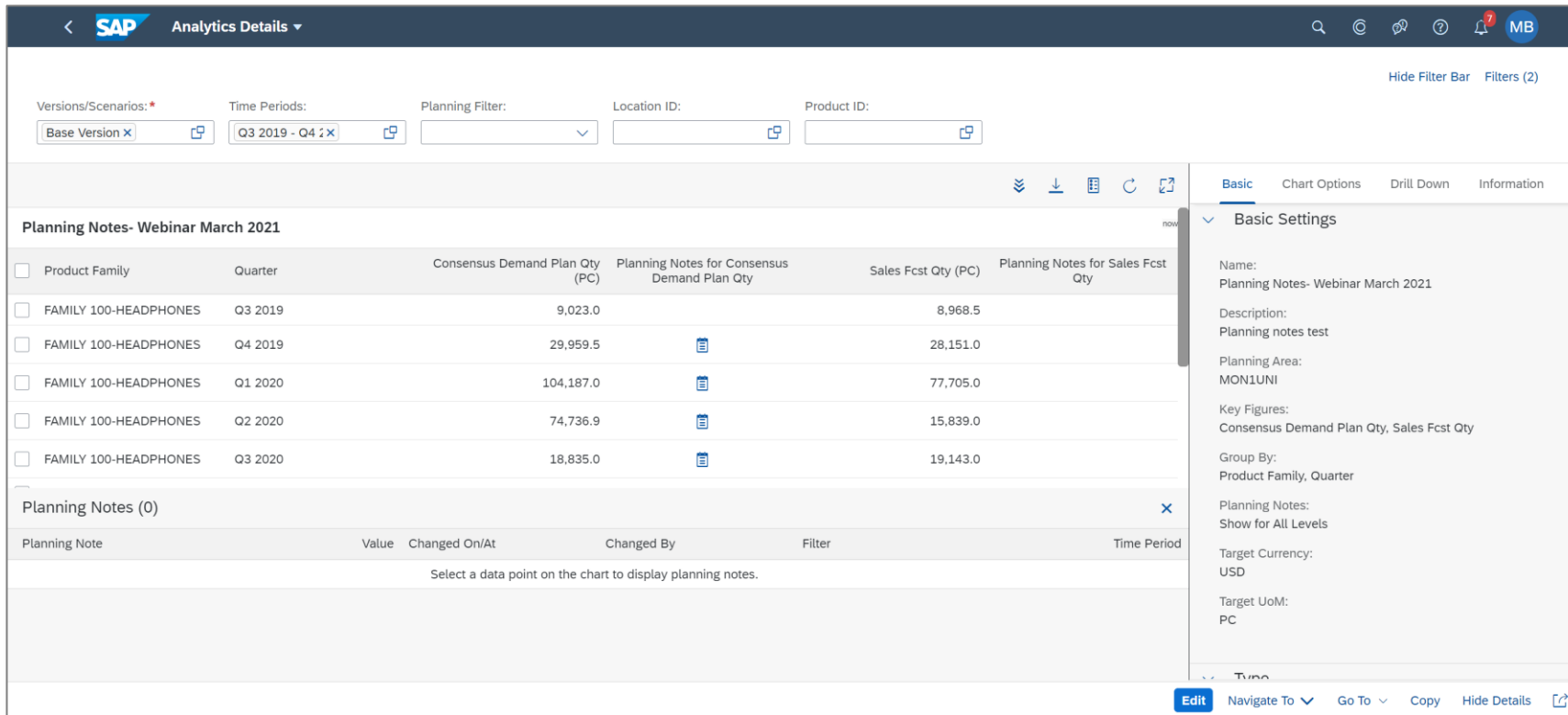
Value Number Format:

Percent 12.0%





Standard 123,456
Standard 123,456.0
Standard 123,456.00
Standard 123,456.000
Standard 123,456.0000
Standard 123,456.00000
Standard 123,456.000000
Standard 123,456.0000000
Percent 12%
Percent 12.0%
Percent 12.00%
Short 123.00M

Display notes in a table type

- You can now display notes when you choose table type in analytics
- The notes are represented by an icon in the table
- By clicking on the icon, the notes are displayed below in a separate table and the icon is highlighted



The screenshot displays the SAP Analytics Cloud interface. At the top, there's a header with the SAP logo and 'Analytics Details'. Below this, there are filter sections for 'Versions/Scenarios' (Base Version), 'Time Periods' (Q3 2019 - Q4 2020), 'Planning Filter', 'Location ID', and 'Product ID'. The main table is titled 'Planning Notes- Webinar March 2021' and contains data for 'Product Family', 'Quarter', 'Consensus Demand Plan Qty (PC)', 'Planning Notes for Consensus Demand Plan Qty' (with a calendar icon), 'Sales Fcst Qty (PC)', and 'Planning Notes for Sales Fcst Qty'. Below the main table, there's a section for 'Planning Notes (0)' with a table header including 'Planning Note', 'Value', 'Changed On/At', 'Changed By', 'Filter', and 'Time Period'. A message below this header says 'Select a data point on the chart to display planning notes.' On the right side, there's a sidebar with 'Basic Settings' including fields for Name, Description, Planning Area, Key Figures, Group By, Planning Notes, Target Currency, and Target UoM.

Product Family	Quarter	Consensus Demand Plan Qty (PC)	Planning Notes for Consensus Demand Plan Qty	Sales Fcst Qty (PC)	Planning Notes for Sales Fcst Qty
FAMILY 100-HEADPHONES	Q3 2019	9,023.0		8,968.5	
FAMILY 100-HEADPHONES	Q4 2019	29,959.5		28,151.0	
FAMILY 100-HEADPHONES	Q1 2020	104,187.0		77,705.0	
FAMILY 100-HEADPHONES	Q2 2020	74,736.9		15,839.0	
FAMILY 100-HEADPHONES	Q3 2020	18,835.0		19,143.0	

Planning Note	Value	Changed On/At	Changed By	Filter	Time Period
Select a data point on the chart to display planning notes.					

Basic Settings

- Name: Planning Notes- Webinar March 2021
- Description: Planning notes test
- Planning Area: MON1UNI
- Key Figures: Consensus Demand Plan Qty, Sales Fcst Qty
- Group By: Product Family, Quarter
- Planning Notes: Show for All Levels
- Target Currency: USD
- Target UoM: PC

Planning Workspace App

Pramod Mane & Raghav Jandhyala



SAP Planning Workspace

Digital workplace experience solution for Planners

Lab Release IBP 2105
Planned GA IBP 2108



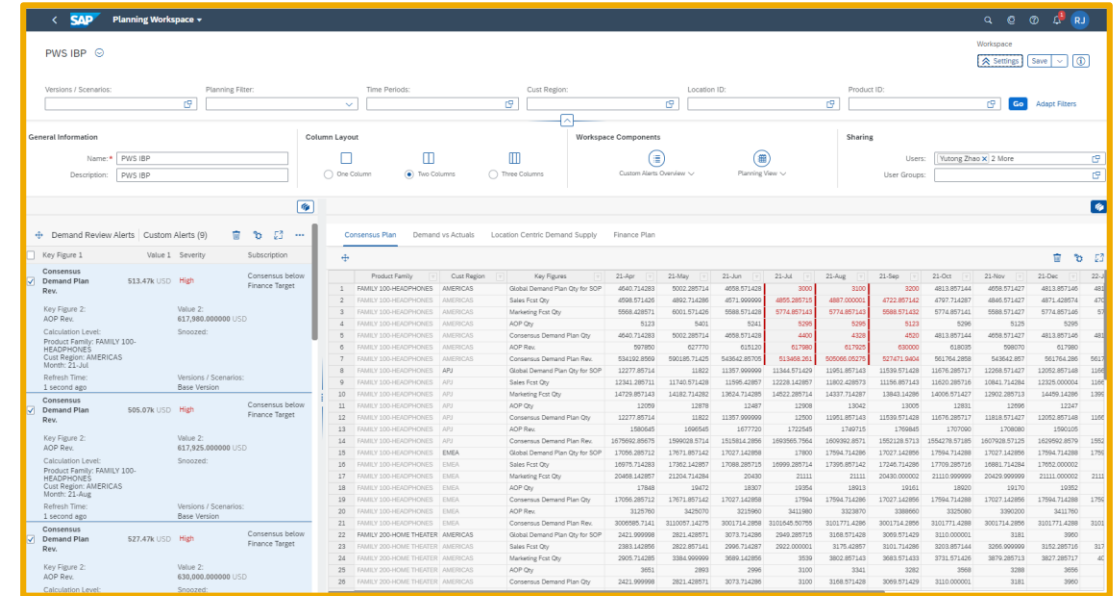
Personalized



Engaging



Unified



SAP Planning Workspace provides a personalized, intuitive digital **workplace experience** with easy access to relevant planning information – **with Planner at the front and center**

Value of SAP Planning Workspace

Digital workplace experience solution for a Planner

Lab Release IBP 2105
Planned GA IBP 2108

- ✓ One consistent UI to plan, analyze and resolve supply chain issues from a unified workspace
- ✓ Support different business scenarios with highly configurable features
- ✓ High level of personalization for planner-specific working styles
- ✓ Faster time to productivity

The screenshot displays the SAP Planning Workspace interface. At the top, there's a navigation bar with the SAP logo and 'Planning Workspace' dropdown. Below it, a 'PWS Overall' status bar shows 'Data' and 'Workspace' tabs with buttons for 'Refresh', 'Simulate', 'Save', 'Settings', and 'Save'. A filter bar includes 'Versions / Scenarios' (Base Version), 'Planning Filter', 'Time Periods', 'Cust Region', 'Location ID', and 'Product ID', with a 'Go' button and 'Adapt Filters' link.


The main content area is divided into tabs: 'Consensus Plan' (selected), 'Demand vs Actuals', 'Location Centric Demand Supply', 'Finance Plan', and 'New Product Introduction'. The 'Consensus Plan' tab shows a table with columns for 'Product Family', 'Cust Region', 'Key Figures', and time periods from '21-Apr' to '21-Nov'. The table lists various product families like 'FAMILY 100-HEADPHONES' and 'FAMILY 200-HOME THEATER' across different regions like 'AMERICAS' and 'EMEA'. Key figures include 'AOP Rev.', 'Consensus Demand Plan Rev.', 'Global Demand Plan Qty for SOP', 'Sales Fcst Qty', 'Marketing Fcst Qty', and 'AOP Qty'.

On the left side, there's a sidebar with a 'Key Figure 1' section showing 'Value 1' and a 'Consensus Demand Plan Rev.' section showing '513.47k USD'. Below this, there's a 'Severity: High' indicator and a 'Calculation Level' section with details like 'Product Family: FAMILY 100-HEADPHONES', 'Cust Region: AMERICAS', and 'Month: 21-Jul'. A 'Subscription' section shows 'Consensus below Finance Target' and 'Snoozed:'. A 'Refresh Time' section shows '1 minute ago'. At the bottom, there's another 'Consensus Demand Plan Rev.' section showing '505.07k USD' with similar details.

Creating and Personalizing Planning Workspace

Labs Release IBP 2105
Planned GA IBP 2108

Planning Workspaces



Planning Workspaces

Workspaces (7)

Create Copy Share Opt Out Delete

	Description	Planning Area	Shared	Shared with Users	Shared with User Groups	Created On	Changed On	Favorite
<input checked="" type="radio"/>	010 Sales Forecast	010 Sales Forecast	PWSIBP1	0	0	04/08/2021	04/08/2021	<input type="checkbox"/>
<input type="radio"/>	Consensus Demand Plan	Consensus Demand Plan	IPAV2	1	0	03/18/2021	03/23/2021	
<input type="radio"/>	PWS IBP	PWS IBP	PWSIBP1	4	0	04/08/2021	04/16/2021	
<input type="radio"/>	PWS IBP tickets	PWS IBP tickets	PWSIBP1	1	1	04/15/2021	04/15/2021	
<input type="radio"/>	PWS Overall	PWS Overall	PWSIBP1	2	0	04/13/2021	04/15/2021	
<input type="radio"/>	PWS Supply Views	PWS Supply Views	PWSIBP1	1	0	04/15/2021	04/15/2021	
<input type="radio"/>	Test OWNMD	Test OWNMD	WDFSAP6E	0	0	03/25/2021		

Planning Workspaces list view

Create Planning Workspace

Name: *

PWS Demand Planning Views

Description:

PWS Demand Planning Views

Planning Area: *

PWSIBP1 (Unified Planning Area)

Save Cancel

Creating and Personalizing Planning Workspace

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The screenshot shows the SAP Planning Workspace configuration interface. At the top, the header bar includes the SAP logo, 'Planning Workspace', and navigation icons. Below the header, the main area is divided into several sections:

- Filter Bar:** A horizontal bar with fields for 'Versions / Scenarios', 'Planning Filter', 'Time Periods', 'Location ID', and 'Product ID'. A red box highlights this area, with a callout '4' pointing to the 'Time Periods' field.
- Column Layout:** A section with radio buttons for 'One Column', 'Two Columns' (selected), and 'Three Columns'. A callout '1' points to the 'Two Columns' option.
- Workspace Components:** A section with icons for 'Custom Alerts Overview' and 'Planning View'. A callout '5' points to the 'Workspace' label above the 'Settings' and 'Save' buttons.
- General Information:** Fields for 'Name' and 'Description', both set to 'PWS Demand Planning Views'.
- Sharing:** Fields for 'Users' and 'User Groups'.

Two context menus are shown:

- Custom Alerts Overview:** A menu with options 'New Alerts Overview' (highlighted with a red box and callout '2'), 'Capacity Overload Alerts', and 'Demand Review Alerts'. A yellow arrow points from this menu to the 'Column Layout' section.
- Planning View:** A menu with options 'New Planning View', 'Capacity Usage', 'Capacity Utilization', 'Components', 'Consensus Plan' (highlighted with a red box and callout '3'), and 'Customer Demand'. A yellow arrow points from this menu to the 'Workspace Components' section.

1. Select column layout
2. Drag and drop 'New Alerts Overview' component
3. Drag and drop existing 'Planning View' component
4. Define Workspace filter (filter bar)
5. Save the Planning Workspace

Planning Workspaces Configuration

Lab Release IBP 2105
Planned GA IBP 2108

Lab Release IBP 2105
Planned GA IBP 2108

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Use an existing Planning View

PWS Demand Planning Views*
Workspace

Versions / Scenarios:

Planning Filter:

Time Periods:

Location ID:

Product ID:

Go
Adapt Filters

General Information

Name: * PWS Demand Planning Views

Description: PWS Demand Planning Views

Column Layout

☐ One Column
 ☒ Two Columns
 ☐ Three Columns

Workspace Components

☒ Custom Alerts Overview
 ☐ Planning View

Sharing

Users:

User Groups:

Demand Alert ... Custom Al...

<input type="checkbox"/> Key Figure 1	Value 1
<input type="checkbox"/> Consensus Demand Plan Rev.	513.47k USD
Severity: High	
Calculation Level:	
Product Family: FAMILY 100-HEADPHONES	
Cust Region: AMERICAS	
Month: 21-Jul	
Subscription:	
Consensus below Finance Target	
Snoozed:	
Refresh Time:	
20 minutes ago	
Versions / Scenarios:	
Base Version	
<input type="checkbox"/> Consensus Demand Plan Rev.	505.07k USD
Severity: High	
Calculation Level:	

+ Consensus Plan

	Product Family	Cust Region	Key Figures	21-Apr	21-May	21-Jun
1	FAMILY 100-HEADPHONES	AMERICAS	Global Demand Plan Qty for SOP	4640.714283	5002.285714	4658.571428
2	FAMILY 100-HEADPHONES	AMERICAS	Sales Fcst Qty	4598.571426	4892.714286	4571.999999
3	FAMILY 100-HEADPHONES	AMERICAS	Marketing Fcst Qty	5568.428571	6001.571426	5588.571428
4	FAMILY 100-HEADPHONES	AMERICAS	AOP Qty	5123	5401	5241
5	FAMILY 100-HEADPHONES	AMERICAS	Consensus Demand Plan Qty	4640.714283	5002.285714	4658.571428
6	FAMILY 100-HEADPHONES	AMERICAS	AOP Rev.	597850	627770	615120
7	FAMILY 100-HEADPHONES	AMERICAS	Consensus Demand Plan Rev.	534192.8569	590185.71425	543642.85705
8	FAMILY 100-HEADPHONES	APJ	Global Demand Plan Qty for SOP	12277.85714	11822	11357.999999
9	FAMILY 100-HEADPHONES	APJ	Sales Fcst Qty	12341.285711	11740.571428	11595.42857
10	FAMILY 100-HEADPHONES	APJ	Marketing Fcst Qty	14729.857143	14182.714282	13624.714285
11	FAMILY 100-HEADPHONES	APJ	AOP Qty	12059	12878	12487
12	FAMILY 100-HEADPHONES	APJ	Consensus Demand Plan Qty	12277.85714	11822	11357.999999
13	FAMILY 100-HEADPHONES	APJ	AOP Rev.	1580645	1696545	1677720
14	FAMILY 100-HEADPHONES	APJ	Consensus Demand Plan Rev.	1675692.85675	1599028.5714	1515814.2856
15	FAMILY 100-HEADPHONES	EMEA	Global Demand Plan Qty for SOP	17056.285712	17671.857142	17027.142858
16	FAMILY 100-HEADPHONES	EMEA	Sales Fcst Qty	16975.714283	17362.142857	17088.285715
17	FAMILY 100-HEADPHONES	EMEA	Marketing Fcst Qty	20468.142857	21204.714284	20430
18	FAMILY 100-HEADPHONES	EMEA	AOP Qty	17848	19472	18307
19	FAMILY 100-HEADPHONES	EMEA	Consensus Demand Plan Qty	17056.285712	17671.857142	17027.142858
20	FAMILY 100-HEADPHONES	EMEA	AOP Rev.	3125760	3425070	3215960
21	FAMILY 100-HEADPHONES	EMEA	Consensus Demand Plan Rev.	3006585.7141	3110057.14275	3001714.2858
22	FAMILY 200-HOME THEATER	AMERICAS	Global Demand Plan Qty for SOP	2421.999999	2821.428571	2072.714286

Planning View

Apply

Planning View: Consensus Plan

Name: * Consensus Plan

Description: PWS IBP

Filter Mode: * Apply Workspace Filters

Versions / Scenarios: * Base Version x

Time Periods: * 21-Apr - 22-Mar x

Attributes

ID	Description
PRDFAMILY	Product Family
CUSTREGION	Cust Region

Creating and Personalizing Planning Workspace

Lab Release IBP 2105
Planned GA IBP 2108

Column Layout

One Column

Two Columns

Three Columns

Workspace Components

Custom Alerts Overview

Planning View

Sharing

Users:

User Groups:

View Toggle

Stacked view

Consensus Plan

	Product Family	Cust Region	Key Figures	21-Apr	21-May	21-Jun	21-Jul	21-Aug	21-Sep	21-Oct	21-Nov
1	FAMILY 100-HEADPHONES	AMERICAS	Global Demand Plan Qty for SOP	4640.714283	5002.285714	4658.571428	3000	3100	3200	4813.857144	4658
2	FAMILY 100-HEADPHONES	AMERICAS	Sales Fcst Qty	4598.571426	4892.714286	4571.999999	4855.285715	4887.000001	4722.857142	4797.714287	4846
3	FAMILY 100-HEADPHONES	AMERICAS	Marketing Fcst Qty	5568.428571	6001.571426	5588.571428	5774.857143	5774.857143	5588.571432	5774.857141	5588
4	FAMILY 100-HEADPHONES	AMERICAS	AOP Qty	5123	5401	5241	5295	5295	5123	5296	
5	FAMILY 100-HEADPHONES	AMERICAS	Consensus Demand Plan Qty	4640.714283	5002.285714	4658.571428	4400	4328	4520	4813.857144	4658
6	FAMILY 100-HEADPHONES	AMERICAS	AOP Rev.	597850	627770	615120	617980	617925	630000	618035	
7	FAMILY 100-HEADPHONES	AMERICAS	Consensus Demand Plan Rev.	534192.8569	590185.71425	543642.85705	513468.261	505066.05275	527471.9404	561764.2858	543
8	FAMILY 100-HEADPHONES	APJ	Global Demand Plan Qty for SOP	12277.85714	11822	11357.999999	11344.571429	11951.857143	11539.571428	11676.285717	12268

Demand vs Actuals

	Product Family	Cust Region	Market Segment	Key Figures	21-Apr	21-May	21-Jun	21-Jul	21-Aug	21-Sep
1	FAMILY 100-HEADPHONES	AMERICAS	17100	Actuals Qty Prior Yr	4516.000001	4985.857141	4495.428573	4524.142857	4559	4906.428569
2	FAMILY 100-HEADPHONES	AMERICAS	17100	Consensus Demand	4078.999999	5002.285714	4658.571428	4813.857143	4813.857143	4658.571429
3	FAMILY 100-HEADPHONES	AMERICAS	17100	Demand Planning Qty	3983.717329	4548.417914	4333.424541	4706.556617	4106.696373	4688.003859
4	FAMILY 100-HEADPHONES	AMERICAS	17100	Marketing Fcst Qty	5568.428571	6001.571426	5588.571428	5774.857143	5774.857143	5588.571432
5	FAMILY 100-HEADPHONES	AMERICAS	17100	Marketing Fcst Rev.	640921.4285	708178.5712	652285.71425	674028.57145	674028.57145	652285.7146
6	FAMILY 100-HEADPHONES	AMERICAS	17100	Sales Fcst Qty	4598.571426	4892.714286	4571.999999	4855.285715	4887.000001	4722.857142
7	FAMILY 100-HEADPHONES	AMERICAS	17100	Sales Fcst Rev.	531278.57115	576750.00005	529699.9999	563342.8572	574192.8573	548285.7142
8	FAMILY 100-HEADPHONES	AMERICAS	17100	Global Demand Plan Qty for SOP	4640.714283	5002.285714	4658.571428	3000	3100	3200

Column Layout

One Column

Two Columns

Three Columns

Workspace Components

Custom Alerts Overview

Planning View

Sharing

Users:

User Groups:

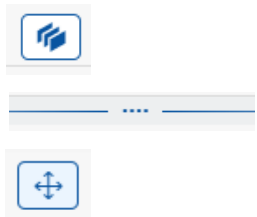
Tabbed view

Consensus Plan Demand vs Actuals

	Product Family	Cust Region	Key Figures	21-Apr	21-May	21-Jun	21-Jul	21-Aug	21-Sep	21-Oct
1	FAMILY 100-HEADPHONES	AMERICAS	Global Demand Plan Qty for SOP	4640.714283	5002.285714	4658.571428	3000	3100	3200	4813.857144
2	FAMILY 100-HEADPHONES	AMERICAS	Sales Fcst Qty	4598.571426	4892.714286	4571.999999	4855.285715	4887.000001	4722.857142	4797.714287
3	FAMILY 100-HEADPHONES	AMERICAS	Marketing Fcst Qty	5568.428571	6001.571426	5588.571428	5774.857143	5774.857143	5588.571432	5774.857141
4	FAMILY 100-HEADPHONES	AMERICAS	AOP Qty	5123	5401	5241	5295	5295	5123	5296
5	FAMILY 100-HEADPHONES	AMERICAS	Consensus Demand Plan Qty	4640.714283	5002.285714	4658.571428	4400	4328	4520	4813.857144
6	FAMILY 100-HEADPHONES	AMERICAS	AOP Rev.	597850	627770	615120	617980	617925	630000	618035
7	FAMILY 100-HEADPHONES	AMERICAS	Consensus Demand Plan Rev.	534192.8569	590185.71425	543642.85705	513468.261	505066.05275	527471.9404	561764.2858
8	FAMILY 100-HEADPHONES	APJ	Global Demand Plan Qty for SOP	12277.85714	11822	11357.999999	11344.571429	11951.857143	11539.571428	11676.285717
9	FAMILY 100-HEADPHONES	APJ	Sales Fcst Qty	12341.285711	11740.571428	11595.42857	12228.142857	11802.428573	11156.857143	11620.285716
10	FAMILY 100-HEADPHONES	APJ	Marketing Fcst Qty	14729.857143	14182.714282	13624.714285	14522.285714	14337.714287	13843.14286	14006.571427
11	FAMILY 100-HEADPHONES	APJ	AOP Qty	12059	12878	12908	13042	13005	12831	
12	FAMILY 100-HEADPHONES	APJ	Consensus Demand Plan Qty	12277.85714	11822	11357.999999	12500	11951.857143	11539.571428	11676.285717
13	FAMILY 100-HEADPHONES	APJ	AOP Rev.	1580645	1696545	1677720	1722545	1749715	1769845	1707090
14	FAMILY 100-HEADPHONES	APJ	Consensus Demand Plan Rev.	1675692.85675	1599028.5714	1515814.2856	1693565.7564	1609392.8571	1552128.5713	1554278.57185
15	FAMILY 100-HEADPHONES	EMEA	Global Demand Plan Qty for SOP	17056.285712	17671.857142	17027.142858	17800	17594.714286	17027.142856	17594.714288
16	FAMILY 100-HEADPHONES	EMEA	Sales Fcst Qty	16975.714283	17362.142857	17088.285715	16999.285714	17395.857142	17246.714286	17709.285716
17	FAMILY 100-HEADPHONES	EMEA	Marketing Fcst Qty	20468.142857	21204.714284	20430	21111	20430.000002	21110.999999	
18	FAMILY 100-HEADPHONES	EMEA	AOP Qty	17848	19472	18307	19354	18913	19161	18920
19	FAMILY 100-HEADPHONES	EMEA	Consensus Demand Plan Qty	17056.285712	17671.857142	17027.142858	17594	17594.714286	17027.142856	17594.714288

Personalization features

- Stacked vs Tabbed view
- Re-size components
- Re-order/move components



Planning Workspace Favorites

SAP Planning Workspace

PWS Demand Planning Views

Versions / Scenarios:

Demand Alert Monitor

Key Figure 1

Month: 21-Aug

My Favorites

Consensus Demand Plan

PWS Demand Planning Views

PWS IBP

PWS Overall

PWS Supply Views

PWS Global and Component Filters Interactivity

Apply Workspace Filters

The screenshot shows the SAP Planning Workspace interface. The 'Cust Region' filter is set to 'AMERICAS x EMEA x'. The 'Filter Mode' dropdown is set to 'Apply Workspace Filters'. The 'Filter Settings' section shows 'Ad hoc Filters: [Brand(s) x]'. The main table displays data for various product families and regions, with columns for 'Product Family', 'Cust Region', and 'Key Figures'.

Ignore Workspace Filters

The screenshot shows the SAP Planning Workspace interface. The 'Cust Region' filter is set to 'AMERICAS x EMEA x'. The 'Filter Mode' dropdown is set to 'Ignore Workspace filters'. The 'Filter Settings' section shows 'Ad hoc Filters: [Category(1) x]'. The main table displays data for various product families and regions, with columns for 'Brand', 'Channel', 'Customer Group', 'Version', and 'Key Figures'.

Workspace Filter

Component Filter

Applied Filter

Cust Region: AMERICAS, EMEA

Brand: BRND100

Cust Region: AMERICAS, EMEA
Brand: BRND100

Workspace Filter

Component Filter

Applied Filter

Cust Region: AMERICAS, EMEA

Version: Base, Upside
Category : C100

Version: Base, Upside
Category : C100

Alerts Highlighting in Planning Views

- Selected Alerts are highlighted in the matching cells in the Planning Views
- Snaps focus to the first highlighted alert in the planning view cell
- Color highlighting in Planning View cells based on Alert severity.

SAP Planning Workspace

PWS IBP

Versions / Scenarios: Planning Filter: Time Periods: Cust Region: Location ID: Product ID:

Demand Review Alerts Custom Alerts (9)

Key Figure 1	Value 1	Severity	Subscription
<input checked="" type="checkbox"/> Consensus Demand Plan Rev.	513.47k USD	High	Consensus below Finance Target
Key Figure 2: AOP Rev.	Value 2: 617,980.000000 USD		
Calculation Level: Product Family: FAMILY 100-HEADPHONES Cust Region: AMERICAS Month: 21-Jul	Snoozed:		
Refresh Time: 1 minute ago	Versions / Scenarios: Base Version		
<input checked="" type="checkbox"/> Consensus Demand Plan Rev.	505.07k USD	High	Consensus below Finance Target
Key Figure 2: AOP Rev.	Value 2: 617,925.000000 USD		
Calculation Level: Product Family: FAMILY 100-HEADPHONES Cust Region: AMERICAS Month: 21-Aug	Snoozed:		
Refresh Time: 1 minute ago	Versions / Scenarios: Base Version		
<input checked="" type="checkbox"/> Consensus Demand Plan Rev.	527.47k USD	High	Consensus below Finance Target
Key Figure 2: AOP Rev.	Value 2: 630,000.000000 USD		
Calculation Level: Product Family: FAMILY 100-HEADPHONES Cust Region: AMERICAS Month: 21-Sep	Snoozed:		

	Product Family	Cust Region	Key Figures	21-Apr	21-May	21-Jun	21-Jul	21-Aug	21-Sep	21-Oct
6	FAMILY 100-HEADPHONES	AMERICAS	AOP Rev.	597850	627770	615120	617980	617925	630000	
7	FAMILY 100-HEADPHONES	AMERICAS	Consensus Demand Plan Rev.	534192.8509	590185.71425	543642.8705	513468.261	505066.05275	527471.9404	561
8	FAMILY 100-HEADPHONES	APJ	Global Demand Plan Qty for SOP	12277.85714	11822	11357.999999	11344.571429	11951.857143	11539.571428	1167
9	FAMILY 100-HEADPHONES	APJ	Sales Fcst Qty	12341.285711	11740.571428	11595.42857	12228.142857	11802.428573	11156.857143	1162
10	FAMILY 100-HEADPHONES	APJ	Marketing Fcst Qty	14729.857143	14182.714282	13624.714285	14522.285714	14337.714287	13843.14286	1400
11	FAMILY 100-HEADPHONES	APJ	AOP Qty	12059	12878	12487	12908	13042	13005	
12	FAMILY 100-HEADPHONES	APJ	Consensus Demand Plan Qty	12277.85714	11822	11357.999999	12500	11951.857143	11539.571428	1167
13	FAMILY 100-HEADPHONES	APJ	AOP Rev.	1580645	1696545	1677720	1722545	1749715	1769845	
14	FAMILY 100-HEADPHONES	APJ	Consensus Demand Plan Rev.	1675692.85675	1599028.5714	1515814.2856	1693965.7564	1609392.8571	1552128.5713	15542
15	FAMILY 100-HEADPHONES	EMEA	Global Demand Plan Qty for SOP	17056.285712	17671.857142	17027.142858	17800	17594.714286	17027.142856	1759
16	FAMILY 100-HEADPHONES	EMEA	Sales Fcst Qty	16975.714283	17362.142857	17088.285715	16999.285714	17395.857142	17246.714286	1770
17	FAMILY 100-HEADPHONES	EMEA	Marketing Fcst Qty	20468.142857	21204.714284	20430	21111	21111	20430.000002	2111
18	FAMILY 100-HEADPHONES	EMEA	AOP Qty	17848	19472	18307	19354	18913	19161	
19	FAMILY 100-HEADPHONES	EMEA	Consensus Demand Plan Qty	17056.285712	17671.857142	17027.142858	17594	17594.714286	17027.142856	1759
20	FAMILY 100-HEADPHONES	EMEA	AOP Rev.	3125760	3425070	3215960	3411980	3323870	3388660	
21	FAMILY 100-HEADPHONES	EMEA	Consensus Demand Plan Rev.	3006585.7141	3110057.14275	3001714.2858	3101645.50755	3101771.4286	3001714.2856	3101
22	FAMILY 200-HOME THEATER	AMERICAS	Global Demand Plan Qty for SOP	2421.999998	2821.428571	3073.714286	2949.285715	3168.571428	3069.571429	311
23	FAMILY 200-HOME THEATER	AMERICAS	Sales Fcst Qty	2383.142856	2822.857141	2996.714287	2922.000001	3175.42857	3101.714286	320
24	FAMILY 200-HOME THEATER	AMERICAS	Marketing Fcst Qty	2905.714285	3384.999999	3689.142856	3539	3802.857143	3683.571433	373
25	FAMILY 200-HOME THEATER	AMERICAS	AOP Qty	3651	2893	2996	3100	3341	3282	
26	FAMILY 200-HOME THEATER	AMERICAS	Consensus Demand Plan Qty	2421.999998	2821.428571	3073.714286	3100	3168.571428	3069.571429	311
27	FAMILY 200-HOME THEATER	AMERICAS	AOP Rev.	850000	981200	995390	1050000	1123320	1106710	
28	FAMILY 200-HOME THEATER	AMERICAS	Consensus Demand Plan Rev.	818628.5708	942971.4284	1042200.0002	1036581.7388	1073899.9998	1040542.8572	1050
29	FAMILY 200-HOME THEATER	APJ	Global Demand Plan Qty for SOP	3276.285712	3707.285714	3732.428571	3699	3848.857143	3722.571429	385
30	FAMILY 200-HOME THEATER	APJ	Sales Fcst Qty	3277.714284	3829.571428	3750.571429	3736.571429	3913	3791.571429	399
31	FAMILY 200-HOME THEATER	APJ	Marketing Fcst Qty	3931.857142	4450.285711	4480.000001	4439.857142	4619.285715	4468.285717	463
32	FAMILY 200-HOME THEATER	APJ	AOP Qty	4318	3922	3934	4209	4118	4055	
33	FAMILY 200-HOME THEATER	APJ	Consensus Demand Plan Qty	3276.285712	3707.285714	3732.428571	3699	3848.857143	3722.571429	385
34	FAMILY 200-HOME THEATER	APJ	AOP Rev.	1247620	1080530	1084820	1185910	1152470	1142130	
35	FAMILY 200-HOME THEATER	APJ	Consensus Demand Plan Rev.	918428.5707	1016514.2856	1052985.7141	1030600	1088757.1429	1053171.4287	1092

Simulate, Save and Refresh data

- Simulate and Save Key Figure value changes.
- Alert Component shows simulated alerts based on the simulated data
- Only one Planning View can be simulated at a time.
- User can make multiple simulations across multiple planning views and save changes
- Refresh reloads data across all PWS components

The screenshot displays the SAP Planning Workspace interface. At the top, there's a header bar with the SAP logo and 'Planning Workspace'. Below this, a navigation bar includes 'PWS IBP Demo*' and a 'Data in Simulation' dropdown menu with 'Refresh', 'Simulate', and 'Save' buttons. A 'Workspace' section contains 'Show Settings', 'Save', and an information icon.

Below the navigation bar, there are filters for 'Versions / Scenarios', 'Planning Filter', 'Time Periods', 'Cust Region', 'Location ID', and 'Product ID'. A 'Go' button and 'Adapt Filters' link are also present.

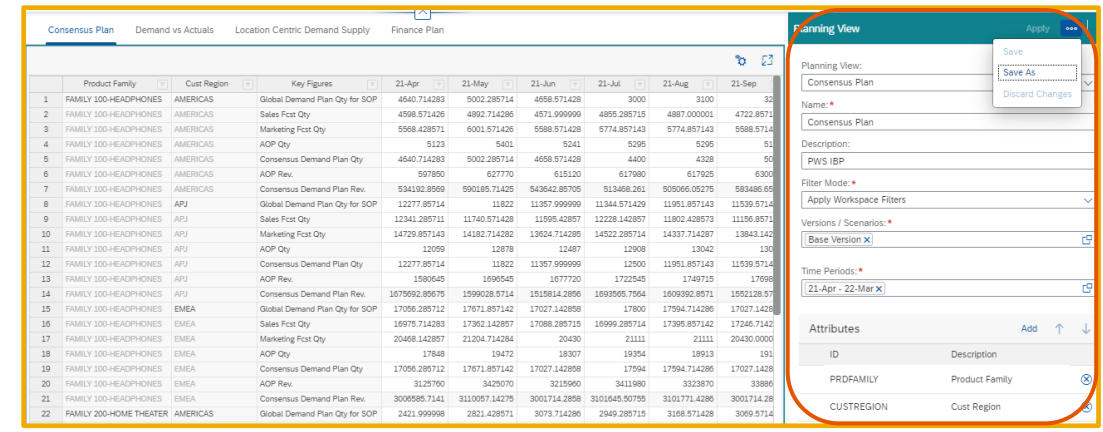
The main content area is divided into two panels. The left panel, titled 'Demand Review Alerts Custom Alerts (8)', shows a list of alerts. One alert is highlighted with an orange box: 'Consensus Demand Plan Rev.' with a value of 513.47k USD. The alert details include 'Severity: High', 'Calculation Level: Consensus below Finance Target', 'Product Family: FAMILY 100-HEADPHONES', 'Cust Region: AMERICAS', and 'Month: 21-Jul'.

The right panel displays a table with columns for 'Product Family', 'Cust Region', 'Key Figures', and various time periods (21-Apr, 21-May, 21-Jun, 21-Jul, 21-Aug, 21-Sep, 21-Oct). The table contains data for 'FAMILY 100-HEADPHONES' across different regions (AMERICAS, APJ, EMEA) and key figures (Global Demand Plan Qty for SOP, Sales Fcst Qty, Marketing Fcst Qty, AOP Qty, Consensus Demand Plan Qty, AOP Rev, Consensus Demand Plan Rev). A red box highlights the '21-Aug' column for the 'Consensus Demand Plan Rev' row, showing a value of 61.7925.

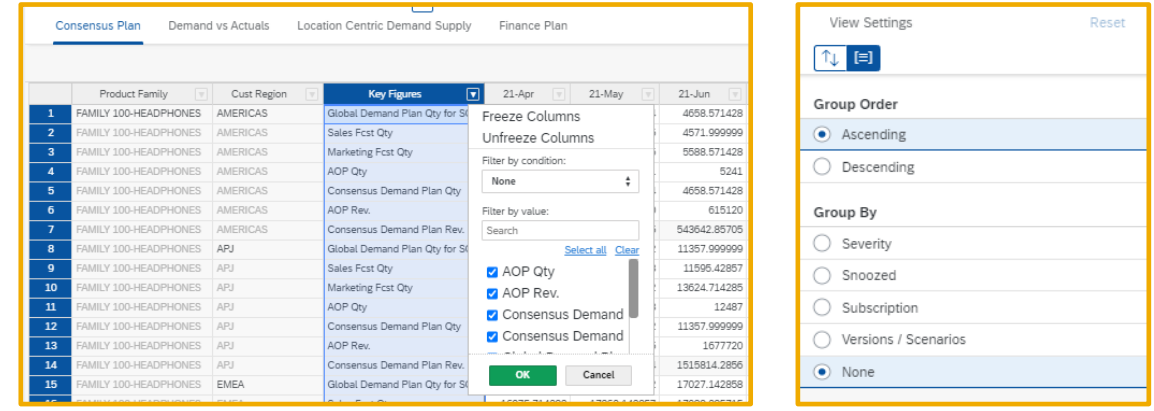
At the bottom, there's a 'Data' section with 'Refresh', 'Simulate', and 'Save' buttons. A dropdown menu for 'Refresh' shows options for 'Refresh' and 'Reload Metadata'.

Other Planning Workspace Features

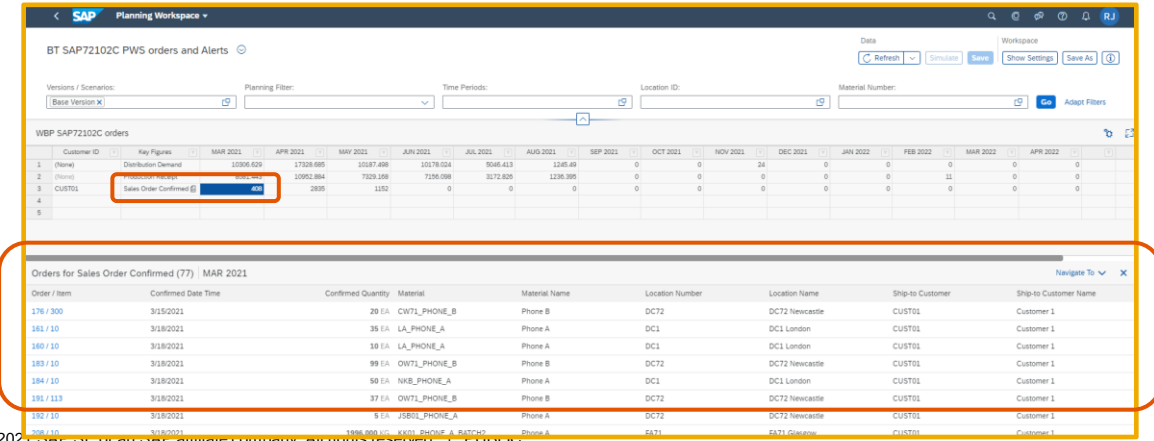
Flexible Side Panel Layout for Component settings - drill down, filters, subscriptions, save/save-as components



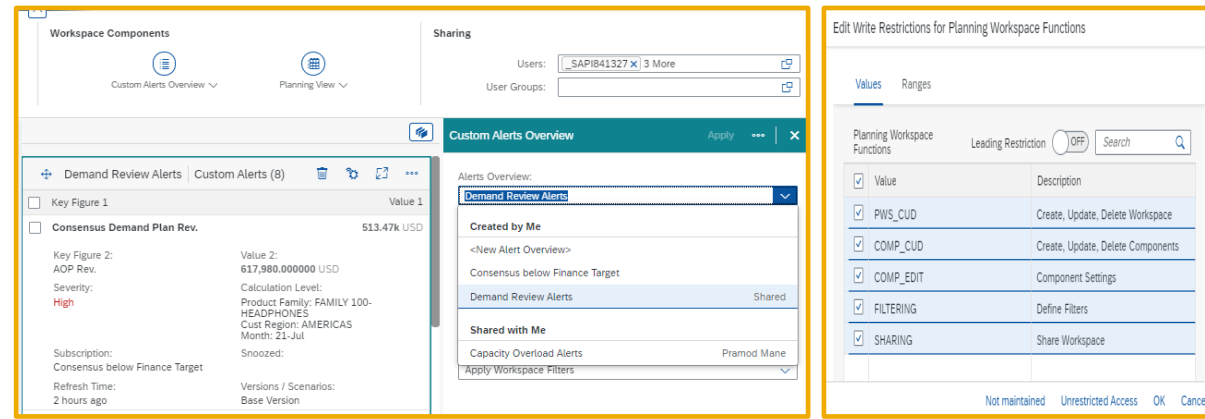
Flexible Grid Capabilities: Freeze columns, column filtering, Display Cell Fixing, full-screen mode, sort and group in Alert Component.

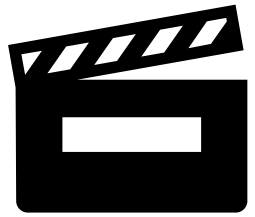


Order Visibility for Order-based key figures and **Contextual Navigation**



Sharing and Authorizations for different planner profiles

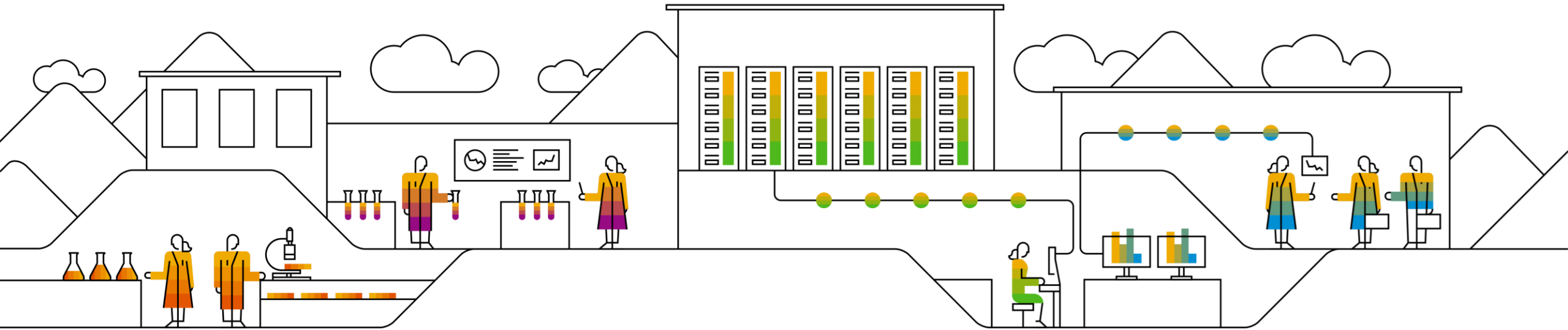




System Demo

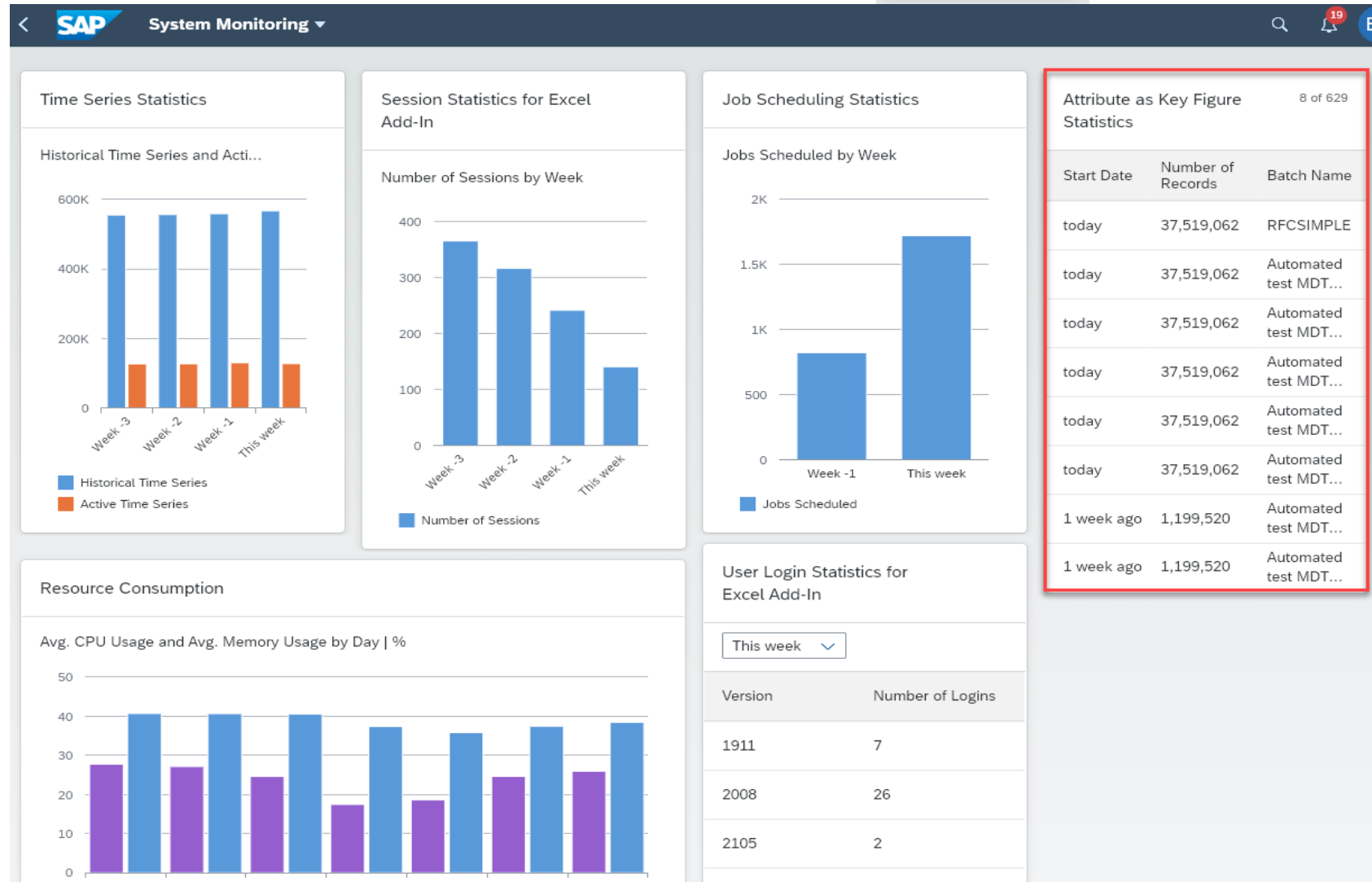
Attributes As Key Figures Statistics

Evelyna Holban



Attribute As Key Figures Statistics

- New Card in System Monitoring
- Top 8 uploads for attributes as key figures in the last 7 days
- System Monitoring Business catalog:
SAP_IBP_BC_SYSMON_PC



Attribute As Key Figures Statistics

- Number of records created or updated loading attribute as key figures
- Criticality Color Coding
 - **Red** $\geq 100\%$ of the System limit - normalized systems
 - **Orange** $> 80\%$ of the System limit
- Uploads from the last 7 days
- Filter by: Nr of Records, Planning Area, Attribute

Recommendation for Normalized Systems:

- Keep the records created or changed in one run small
- Note [2986360](#)

SAP Attribute as Key Figure Statistics

Standard

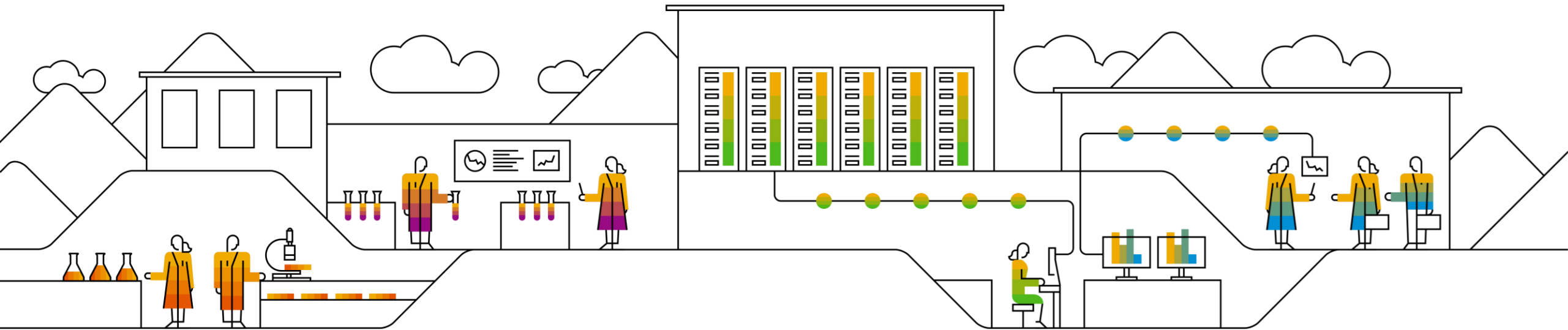
Search Start Date and Time: Number of Records: Planning Area: Attribute: Submitted By: Adapt Filters Go

Uploads (1,231) Show Details

Start Date and...	Batch Name	Number of Re...	Planning Area	Attribute	Attribute Name
04/06/2021, 14:52:48	RFCSIMPLE	37,519,062	WEBRFC	RFCDECIMAL	RFCDECIMAL
04/06/2021, 14:15:27	Automated test MDT upload: RFCSIMPLE	37,519,062	WEBRFC	RFCDECIMAL	RFCDECIMAL
04/06/2021, 14:15:07	Automated test MDT upload: RFCSIMPLE	37,519,062	WEBRFC	RFCDECIMAL	RFCDECIMAL
04/06/2021, 14:14:47	Automated test MDT upload: RFCSIMPLE	37,519,062	WEBRFC	RFCDECIMAL	RFCDECIMAL
04/06/2021, 14:14:28	Automated test MDT upload: RFCSIMPLE	37,519,062	WEBRFC	RFCDECIMAL	RFCDECIMAL
04/06/2021, 14:14:07	Automated test MDT upload: RFCSIMPLE	37,519,062	WEBRFC	RFCDECIMAL	RFCDECIMAL
03/30/2021, 13:45:48	Automated test MDT upload: AZMEXCHANGERATE	1,199,520	AAKFLIMZM	EXCHANGERATE	Exchange rate
03/30/2021, 13:45:41	Automated test MDT upload: AZMEXCHANGERATE	1,199,520	AAKFLIMZM	EXCHANGERATE	Exchange rate
04/06/2021, 13:45:04	Automated test MDT upload: AZMEXCHANGERATE	1,185,240	AAKFLIMZM	EXCHANGERATE	Exchange rate
04/06/2021, 13:44:40	Automated test MDT upload: AZMEXCHANGERATE	1,185,240	AAKFLIMZM	EXCHANGERATE	Exchange rate
04/05/2021, 16:06:21	Automated test MDT upload: RLGLLOCATIONPRODUCT	29,484	AUNITRLG01	PBR	Periods Between Replenishment

Application Job Templates enhanced authorization

Evelyna Holban



New Application Job Template Business Catalog

- Business catalog: **SAP_CORE_BC_APJ_TPL** - Application Job Management - Application Job Templates
- Administrator usage
- Grants access to display/maintain/delete private job templates of other users
- Restriction Type – Application Job Template Layer**
 - Layer 3 – can maintain shared and own private templates
 - Layer 4 - can maintain shared, own and other users private templates

Application Job Management - Application Job Templates
SAP_CORE_BC_APJ_TPL

Changed On: 03/22/2021, 05:46:24
Read Only: No

General	Applications (1)	<u>Restriction Types (1)</u>	Dependencies (0)	Successors (0)	Used In Business Roles (3)	Used In Business Role Templates (1)
Restriction Types (1)						
Restriction Type	Write	Read	Value Help	Restriction Type Status	Field Name	Field Description
Application Job Template Layer	✓	✓			LAYER_C	Application Job Template Layer

< **SAP** Maintain Business Roles 20 **EH**

APJ_TPL Manage Changes After Upgrade Hide Unrestricted

APJ_TPL

Write Access: Restricted Draft Last Changed By: Editing Status: Draft
Read Access: Unrestricted Draft Last Changed On: 03/31/2021, 09:36:23
Value Help Access: Unrestricted

Write, Read, Value Help Read, Value Help Value Help

Write, Read, Value Help Restricted Display Hidden Restrictions Add ...

☐ Restrictions and Values

General Not maintained

☐ Application on Job Template Layer

Edit Write Restrictions for Application Job Template Layer

Values Ranges

Application Job Template Layer Leading Restriction OFF Se

<input type="checkbox"/>	Value	Description
<input type="checkbox"/>	3	Shared
<input type="checkbox"/>	4	Private

Application Job Templates Catalogs

NEW : SAP_CORE_BC_APJ_TPL

- Targeted for Administrators
- Grants access to display/maintain/delete shared and private job templates of other users

Maintain Application Job Templates ▾

Standard* ▾ Hide Filter Bar Filters (2)

Job Template Name: 5 Items Steps: Layer Code: Created By: *IBP*

Job Templates (5) Standard* ▾ Create Edit Delete

Job Template	Steps	Layer Code	Created By
2STEPS	2	Private	Example Demand Planner (IBP)
COPY_SCM	2	Shared	Example Demand Planner (IBP)
DEMO_PRIVATE	3	Private	Example Demand Planner (IBP)
INV	1	Shared	Example Inventory Planner (IBP)
PRIVATE_INVENTORY	2	Private	Example Inventory Planner (IBP)

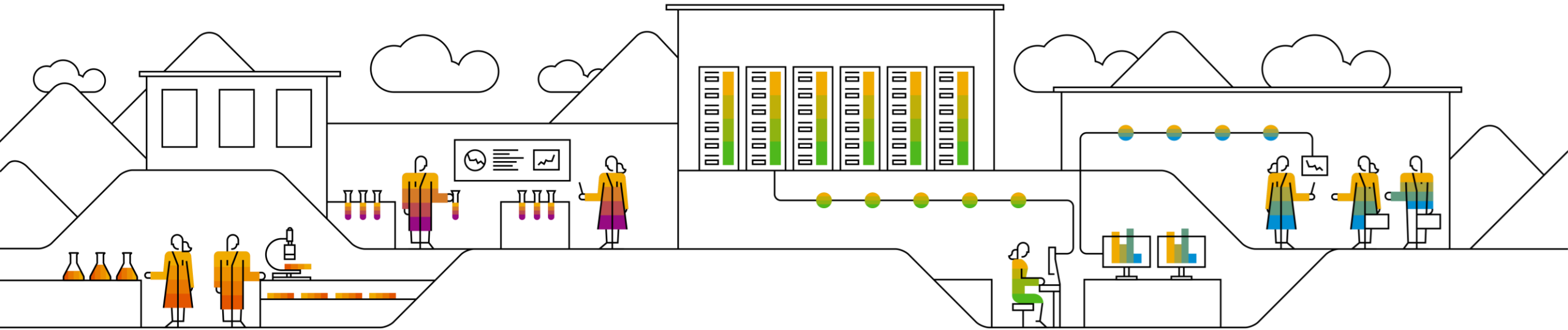
OLD: IBP catalog: SAP_IBP_BC_APPJOBTEMPLATE_PC

Remains unchanged

- Targeted for Planners
- Grants access to display/maintain/delete only shared and own private templates
- No restriction type exposed

Manage Editability Horizons for Key Figures (Functional only on Normalized Systems)

Evelyna Holban



Editability Horizons for Key Figures

Requirement: [Customer Influence 52084](#) (69 Votes)

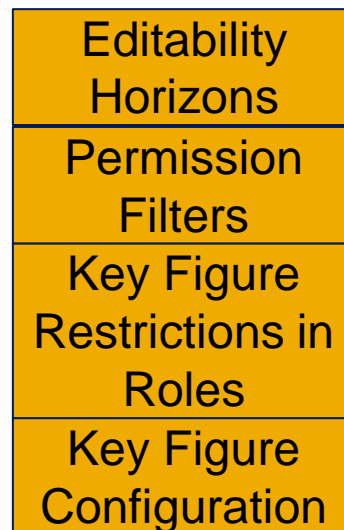
- Define Key figure specific frozen horizons to block editing of key figures
- Short Term Plan can only be edited for the first 3 periods starting from Current Period
Mid-Long Term should be allowed to be edited only after first 3 periods

Attribute permissions
Key Figures Restrictions
Editability Horizons NEW!

Product	Country	Key Figure	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
P1	CN1	Short term Plan	100	100	100						
	CN2	Mid-Long Term Plan	200	200	200	200	200	200	200	200	200

Permission Filters

**Key Figures
Editability Checks**



Manage Editability Horizons for Key Figures

- Editability Horizons define restricted time windows in which a set of key figures can be modified.
- Editability horizons are assigned to users via business roles
- Business catalog : **SAP_IBP_BC_KFEH_PC** -Manage Editability Horizons for Key Figures
- Create, modify, copy editability horizons
- Filter based on:
 - Status
 - Key Figures
 - Assigned to user (via business roles)
 - Assigned to business roles

Manage Editability Horizons for Key Figures



SAP Manage Editability Horizons for Key Figures

Standard*

Search Planning Area: Key Figure: Created By: Assigned to User: Assigned to Business Role:

Adapt Filters

Name	ID	Description	Planning Area	Status	Key Figures	Assigned to User	Assigned to Business Role
Planning Area: WDFSAP6EN							
Copy of Copy of IT_COPY_MH_DYN_CONSENSUS_01	COPY_OF_COPY_OF_IT_COPY_OF_MH_DYN_CONSENSUS_01	Dynamic horizon for CONSENSUSDEMAND	WDFSAP6EN	In Progress	1	0	0 >
Copy of IT_COPY_MH_DYN_CONSENSUS_01	COPY_OF_IT_COPY_OF_MH_DYN_CONSENSUS_02	Dynamic horizon for CONSENSUSDEMAND	WDFSAP6EN	In Progress	1	0	0 >
Copy of TEST2Copy of MH_DYN_CONSENSUS_01	COPY_OF_TEST2COPY_OF_MH_DYN_CONSENSUS_01	Left open horizon	WDFSAP6EN	Ready	1	0	0 >
IT_COPY_MH_DYN_CONSENSUS_01	IT_COPY_OF_MH_DYN_CONSENSUS_02	Dynamic horizon for CONSENSUSDEMAND	WDFSAP6EN	Ready	1	0	0 >
Copy of MH_DYN_CONSENSUS_0888	IT_COPY_OF_MH_DYN_CONSENSUS_0888	Left open horizon	WDFSAP6EN	Ready	1	0	0 >
MH_DYN_CONSENSUS_01	MH_DYN_CONSENSUS_01	Left open horizon	WDFSAP6EN	Ready	1	1	1 >
MH_DYN_CONSENSUS_02	MH_DYN_CONSENSUS_02	Complement of MH_DYN_CONSENSUS_02	WDFSAP6EN	Ready	1	0	0 >
Test EHKF	Test_Andre		WDFSAP6EN	Ready	1	0	0 >
TEST2Copy of MH_DYN_CONSENSUS_01	TEST2COPY_OF_MH_DYN_CONSENSUS_01	Left open horizon	WDFSAP6EN	Ready	1	0	0 >
Planning Area: WDFSAP6LAN							
MH_ACTUALSREV_01	MH_ACTUALSREV_01	Revenue restricted in past	WDFSAP6LAN	Ready	1	1	1 >
MH_UNRESTRICTED	MH_UNRESTRICTED	Unrestricted for other key figures	WDFSAP6LAN	Ready	2	1	1 >

Define Editability Horizons for Key Figures

- Planning Area Dependent
- **Status:**
 - In Progress – Editability horizon not finished, not considered by the system
 - Ready – Editability horizon considered by the system
- **Key Figures:** active, stored and editable
- **Horizon:** Restricted or Unrestricted . Unrestricted grants editability for all time levels in the period ranges defined in the planning area planning horizons
- **Time Period:** Time level from the time profile of the planning area

SAP Editability Horizon for Key Figures

First 3 months
Fixed_0_3

General Information Key Figures (3) Horizon

ID: *
Fixed_0_3

Name: *
First 3 months

Description:
First 3 months

Planning Area: *
RBSAP6

Status: *
In Progress

Key Figures (3)

Name	ID	Description	
Demand Planning Qty	DEMANDPLANNINGQTY	Demand Planning Qty	×
Sales Forecast Qty	SALESFCSTQTY	Sales Forecast Qty	×
Marketing Forecast Qty	MARKETINGFCSTQTY	Marketing Forecast Qty	×

Horizon

Restricted Unrestricted

Time Period:
Weekly (technical) ▼

Daily

Weekly (technical)

Weekly

Monthly

Quarterly

Yearly

To:
☐ Unlimited in the Future

3 Weekly (technical)

Editability Rules in the definition of Editability Horizons

Fixed Rule: Fixed From, To rolling horizon or Unlimited in the Past or in the Future

Dynamic Rule: define granular editability horizons, at attribute value combinations level

- **Planning Level:** From or To can be set to
 - Numeric Attribute from the key figures base planning levels
 - Fixed From or Fixed To
- **Master Data:** Reference a Master Data Type
 - MDT must not be related to planning area
 - MDT Attributes to be mapped to From or To
 - Advanced join condition must be defined between MDT attributes and key figures base planning levels attributes

When Fixed and Dynamic Rule are enabled, the Dynamic rule has precedence!

Fixed Rule
ON

From: ☐ Unlimited in the Past ☐ Unlimited in the Future
- 0 + Weekly (technical)

To: ☐ Unlimited in the Future
- 3 + Weekly (technical)

Dynamic Rule
ON

Planning Level Master Data

Attribute Assignment

From: FROZENHORIZON Weekly (technical)
Fixed From
RBPRODUCTPRIO
FROZENHORIZON

To: Fixed To Weekly (technical)

Dynamic Rule
ON

Planning Level Master Data

Referenced Master Data Type

ID: RB62PRDLOCCOMPORIZON Name: Prod Loc Compund Horizon

Attribute Assignment

From: RBHORIZONFROM Weekly (technical)

To: Fixed To Weekly (technical)
Fixed To
RBHORIZONFROM
RBHORIZONTO

Advanced Join Condition

Prod Loc Compund Horizon (RB62PRDLOCCOMPORIZON) (4)

	Location ID	PRDID	Horizon From	Horizon To
<input type="checkbox"/>	HD_DC_CA_E	HT_001	5	1
<input type="checkbox"/>	HD_DC_CA_E	HT_002	10	
<input type="checkbox"/>	HD_DC_FR	HT_002	1	2
<input type="checkbox"/>	HD_DC_US_E	HT_003	1	8

Planning Level Attribute	Description	Operator	Master Data Attribute	Description
LOCID	Location ID	equal to	LOCID	Location ID
PRDID	Product ID	equal to	PRDID	Product ID

SAP Default Editability Horizon

SAP_DEFAULT_HORIZON

- Helps to assign unrestricted horizons for the key figures for which you don't want to define explicitly editability horizons.
- Grants unrestricted horizon to all the active and stored editable key figures for which there is no defined editability horizon in the **Ready** status.

SAP Default Editability Horizon SAP_DEFAULT_HORIZON

Description: SAP Default Editability Horizon
Horizon: Unrestricted

Key Figures with Default Unrestricted Editability Horizons (8)

Planning Area:	MON6DESC		Search
Name	ID	Description	
Actuals Revenue	ACTUALSREV	Actuals Revenue	
Consensus Demand without Promotions	CONSENSUSDEMAND	Consensus Demand without Promotions	
Demand Planning Qty	DEMANDPLANNINGQTY	Demand Planning Qty	
Exchange Rate	EXCHANGERATE	Exchange Rate	
Promotion Location Split	PROMOLOCATIONSPLIT	Promotion Location Split	
Sales Forecast Qty	SALESFCSTQTY	Sales Forecast Qty	
Sensed Demand Qty Adjusted	ADJSENSEDEMANDQTY	Sensed Demand Qty Adjusted	
Statistical Forecast Price	STATISTICALFCSTPRICE	Statistical Forecast Price	

Assignment to users via business roles

- Assignment to business roles via the **Editability Horizon** Write restriction type
- The restriction type is available with the business catalogs:
 - Basic Planning Tasks SAP_IBP_BC_EXCEL_ADDIN_PC
 - Web-based Planning SAP_IBP_BC_WBP_PC
 - Driver-Based Planning - SAP_IBP_BC_DBP_PC
 - Web-Based Planning for Business Partners (Customers) SAP_IBP_BC_WBP_BUPA_CUST_PC
 - Web-Based Planning for Business Partners (Suppliers) SAP_IBP_BC_WBP_BUPA_SUP_PC -
 - Inventory Analysis SAP_IBP_BC_INVANA_PC

Note:

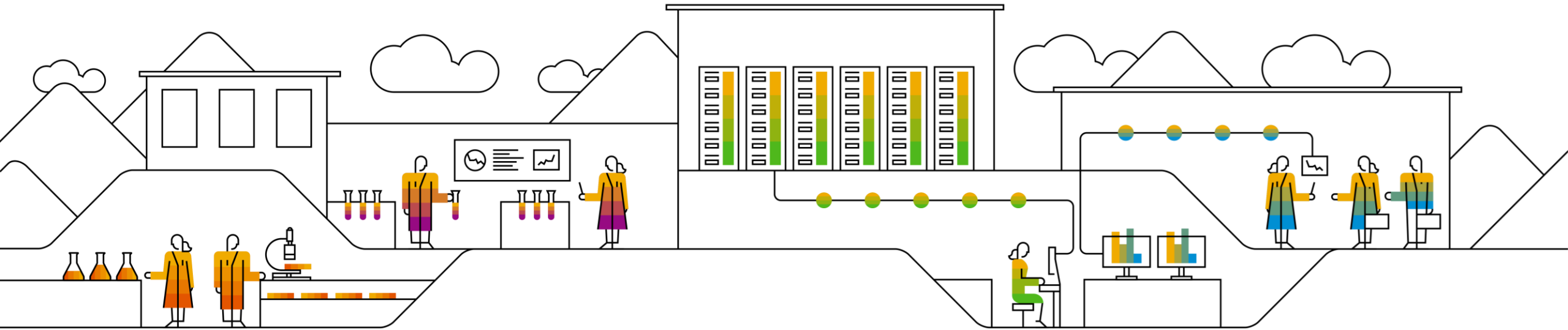
- **Editability horizons are considered only for manual changes to key figures values. They are not considered by simulations or operator's execution.**
- **Multiple editability horizons for the same key figure assigned to a user are cumulated with 'OR'**
- **Upgrade to 2105 pre-fills in the existing roles the new Editability Horizon restriction with (*)Unrestricted**

The screenshot shows the SAP 'Maintain Business Roles' interface for the role 'EXCEL_TEST'. The 'Write, Read, Value Help' tab is active, and the 'Restricted' dropdown is selected. The 'Editability Horizon' field is highlighted with an orange box, showing the value 'FIXED_0_TO_3, SAP_DEFAULT_HORIZON, TestingPlanningLevel'. Other fields like 'Administration Functions', 'Application Logs', 'Reason Code ID', 'Realignment Execution Mode', and 'Permission Filter ID' are also visible, mostly set to '(Unrestricted)'.

Field	Value
Administration Functions	*(Unrestricted)
Editability Horizon	FIXED_0_TO_3, SAP_DEFAULT_HORIZON, TestingPlanningLevel
Application Logs	*(Unrestricted)
Reason Code ID	*(Unrestricted)
Realignment Execution Mode	*(Unrestricted)
Permission Filter ID	DEMO_PERMISSION_FILTER

SAP IBP, add-in for Microsoft Excel 2105.2.0

Balázs Rábel (Presented by Alex Grendel)



Key Figure Editability: Editability Horizon

Editability Horizons can get assigned to SAP IBP, add-in for Microsoft Excel users via business roles and allow **formatting** for **editable cells**.

The editability horizon can be based on:

- **From** value: **simple static** per key figure
- **To** value: attribute **combination based**, not even on root attribute level
- Time is **relative**, probably **not on base/storage level** and can be even **open**
- The editability horizon can differ based on **authorization**

New formatting rules to visualize enhanced key figure editability horizon

Example planning view

SAP

Integrated Business Planning

Filter:

(Ad Hoc Filter) (1 criteria):

Product ID = HT_001; HT_005

EH Demo

Last Refresh: 2021-Apr-6 15:55:59

User:

Planning Area:

Template:

Product ID	Frozen Horizon	Location Region	Key Figure	Jan 20	Feb 20	Mar 20	Apr 20	May 20	Jun 20	Jul 20	Aug 20	Sep 20	Oct 20	Nov 20	Dec 20
HT_001	5	Europe	Marketing Forecast Qty	0	0	0	0	0	0	0	0	0	0	0	0
			Demand Planning Qty	0	0	0	0	0	0	0	0	0	0	0	
			Sales Forecast Qty	0	0	0	0	0	0	0	0	0	0	0	
			Consensus Demand	0	200	45.000	400	500	300	0	0	0	0	0	
		North America	Marketing Forecast Qty	0	0	0	0	0	0	0	0	0	0	0	
			Demand Planning Qty	0	0	343	0	0	0	0	0	0	0	0	
			Sales Forecast Qty	0	0	0	0	0	0	0	0	0	0	0	
			Consensus Demand	0	21.817	1.688	3.578	28.778	900	200	200	200	200	200	
HT_005	2	Europe	Marketing Forecast Qty	0	0	0	0	0							
			Demand Planning Qty	0	0	0	0	0							
			Sales Forecast Qty	0	0	0	0	0							
			Consensus Demand	0	0	0	0	0							
		North America	Marketing Forecast Qty	0	0	0	0	0							
			Demand Planning Qty	0	0	0	0	0							
			Sales Forecast Qty	0	0	0	0	0							
			Consensus Demand	0	0	0	0	0							

New formatting rules to visualize enhanced key figure editability horizon

Default format for editable cells

The new rule *Default Format for Editable Cells* can be used to format editable horizon information and can replace all formatting rules that were previously necessary to visualize the editability based on the different Past Current Future editability indicators:

Row	<input type="checkbox"/> Apply	Formatting on Specific Member/Property:		
		KEY_FIGURES.Editable Indicator = ALL	10.000	FontColorIndex Pattern
		KEY_FIGURES.Editable Indicator = FUTURE PERIODID0.Past Current Future Indicator = C	10.000	FontColorIndex Pattern
		KEY_FIGURES.Editable Indicator = FUTURE PERIODID1.Past Current Future Indicator = C	10.000	FontColorIndex Pattern
		KEY_FIGURES.Editable Indicator = FUTURE PERIODID2.Past Current Future Indicator = CF	10.000	FontColorIndex Pattern
		KEY_FIGURES.Editable Indicator = FUTURE PERIODID3.Past Current Future Indicator = CF	10.000	FontColorIndex Pattern
		KEY_FIGURES.Editable Indicator = FUTURE PERIODID4.Past Current Future Indicator = CF	10.000	FontColorIndex Pattern
		KEY_FIGURES.Editable Indicator = FUTURE PERIODID5.Past Current Future Indicator = CF	10.000	FontColorIndex Pattern
		KEY_FIGURES.Editable Indicator = FUTURE PERIODID.Past Current Future Indicator = CF	10.000	FontColorIndex Pattern
		KEY_FIGURES.Editable Indicator = FUTURE PERIODID0.Past Current Future Indicator = F	10.000	FontColorIndex Pattern
		KEY_FIGURES.Editable Indicator = FUTURE PERIODID1.Past Current Future Indicator = F	10.000	FontColorIndex Pattern
		KEY_FIGURES.Editable Indicator = FUTURE PERIODID2.Past Current Future Indicator = F	10.000	FontColorIndex Pattern
		KEY_FIGURES.Editable Indicator = FUTURE PERIODID3.Past Current Future Indicator = F	10.000	FontColorIndex Pattern
		KEY_FIGURES.Editable Indicator = FUTURE PERIODID4.Past Current Future Indicator = F	10.000	FontColorIndex Pattern
		KEY_FIGURES.Editable Indicator = FUTURE PERIODID5.Past Current Future Indicator = F	10.000	FontColorIndex Pattern
		KEY_FIGURES.Editable Indicator = FUTURE PERIODID.Past Current Future Indicator = F	10.000	FontColorIndex Pattern
		KEY_FIGURES.Editable Indicator = PAST PERIODID0.Past Current Future Indicator = P	10.000	FontColorIndex Pattern
		KEY_FIGURES.Editable Indicator = PAST PERIODID1.Past Current Future Indicator = P	10.000	FontColorIndex Pattern
		KEY_FIGURES.Editable Indicator = PAST PERIODID2.Past Current Future Indicator = P	10.000	FontColorIndex Pattern
		KEY_FIGURES.Editable Indicator = PAST PERIODID3.Past Current Future Indicator = P	10.000	FontColorIndex Pattern
		KEY_FIGURES.Editable Indicator = PAST PERIODID4.Past Current Future Indicator = P	10.000	FontColorIndex Pattern
		KEY_FIGURES.Editable Indicator = PAST PERIODID5.Past Current Future Indicator = P	10.000	FontColorIndex Pattern
		KEY_FIGURES.Editable Indicator = PAST PERIODID.Past Current Future Indicator = P	10.000	FontColorIndex Pattern

Please note that this new rule can be used to replace the older set of rules in both normalized and non-normalized planning areas.

23 formatting rules can be replaced by 1 rule ...

<input checked="" type="checkbox"/> Apply	Default Format for Editable Cells	10.000	FontColorIndex Pattern
---	-----------------------------------	--------	--------------------------

Clean-Up of the formatting sheet

Before 2105.2.0

IBP Formatting Sheet

Note: The format settings in lower sections overrides the ones in upper section if there are conflicts.

Hierarchy Level Formatting

☒ Priority to Column Format
 ☐ Priority to Row Format
 ☐ Structure Levels
 ☒ Relative Levels
 ☐ Start Formatting from the lowest level displayed

Apply Format to: ☒ Inner Dimension ☐ Outer Dimension

		Data	Use	Header	Use	
Row	<input checked="" type="checkbox"/> Apply	Default Format	10000	All	Label	All
	<input type="checkbox"/> Apply	Base Level Format	10000	All	Label	All
	<input type="checkbox"/> Apply	Formatting on Specific Level:				
		Level 1	10000	All	Label	All
		Level 2	10000	All	Label	All
	Level 3	10000	All	Label	All	
		Add Level				
		Remove Last Level				
Column	<input checked="" type="checkbox"/> Apply	Default Format	10000	All	Label	All
	<input type="checkbox"/> Apply	Base Level Format	10000	All	Label	All
	<input type="checkbox"/> Apply	Formatting on Specific Level:				
		Level 1	10000	All	Label	All
		Level 2	10000	All	Label	All
	Level 3	10000	All	Label	All	
		Add Level				
		Remove Last Level				

Dimension Member/Property Formatting

☒ Priority to Column Format
 ☐ Priority to Row Format

		Data	Use	Header	Use	
Row	<input type="checkbox"/> Apply	Custom Member Default Format	10000	All	Label	All
	<input type="checkbox"/> Apply	Calculated Member Default Format	10000	All	Label	All
	<input type="checkbox"/> Apply	Inputable Member Default Format	10000	All	Label	All
	<input type="checkbox"/> Apply	Local Member Default Format	10000	All	Label	All
	<input type="checkbox"/> Apply	Changed Member Default Format	10000	All	Label	All
	Formatting on Specific Member/Property:					
		Add Member/Property				
Column	<input type="checkbox"/> Apply	Custom Member Default Format	10000	All	Label	All
	<input type="checkbox"/> Apply	Calculated Member Default Format	10000	All	Label	All
	<input type="checkbox"/> Apply	Inputable Member Default Format	10000	All	Label	All
	<input type="checkbox"/> Apply	Local Member Default Format	10000	All	Label	All
	<input type="checkbox"/> Apply	Changed Member Default Format	10000	All	Label	All
	Formatting on Specific Member/Property:					
		Add Member/Property				

Row and Column Banding

☒ Priority to Column Format
 ☐ Priority to Row Format

		Data	Use	Header	Use	
Row	<input checked="" type="checkbox"/> Apply	Odd Formatting	10000	All	Label	All
	<input checked="" type="checkbox"/> Apply	Even Formatting	10000	All	Label	All
Column	<input checked="" type="checkbox"/> Apply	Odd Formatting	10000	All	Label	All
	<input checked="" type="checkbox"/> Apply	Even Formatting	10000	All	Label	All

Page Axis Formatting

		Header	Use
<input checked="" type="checkbox"/> Apply	Default Format	Label	All
<input checked="" type="checkbox"/> Apply	Formatting on Specific Dimension:		
		Add Dimension	

New with 2105.2.0

SAP IBP Formatting Sheet

Note: If there are conflicts, the format settings in the lower sections override the ones in the upper section.

Default Formatting

☒ Priority to Column Format
 ☐ Priority to Row Format

		Data	Use	Header	Use	
Row	<input checked="" type="checkbox"/> Apply	Default Format	10000	All	Label	All
Column	<input checked="" type="checkbox"/> Apply	Default Format	10000	All	Label	All

Member/Property Formatting

☒ Priority to Column Format
 ☐ Priority to Row Format

		Data	Use	Header	Use	
Row	<input type="checkbox"/> Apply	Default Format for Non-Editable Cells	10000	All	Label	All
	<input type="checkbox"/> Apply	Default Format for Editable Cells	10000	All	Label	All
	<input type="checkbox"/> Apply	Default Format for Local Member Cells	10000	All	Label	All
	<input type="checkbox"/> Apply	Default Format for Changed Cells	10000	All	Label	All
	<input type="checkbox"/> Apply	Formatting on Specific Member/Property:				
		Add Member/Property				
Column	<input type="checkbox"/> Apply	Default Format for Non-Editable Cells	10000	All	Label	All
	<input type="checkbox"/> Apply	Default Format for Editable Cells	10000	All	Label	All
	<input type="checkbox"/> Apply	Default Format for Local Member Cells	10000	All	Label	All
	<input type="checkbox"/> Apply	Default Format for Changed Cells	10000	All	Label	All
	<input type="checkbox"/> Apply	Formatting on Specific Member/Property:				
		Add Member/Property				

Row and Column Banding

☒ Priority to Column Format
 ☐ Priority to Row Format

		Data	Use	Header	Use	
Row	<input checked="" type="checkbox"/> Apply	Odd Formatting	10000	All	Label	All
	<input checked="" type="checkbox"/> Apply	Even Formatting	10000	All	Label	All
Column	<input checked="" type="checkbox"/> Apply	Odd Formatting	10000	All	Label	All
	<input checked="" type="checkbox"/> Apply	Even Formatting	10000	All	Label	All

Simplification – only one line of configuration for key figure editability instead of many.

Automatic migration of old sheets.

Removal of not needed EPM settings.

Grouping of key figures

Key Figure Groups can be defined per planning area in the new app in the SAP IBP WebUI.

Key figure grouping allows the administrator to group key figures for example, by business processes, roles, or tasks.

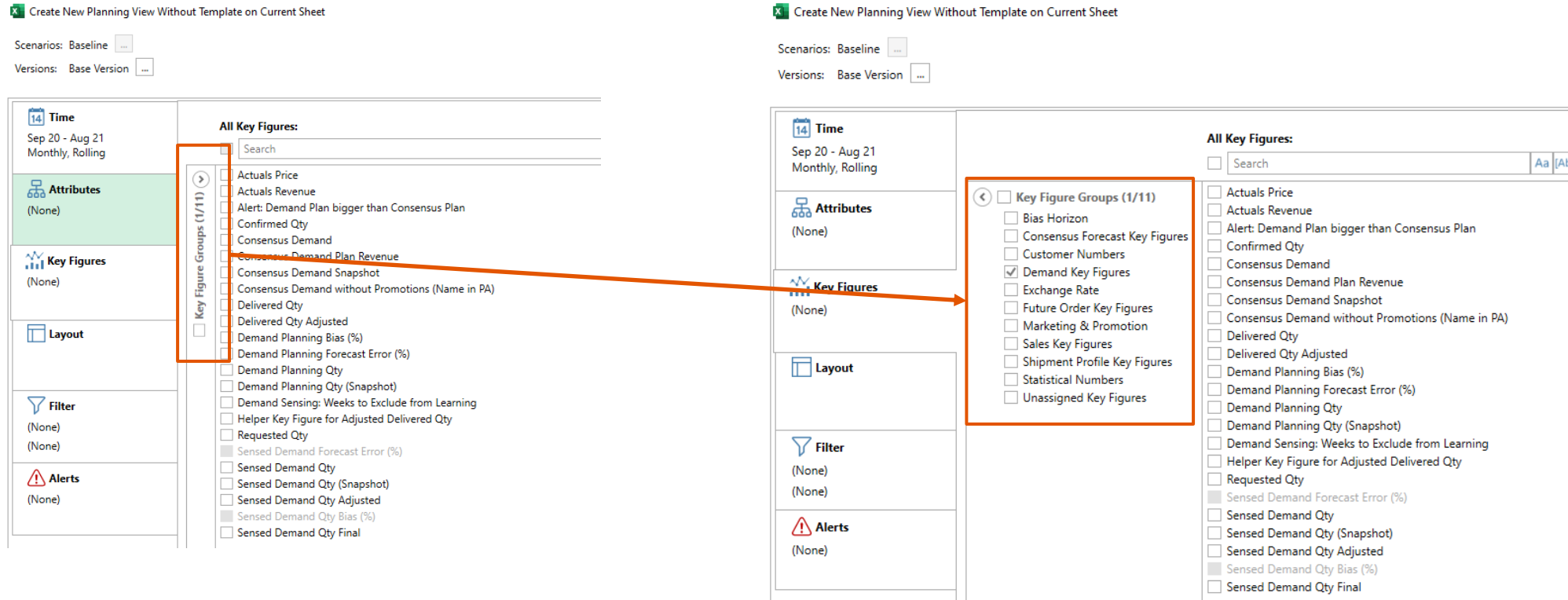
A key figure can belong to one, multiple, or no groups at all.

For the end user, the different groups make it easier to select the key figures that are relevant for the specific task or process.

The screenshot displays the SAP Key Figure Groups application interface. On the left, a list of key figure groups is shown under the 'Standard' filter. The first group, 'SAP6 Demand (SAP62005)', is selected and highlighted in blue. Its details are shown on the right: Key Figure Group ID: DEMAND, Key Figure Group Name: Demand Key Figures, Key Figure Group Description: (empty), Number of Key Figures: 23, and Where-Used: Excel Add-In. Below this, two other groups are listed: 'SAP6 Demand (SAP62005)' with ID EXCHANGERATE and Name Exchange Rate, and 'SAP6 Demand (SAP62005)' with ID FUTUREORDER and Name Future Order Key Figures. The right pane shows the 'Demand Key Figures' group details, including a list of 23 key figures. The first few key figures are: ACTUALSPRICE (Actuals Price), ACTUALSREV (Actuals Revenue), ADJDELIVQTY (Delivered Qty Adjusted), ADJDELIVQTYHELPER (Helper Key Figure for Adjusted Delivered Qty), ADJSENSEDDEMANDQTY (Sensed Demand Qty Adjusted), ALERTKF (Alert: Demand Plan bigger than Consensus Plan), CONFQTY (Confirmed Qty), CONSENSUSDEMAND (Consensus Demand without Promotions (Name in PA)), and CONSENSUSDEMANDREV (Consensus Demand Plan Revenue).

ID	Name
ACTUALSPRICE	Actuals Price
ACTUALSREV	Actuals Revenue
ADJDELIVQTY	Delivered Qty Adjusted
ADJDELIVQTYHELPER	Helper Key Figure for Adjusted Delivered Qty
ADJSENSEDDEMANDQTY	Sensed Demand Qty Adjusted
ALERTKF	Alert: Demand Plan bigger than Consensus Plan
CONFQTY	Confirmed Qty
CONSENSUSDEMAND	Consensus Demand without Promotions (Name in PA)
CONSENSUSDEMANDREV	Consensus Demand Plan Revenue

Grouping of key figures in the SAP IBP, add-in for Microsoft Excel

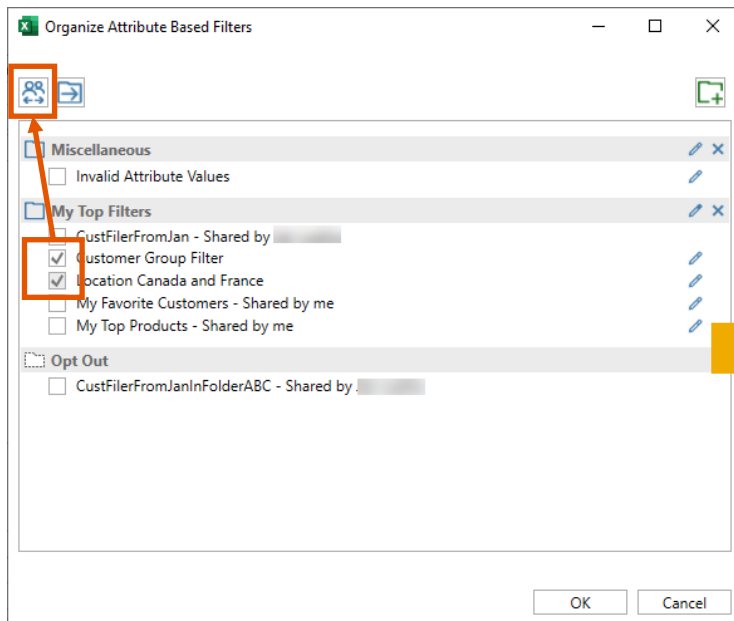
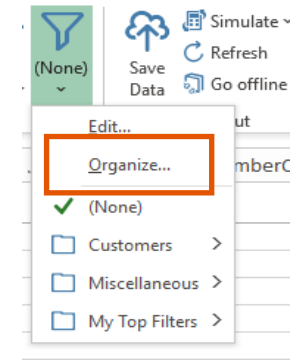


Select individual groups or multiple groups to reduce the list of key figures that are displayed to your needs.

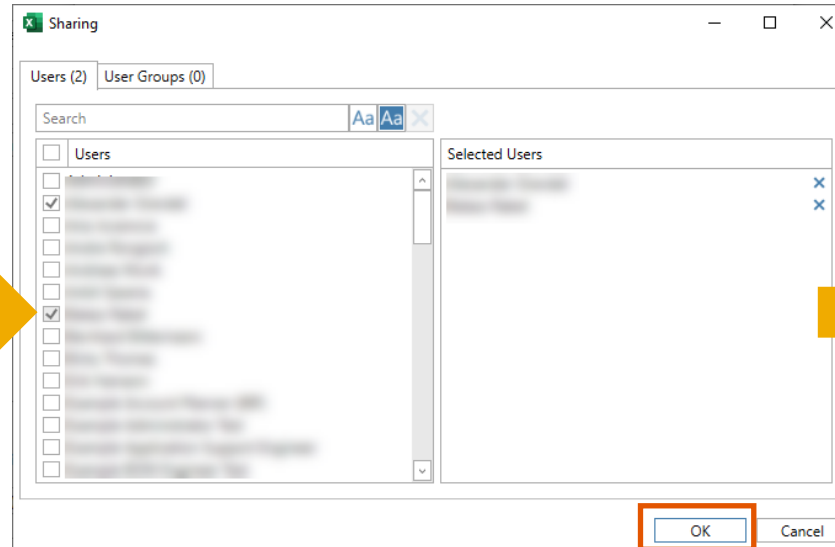
Sharing of attribute-based filters

You can share attribute-based filters using the **Organize** dialog either in the **SAP IBP** ribbon or in the **Filters** tab of the **Edit Planning View / New View** window.

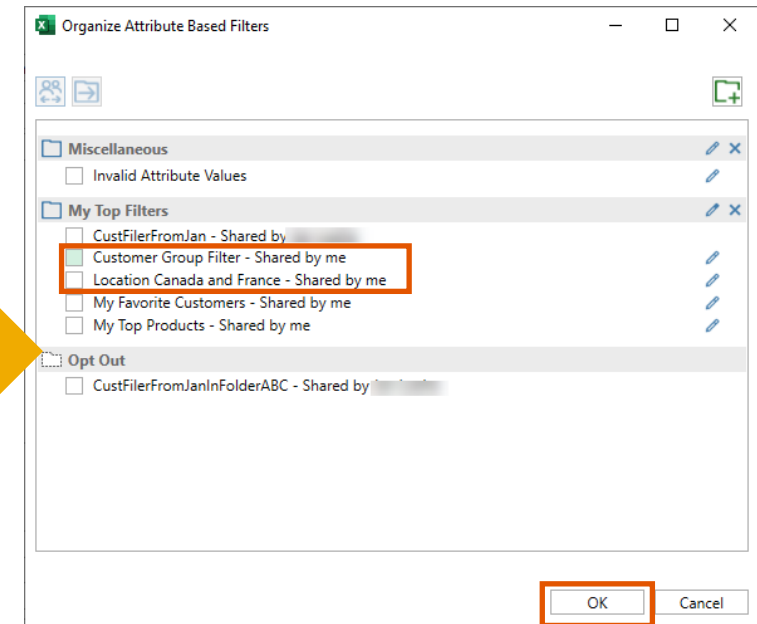
You can organize filters in folders and opt out of filters that have been shared with you.



Select the filter(s) that you want to share with users or user groups.



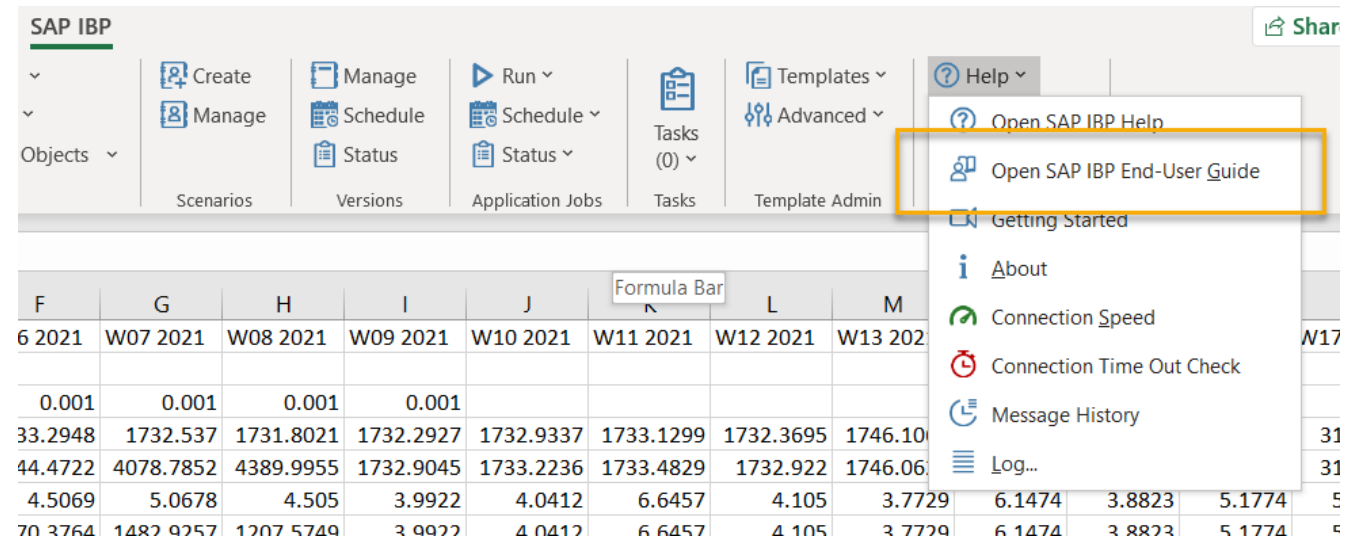
Select the users or user groups.



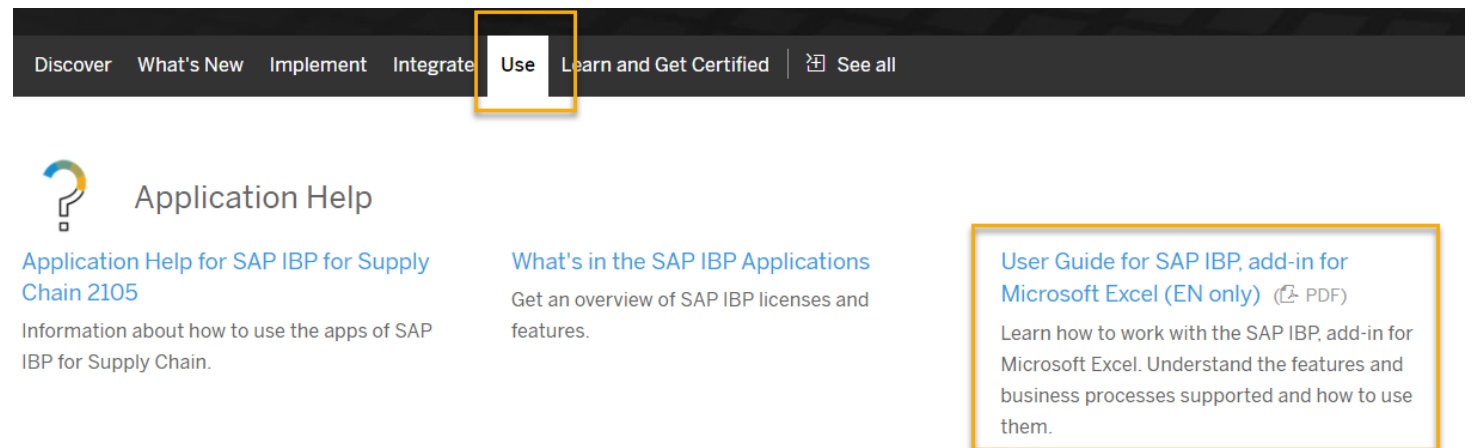
The filters now have a suffix in the name stating that they are shared by you.

End-user guide

Business users can now call the **User Guide for SAP IBP, add-in for Microsoft Excel** from the *Help* menu.



Previously, the user guide was available on the SAP Help Portal only, at <https://help.sap.com/ibp> on the **Use** tab.



Planned new prerequisites for installation: .NET 5.0 and Microsoft Edge WebView2

We are planning to require new **prerequisites** for installing the SAP IBP, add-in for Microsoft Excel **2108.2.0** by introducing **.NET 5.0** and **Microsoft Edge WebView2** (this requirement might be postponed to the 2111.2.0 version). Both components are products of Microsoft and need to be installed on the users' PC before the Excel add-in can be upgraded.

Both components are free to download from Microsoft and are introduced to retain modern security, stability and performance standards. Both components also offer an auto-update capability that can make future updates easier without bigger IT projects.

- [Microsoft Edge WebView2](#) is a modern Chromium Edge-based component allowing a better integration of installed-based applications with browsers. With that, we can also move away from our dependencies on the Microsoft Internet Explorer 11 within the Excel add-in. It also allows us to look at enhanced use cases in future developments in the Excel add-in.
- [.NET 5.0](#) is the newest edition of .NET and is under active maintenance from Microsoft, including security patches.

Planned new minimum SAP IBP, add-in for Microsoft Excel version

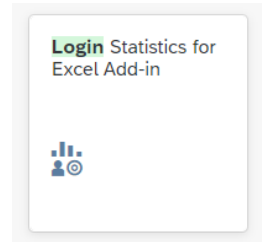
Prepare for
upcoming release

We are planning to raise the **minimum required SAP IBP**, add-in for Microsoft Excel version to **2005.2.0** with the upgrade to **SAP IBP 2111** planned to be released in November 2021.

Users who try to connect with older Excel add-in versions after the upgrade of the backend systems to SAP IBP 2111 will not be able to log on via the Excel add-in any longer. They will receive an error message.

Mitigation:

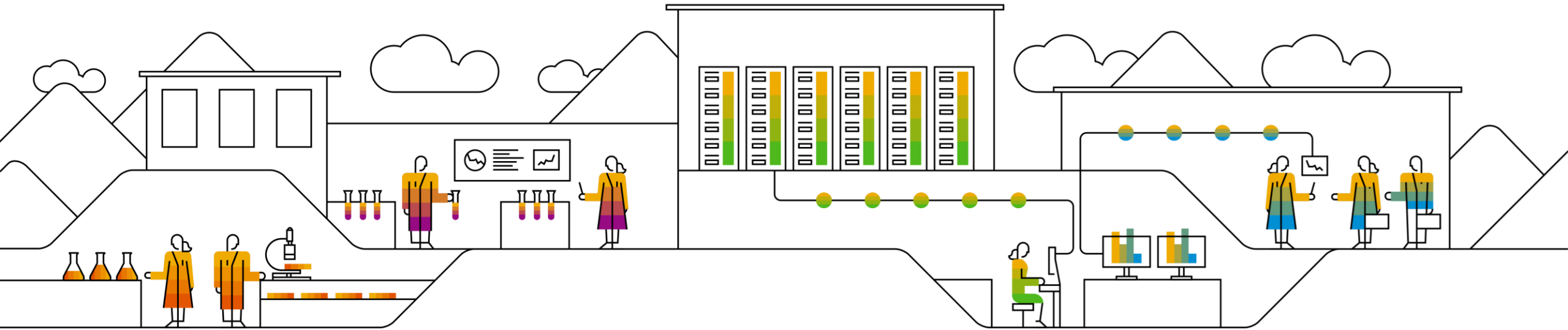
- If not done yet, [download](#) and roll-out a newer version of the Excel add-in to your user base.
- Check in the **Login Statistics for Excel Add-in** app to see which of your users are affected and notify them to upgrade their Excel add-in in time.
- You can also set a warning in the system some time before the SAP IBP 2111 upgrades for your users via the global configuration parameter MINIMUM_ADDIN_VERSION. Here you can enter a minimum add-in version, for example “2005.2.0”. Users who are using Excel add-in versions older than what you specify will be getting a warning when logging on to SAP IBP via the Excel add-in.



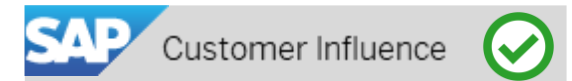
Please note that this change does not impact the known maintenance window for the Excel add-in versions. Versions are in maintenance and supported for 6 months. For older versions, we are committed to keep them compatible with newer SAP IBP backends, but we are not providing support for them. It is strongly recommended to upgrade the Excel add-in at least annually to keep up with security, stability, performance and feature enhancements.

Change History Analysis App

Raghav Jandhyala



New Original Changes View



In the new original changes view, you can display interactive changes (original changes) about the the planning level, source of change, reason code, comments and other information related to the origin of the changes.

You can also navigate to this view from a single Change ID in the Effect of Changes view

< **SAP** Change History Analysis ▾

SolVal ▾

Planning Area: * ZBTESTCH (Unified Planning Area) Version: * BASELINE Key Figures: * Statistical Fcst Qty x

Time Range of Changes: 3/1/20, 8:48 AM - 3/31/21, 3:23 ... Planning Filter: Reason Codes: Users: Source of Change: Change ID: 623086 x Adapt Filters Go

Effects of Changes Original Changes

Original Changes

Customer ID	Product ID	Period	Prior Value	New Value	Difference	Difference %	Changed On/At	Changed By	Source Of Change	Reason Code	Comment	Change ID
Customer_01	PROD_001	TW32 2020	50	70	20	40.00	11/11/20, 11:44 AM	Sylvia Christmann	Excel Add-In: Save Data in Planning View	Change History Test	test from Excel	623086/1
Customer_01	PROD_001	TW33 2020	50	70	20	40.00	11/11/20, 11:44 AM	Sylvia Christmann	Excel Add-In: Save Data in Planning View	Change History Test	test from Excel	623086/1
Customer_01	PROD_001	TW34 2020	50	70	20	40.00	11/11/20, 11:44 AM	Sylvia Christmann	Excel Add-In: Save Data in Planning View	Change History Test	test from Excel	623086/1
Customer_01	PROD_001	TW35 2020	50	70	20	40.00	11/11/20, 11:44 AM	Sylvia Christmann	Excel Add-In: Save Data in Planning View	Change History Test	test from Excel	623086/1
Customer_01	PROD_001	TW36a 2020	50	70	20	40.00	11/11/20, 11:44 AM	Sylvia Christmann	Excel Add-In: Save Data in Planning View	Change History Test	test from Excel	623086/1

Sharing Change History Views

You can now share an existing view with multiple users and user groups.

The screenshot displays the SAP Change History Analysis interface. At the top, the SAP logo and 'Change History Analysis' are visible. Below the header, there are filter sections for Planning Area (ZBTESTCH), Version (BASELINE), Key Figures (Statistical Fcst Qty), Time Range of Changes (3/1/20, 8:48 AM - 3/31/...), Planning Filter, Reason Codes, Users, Source of Change, and Change ID (623086). A 'Go' button is present next to the filters. The main content area shows a table titled 'Original Changes' with columns for Customer ID, Product ID, Period, and various data points. A 'Share' dialog box is overlaid on the table, allowing users to share the view with other users or user groups. The dialog box has fields for 'Users' and 'User Groups', and 'Share' and 'Cancel' buttons. The 'Share' button in the background is also circled in red.

Share

Users

User Groups

Share Cancel

Customer ...	Product ID	Period	Reason C...	Comment	Change ID
Customer_01	PROD_001	TW32 2020	Change History Test	test from Excel	623086/1
Customer_01	PROD_001	TW33 2020	Change History Test	test from Excel	623086/1
Customer_01	PROD_001	TW34 2020	Change History Test	test from Excel	623086/1

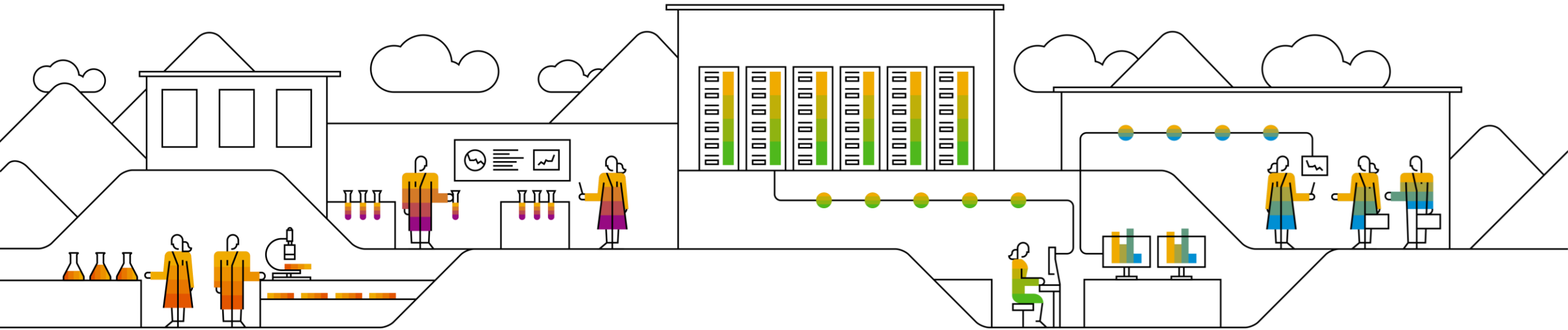
Replaced Fiori App Change History with Change History Analysis

Must know

- As announced in the previous release, the Change History app has been replaced by the Change History Analysis app.
- In order to facilitate the migration of users from the old *Change History* app to the *Change History Analysis* app the saved filters created by the users in the old app were migrated automatically to new change history views of the new app while the upgrade to SAP IBP 2102 is done.
- You now need to use the successor app [Change History Analysis](#).

Machine Learning for Master Data Consistency

Raghav Jandhyala



Machine Learning for IBP Master Data Consistency (Categorical Attributes)

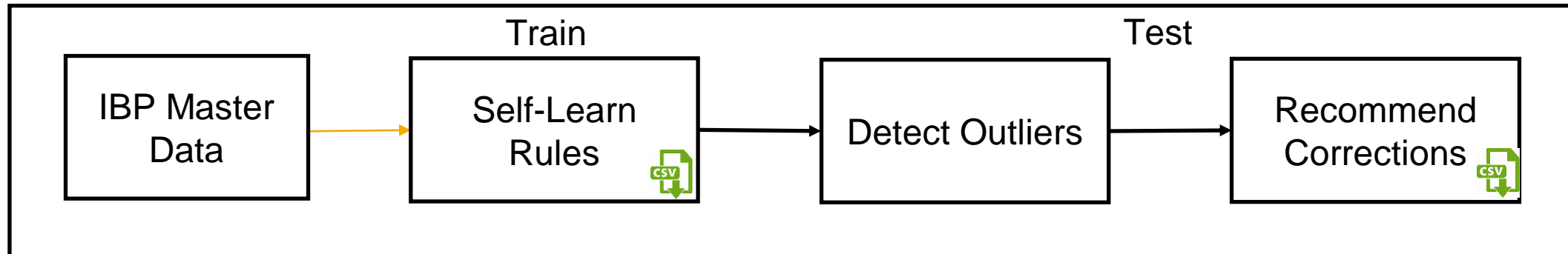
Improve master data quality for planning in IBP by self-learning semantic rules to identify problems in master data and recommend values for correction. This helps reduce manual efforts in preparing data for planning.

Why ML compared to rule based approach

- Machine Learning can **identify the semantic relations and patterns** in master data and **derive association rules**.
- From the derived association rules, **outliers are identified** in master data **with higher probability of confidence** which don't comply with the rules.
- Recommend values for the outliers** in the data based on the derived association rules.
- Train and Test** data once or periodically.



Application Job: ML Master Data Consistency



Run Application Job for ML Master Data Consistency

New Application Job Template : ML Master Data Consistency

- Select Master Data Type and attributes to be profiled.
- Provide Filter if you want to profile on subset of master data.
- Optional: Tune the parameters for the model (recommended to use default).

The Application Logs of the Finished Job shows the information about

- Number of records
- Number of rules
- Number of Recommendation

The generated Rules and Outliers/Suggested values are available as csv file attachment for download

The screenshot displays the SAP ML Master Data Consistency application interface. The top navigation bar shows the SAP logo and the title 'New Job: ML Master Data Consistency Demo'. The main content area is divided into three steps: 1. Template Selection, 2. Scheduling Options, and 3. Parameters. The 'Parameters' step is currently active, showing the 'Parameter Section'.

Under the 'Parameter Section', there are two main sections: 'Master Data' and 'Calculation Setting'.

Master Data Section:

- Master Data Type: MLPRODUCT
- Attributes: PRDSUBFAMILY x, PRDGROUP x, UOMID x, 5 More
- Planning Filter: (empty)

Calculation Setting Section:

- Min Support: 0.0500
- Min Confidence: 0.9000
- Min Lift: 0.0000
- Max Items in Antecedent: 4

Below the parameter section, there is a 'Current Period' dropdown set to 'Application Logs'. The 'Log Items (17)' table is displayed, showing the results of the application job. The table has columns for Date and Time, Severity, Message, Long Text, External Identifier, Area, and Sub Area.


Date and Time	Severity	Message	Long Text	External Identifier	Area	Sub Area
24.03.2021 15:04:41.324	Information	Current period initialized with time stamp 2021-03-24T22:04:41 and time zone UTC		131288	IBP Foundation	MDM
24.03.2021 15:13:14.195	Information	Learn Rules attachment		131288	IBP Foundation	MDM
24.03.2021 15:13:14.586	Information	Outliers/Suggested Values attachment		131288	IBP Foundation	MDM
24.03.2021 15:13:14.674	Information	Total number of records analysed is 66000		131288	IBP Foundation	MDM
24.03.2021 15:13:14.863	Information	Total number of rules is 109		131288	IBP Foundation	MDM
24.03.2021 15:13:14.882	Information	Total number of recommendations is 31		131288	IBP Foundation	MDM

The logs also include attachments for 'attachment.txt' (412 Bytes), 'attachment.csv' (0.3 Kb), and 'attachment.csv' (0.4 Kb).

View Rules generated

The csv file attachment for Rules includes a ranked, human readable list of self-learnt Association Rules generated by ML for Master Data Consistency.

- For example, the first line of the rule can be interpreted as follows: If BRAND is BRND100 then PRDSUBFAMILY is SUB-FAMILY 100 with Confidence of 1, Lift of 2.99, Support 0.33 and Complexity =1
- The algorithm for ML Master Data Consistency lists only most relevant rules found in the data based on the Calculation Settings defined for the application Job and frequency/ patterns in data . Depending on these settings, you may end up with many or fewer rules.



	A	B	C	D	E	F	G	H
1	RULE_ID	ANTECEDENT	CONSEQUENT	CONFIDENCE	LIFT	SUPPORT	COMPLEXITY	
2	3	BRAND:BRND100	PRDSUBFAMILY:SUB-FAMILY 100	1	2.999863643	0.333318182	1	
3	36	PRDSUBFAMILY:SUB-FAMILY 300	BRAND:BRND300	1	2.999863643	0.333318182	1	
4	38	PRDFAMILY:FAMILY 300	BRAND:BRND300	1	2.999863643	0.33330303	1	
5	34	UOMID:PC	BRAND:BRND300	1	2.999863643	0.33330303	1	
6	39	PRDFAMILY:FAMILY 200	PRDSUBFAMILY:SUB-FAMILY 200	1	3	0.333287879	1	
7	224	UOMID:KG BRAND:BRND200	PRDSUBFAMILY:SUB-FAMILY 200	1	3	0.333287879	2	
8	9	PRDFAMILY:FAMILY 100	PRDSUBFAMILY:SUB-FAMILY 100	1	2.999863643	0.333287879	1	
9	26	UOMID:EA	PRDSUBFAMILY:SUB-FAMILY 100	1	2.999863643	0.333272727	1	
10	267	PRDSUBFAMILY:SUB-FAMILY 200 MATTYPEID:RAW	BRAND:BRND200	1	3	0.2	2	
11	248	BRAND:BRND300 MATTYPEID:RAW	PRDSUBFAMILY:SUB-FAMILY 300	1	3.00013637	0.199984848	2	
12	263	PRDFAMILY:FAMILY 200 MATTYPEID:RAW	BRAND:BRND200	1	3	0.199984848	2	
13	274	UOMID:PC MATTYPEID:RAW	PRDSUBFAMILY:SUB-FAMILY 300	1	3.00013637	0.199969697	2	
14	231	UOMID:KG MATTYPEID:RAW	BRAND:BRND200	1	3	0.199969697	2	

View Outliers and Recommendations

Below are some examples Outliers and Recommendations suggested by ML Master Data Consistency based on the derived Rules



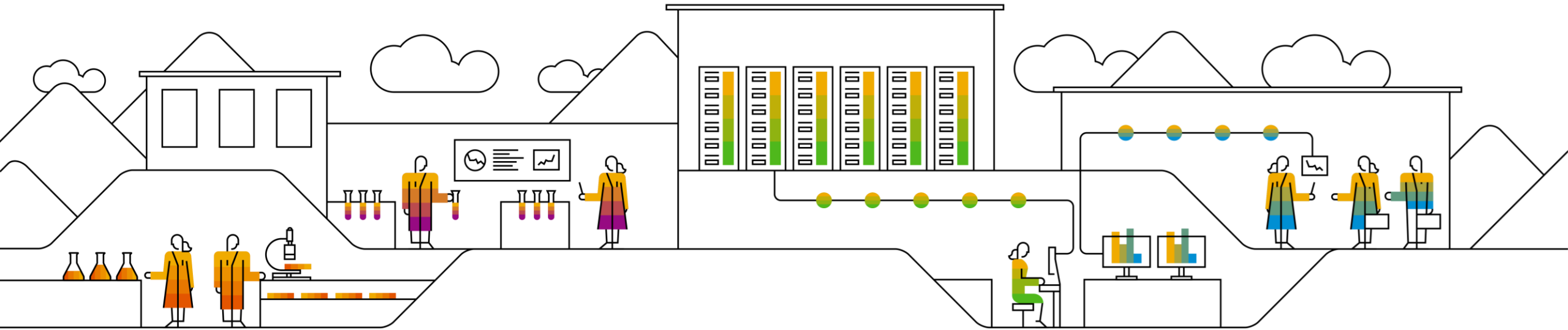
- UOMID is not maintained/Null and recommendation is to change to EA based on Rule 5 with confidence of 0.99
- UOMID in data is incorrect: KG and recommendation is to change to EA based on Rule 5 with confidence of 0.99
- PRDGROUP is Null and recommendation is to change to HEADPHONES
- PRDFAMILY has typos/ fuzzy values: AMILY 100 and recommendation is to change to FAMILY 100 based on Rule 0

	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R
	PRDDESCR	BRAND	PRDGROUP	PRDFAMILY	PRDSUBFAMILY	MATTYPEID	UOMID	COLUMN_NAME	CURRENT_VALUE	RECOMMENDED_VALUE	CONFIDENCE	ANTECEDENT	BEST_ASSOCIATED_RULE	SUPPORT	LIFT	
1	IBP-100-1-0003	BRND100	HEADPHONES	FAMILY 100	SUB-FAMILY 100	FG		UOMID	na	EA	0.99981817	BRAND:BRND100		5	0.33325758	2.99999998
2	IBP-100-1-0007	BRND100	HEADPHONES	FAMILY 100	SUB-FAMILY 100	FG	KG	UOMID	KG	EA	0.99981817	BRAND:BRND100		5	0.33325758	2.99999998
3	IBP-100-1-4176	BRND100		FAMILY 100	SUB-FAMILY 100	FG	EA	PRDGROUP	na	HEADPHONES	0.99986364	PRDSUBFAMILY:SUB-FAMILY 100		13	0.33330303	1.00004547
4	IBP-100-2-0001	BRND300	HEADPHONES	FAMILY 200	SUB-FAMILY 200	FG	KG	BRAND	BRND300	BRND200	0.99995455	PRDSUBFAMILY:SUB-FAMILY 200		43	0.33331818	2.99986364
5	IBP-100-2-0002	BRND200	HEADPHONES	family200	SUB-FAMILY 200	FG	KG	PRDFAMILY	family200	FAMILY 200	0.99986364	PRDSUBFAMILY:SUB-FAMILY 200		40	0.33328788	3
6	IBP-100-3-0004	BRND300	HEADPHONES	FAMILY 300	SUB-FAMILY 300	FG		UOMID	na	PC	0.99990909	PRDSUBFAMILY:SUB-FAMILY 300		46	0.33328788	2.99999999
7	IBP-100-3-2419	BRND300		FAMILY 300	SUB-FAMILY 300	FG	PC	PRDGROUP	na	HEADPHONES	0.99977271	MATTYPEID:FG		7	0.19993939	0.99995452
8	IBP-100-3-3156	BRND300		FAMILY 300	SUB-FAMILY 300	FG	PC	PRDGROUP	na	HEADPHONES	0.99977271	MATTYPEID:FG		7	0.19993939	0.99995452
9	IBP-101-R-1-0010	BRND100		FAMILY 100	SUB-FAMILY 100	RAW	EA	PRDGROUP	na	HEADPHONES	0.99986364	PRDSUBFAMILY:SUB-FAMILY 100		13	0.33330303	1.00004547
10	IBP-101-R-1-3128	BRND100	HEADPHONES	FAMILY 100	SUB-FAMILY 100	RAW		UOMID	na	EA	0.99992424	PRDSUBFAMILY:SUB-FAMILY 100 MATTY		210	0.1999697	3.00031822
11	IBP-101-R-2-0017	BRND200		FAMILY 200	SUB-FAMILY 200	RAW	KG	PRDGROUP	na	HEADPHONES	0.99986364	PRDSUBFAMILY:SUB-FAMILY 200		18	0.33328788	1.00004546
12	IBP-101-R-2-1097	BRND200	HEADPHONES	FAMILY 200	SUB-FAMILY 200	RAW		UOMID	na	KG	0.99990909	PRDSUBFAMILY:SUB-FAMILY 200		30	0.33330303	2.99986363
13	IBP-101-S-1-2316	BRND100	HEADPHONES	AMILY 100	SUB-FAMILY 100	WIP	EA	PRDFAMILY	AMILY 100	FAMILY 100	0.99986363	BRAND:BRND100		0	0.33327273	2.99999998
14	IBP-101-S-1-4400	BRND100	HEADPHONES	FAMILY 100	SUB-FAMILY 100	WIP		UOMID	na	EA	0.99981817	BRAND:BRND100		5	0.33325758	2.99999998
15	IBP-101-S-2-0065	BRND200		FAMILY 200	SUB-FAMILY 200	WIP	KG	PRDGROUP	na	HEADPHONES	0.99986364	PRDSUBFAMILY:SUB-FAMILY 200		18	0.33328788	1.00004546
16	IBP-101-S-2-1470	BRND200	HEADPHONES	FAMIL 200	SUB-FAMILY 200	WIP	KG	PRDFAMILY	FAMIL 200	FAMILY 200	0.99986364	PRDSUBFAMILY:SUB-FAMILY 200		40	0.33328788	3
17	IBP-101-S-3-0001	BRND300	HEADPHONES	FAMILY 300	SUB-FAMILY 100	WIP	PC	PRDSUBFAMILY	SUB-FAMILY 100	SUB-FAMILY 300	0.99995454	PRDFAMILY:FAMILY 300		50	0.33328788	2.99999999
18	IBP-101-S-3-0594	BRND300		FAMILY 300	SUB-FAMILY 300	WIP	PC	PRDGROUP	na	HEADPHONES	0.99977271	MATTYPEID:WIP		24	0.19993939	0.99995452
19	IBP-101-S-3-1993	BRND300		FAMILY 300	SUB-FAMILY 300	WIP	PC	PRDGROUP	na	HEADPHONES	0.99977271	MATTYPEID:WIP		24	0.19993939	0.99995452
20	IBP-102-R-1-0001	BRND200	HEADPHONES	FAMILY 100	SUB-FAMILY 100	RAW	EA	BRAND	BRND200	BRND100	0.99995454	PRDFAMILY:FAMILY 100		1	0.33327273	2.99999998
21	IBP-102-R-1-0005	BRND100		FAMILY 100	SUB-FAMILY 100	RAW	EA	PRDGROUP	na	HEADPHONES	0.99986364	PRDSUBFAMILY:SUB-FAMILY 100		13	0.33330303	1.00004547
22	IBP-102-R-2-0001	BRND200		FAMILY 200	SUB-FAMILY 200	RAW	KG	PRDGROUP	na	HEADPHONES	0.99986364	PRDSUBFAMILY:SUB-FAMILY 200		18	0.33328788	1.00004546
23	IBP-102-R-3-0004	BRND300	HEADPHONES	fAMILY 300	SUB-FAMILY 300	RAW	PC	PRDFAMILY	fAMILY 300	FAMILY 300	0.99990909	PRDSUBFAMILY:SUB-FAMILY 300		49	0.33328788	2.99999999
24	IBP-102-R-3-0013	BRND300		FAMILY 300	SUB-FAMILY 300	RAW	PC	PRDGROUP	na	HEADPHONES	0.99984848	MATTYPEID:RAW		23	0.59987879	1.0000303
25	IBP-102-R-3-0837	BRND300	HEADPHONES	FAMILY 300	SUB-FAMILY 300	RAW		UOMID	na	PC	0.99992424	PRDSUBFAMILY:SUB-FAMILY 300 MATTY		273	0.1999697	3.00004544
26	IBP-102-R-3-4175	BRND300		FAMILY 300	SUB-FAMILY 300	RAW	PC	PRDGROUP	na	HEADPHONES	0.99984848	MATTYPEID:RAW		23	0.59987879	1.0000303
27	IBP-103-R-1-0001	BRND100	HEADPHONES	family 100	SUB-FAMILY 100	RAW	EA	PRDFAMILY	family 100	FAMILY 100	0.99986363	BRAND:BRND100		0	0.33327273	2.99999998
28	IBP-103-R-1-0003	BRND100	HEADPHONES	family100	SUB-FAMILY 100	RAW	EA	PRDFAMILY	family100	FAMILY 100	0.99986363	BRAND:BRND100		0	0.33327273	2.99999998
29	IBP-103-R-2-0003	BRND200	HEADPHONES	FAMILY 200	SUB-FAMILY 200	RAW		UOMID	na	KG	0.99990909	PRDSUBFAMILY:SUB-FAMILY 200		30	0.33330303	2.99986363
30	IBP-103-R-2-4400	BRND200	HEADPHONES	amily 200	SUB-FAMILY 200	RAW	KG	PRDFAMILY	amily 200	FAMILY 200	0.99992424	PRDSUBFAMILY:SUB-FAMILY 200 MATTY		258	0.19998485	3.00018184
31	IBP-103-R-3-3208	BRND300	HEADPHONES	faMILy300	SUB-FAMILY 300	RAW	PC	PRDFAMILY	faMILy300	FAMILY 300	0.99990909	PRDSUBFAMILY:SUB-FAMILY 300		49	0.33328788	2.99999999

PRDSUBFAMILY is assigned incorrect hierarchy value: SUB-FAMILY 100 and recommendation is change to SUB-FAMILY 300 based on Rule 50

Configuration

Balazs Buday



New Key Figure Groups application

(2105) Key Figure groups can be used in:

- Excel
- Realignment Project

Future Plans:

- Use KF groups in other IBP applications
- Change UI pattern to enhance usability

The screenshot displays the SAP Key Figure Groups application interface. The left pane shows a list of Key Figure Groups, including 'Key Figure Group for A&NSAP4N', 'MYREALIGN', 'SZTKFG01 name', and 'ZGASAP6'. The right pane shows the details for the 'MYREALIGN' group, including its ID, name, description, and where it is used. A 'Key Figures' table lists 'ACTUALSREV' with the description 'Actuals Revenue'. An 'Administrative Information' section shows the group was created by '_SAPI035721' on '04/16/2021, 15:14:59'. A modal window titled 'Key Figures' is open, showing 'Key Figures Selection' options: 'Selected Key Figure Group' (highlighted), 'All Key Figures', 'All Key Figures Except Conversion Key Figures', 'All Key Figures Except Selected Key Figures', and 'Selected Key Figures'. The 'Key Figure Processing Options' section includes 'Adjust Source Key Figure Values' (set to 'Delete Values and Planning Object Records'), 'Adjust Target Key Figure Values' (set to 'Sum up Source'), and 'Source Key Figure Percentage to be Used' (set to '100').

<https://influence.sap.com/sap/ino/#/idea/224380>

Object Differences Popovers

Differences of various objects are shown:

- In Planning Area app (via Object History dialog)
- In Compare PA app (via Differences counter)

Objects supported

- Planning Level
- Key Figures
- Version
- Snapshot definition
- (...)

Planning Area History				
Snapshot definition created	Balazs Buday	06.04.2021, 10:27:09	Show	Inactive
Key figure copied	Balazs Buday	31.03.2021, 11:35:13	Show	Inactive
Key figure updated	Balazs Buday	25.03.2021, 14:15:01	Show	Inactive
Input for key figure calculation deleted	Balazs Buday	25.03.2021, 14:12:06	Show	Inactive
Snapshot definition updated	Balazs Buday	24.03.2021, 15:20:30	Show	Inactive
Version updated	Balazs Buday	11.03.2021, 07:48:51	Show	Inactive
Planning level restored	Balazs Buday	10.03.2021, 08:42:02	Show	Inactive
Planning level deleted	Balazs Buday	10.03.2021, 08:40:24	Show	Inactive
Key figure deleted	Balazs Buday	10.03.2021, 08:39:23	Show	Inactive

Differences in ADJDELIVQTYHELPER		
Characteristic	Previous Value	New Value
Name	Helper Key Figure for Adjusted Delivered Qty	Helper Key Figure for Adjusted Delivered Qty renamed
Description	Helper Key Figure for Adjusted Delivered Qty	Helper Key Figure for Adjusted Delivered Qty renamed

Comparison Settings / Compare Planning Areas	
SAP6 Demand (BUBSAP6Y) - State of 10.03.2021, 08:42:02 Planning Area "A" Created By: Balazs Buday Created On: 09.11.2020, 12:21:16 Changed By: Balazs Buday Changed On: 10.03.2021, 08:41:56	SAP6 Demand (BUBSAP6Y) - Latest State Planning Area "B" Created By: Balazs Buday Created On: 09.11.2020, 12:21:16 Changed By: Balazs Buday Changed On: 16.04.2021, 12:32:29

Differences in ACTUALSREV		
Characteristic	Value in BUBSAP6Y ("A")	Value in BUBSAP6Y ("B")
ACTUALSREV @ LOCPRODCUSTCURRRTUOWEEL	Different	
ACTUALSREV @ LOCPRODCUSTCURRRTUOWEEL		Different

Various Enhancements

- Display Attribute usages within a PA (including KF calculation)
- Final removal of old Configuration tile/app
- Is my Planning Area normalized?

The screenshot shows the 'Attributes (62)' table in the SAP Planning Area interface. The table lists various attributes with columns for Master Data Type ID, Attribute ID, Planning Area Attribute Description, Business Meaning, Attribute Category, Planning Levels, Assignment Status, and Key Figures. A modal window is open for the 'PRDID' attribute, showing a 'Calculation Expression' field with the value 'ADJDELIVQTY' and a 'Status' of 'Inactive'.

Master Data Type ID	Attribute ID	Planning Area Attribute Description	Business Meaning	Attribute Category	Planning Levels	Assignment Status	Key Figures
	BRAND	Brand ID	Brand Identifier	Optional	30	Active	Show
	CATEGORY	Category	Category Identifier	Optional	30	Active	Show
	PRDDESCR	Product Desc	Product Description	Optional	30	Active	Show
	PRDGROUP	Product Group	Product Group Identifier	Optional	30	Active	Show
	PRDID	Product ID	Product Identifier	Optional	30	Active	Show
	UOMDESCR	UOM Description	Product Base UOM				
	UOMID	Base UOM	Product Base UOM				
	XYZDESCR	XYZ Desc					
	XYZID	XYZ Code					
	XYZLOCKED	XYZ Locked					
FJFPROMOTION	CONTACTMAIL	Mail Address of the Contact Person		Optional	5	Active	Show
	CONTACTNAME	Name of the Contact Person		Optional	5	Active	Show
	CONTACTPHONE	Phone Number of the Contact Person		Optional	5	Active	Show
	CREATEDON	Date when the Object Was Created		Optional	5	Active	Show
	ENDDATE	Promotion End Date		Optional	5	Active	Show
	IBPPROMOSTATUS	Promotion Status in IBP		Optional	5	Active	Show
	LASTCHANGEDON	Date when the Last Change Was Made to the Object		Optional	5	Active	Show
	NUMBEROFPERIODS	Promotion: Number of Periods		Optional	5	Active	Show
	POSTDIPPERIODS	Promotion: Number of Post Dip Periods		Optional	5	Active	Show
	PREDIPPERIODS	Promotion: Number of Pre Dip Periods		Optional	5	Active	Show

The screenshot shows the 'Information' and 'Planning Area Settings' sections of the SAP Planning Area interface. The 'Information' section displays the status as 'Inactive' and the last action status as 'Activation - Success'. The 'Planning Area Settings' section includes toggle switches for 'Enable Supply Planning' (ON), 'Enable External Time Series' (OFF), and 'Enable Change History' (ON). There are also checkboxes for 'Enable Change-History-Based Key Figure Calculations' and 'Enable Changes to Master-Data-Based Key Figures'.

Information

Status: Inactive Last Action Status: Activation - Success

Normalized: No

Planning Area Settings

Enable Supply Planning: ON

Enable External Time Series: OFF

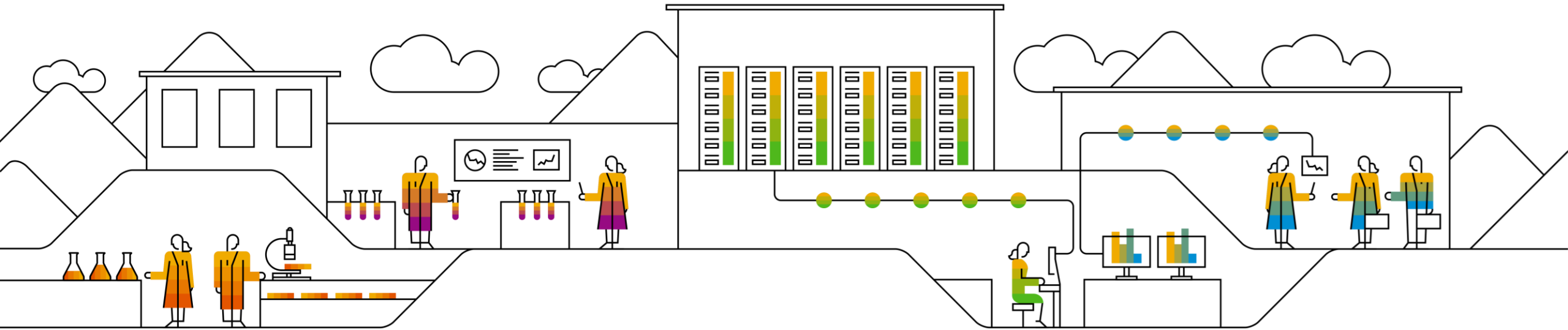
Enable Change History: ON

Enable Change-History-Based Key Figure Calculations

Enable Changes to Master-Data-Based Key Figures

Activation & Simplified Key Figures

Gabor Mittweg



Coverage Calculation

The IBP_COVERAGE function has been generalized so that it can be used for different business cases. Using the IBP_COVERAGE function, you can calculate how much stock is required to cover the demand based on the days of supply value.

With other words, you can now use the IBP_COVERAGE function to calculate not only days of coverage, but other key figures, for example, **projected stock**.

You can find a sample implementation in the Model Configuration Guide in section [Projected Stock](#).

Days of Coverage and Projected Stock Calculations

In this sample implementation, we use the IBP_COVERAGE function to calculate Days of Coverage values. Then we use a reversed calculation to calculate Projected Stock using days of supply and demand as input key figures.

```
DAYSOFSUPPLY@PERPRODLOC = IBP_COVERAGE ( "DEMAND@PERPRODLOC" , "PROJECTEDSTOCK@PERPRODLOC" , 1 ,  
' 'NEXTBUCKET' ' , ' 'USEZEROSTOCK' ' , ' 'PASTCURRENTFUTURE' ' )
```

	JUNE 1	JUNE 2	JUNE 3	JUNE 4	JUNE 5	JUNE 6	JUNE 7	JUNE 8	JUNE 9	JUNE 10	JUNE 11	JUNE 12
Demand	400	200	100	300	200	500	400	100	200	300	400	100
Projected Stock	600	200	500	500	100	200	200	200	200	500	400	
Workdays	1	1	1	1	1	1	1	1	1	1	1	
Days of Coverage	3	1.33	2	1.6	0.2	0.5	1.5	1	0.66	2	1	

```
PROJECTEDSTOCK@PERPRODLOC = IBP_COVERAGE ( 1 , "DAYSOFSUPPLY@PERPRODLOC" , "DEMAND@PERPRODLOC" ,  
' 'NEXTBUCKET' ' , ' 'USEZEROSTOCK' ' , ' 'PASTCURRENTFUTURE' ' )
```

	JUNE 1	JUNE 2	JUNE 3	JUNE 4	JUNE 5	JUNE 6	JUNE 7	JUNE 8	JUNE 9	JUNE 10	JUNE 11	JUNE 12
Workdays	1	1	1	1	1	1	1	1	1	1	1	
Days of Coverage	3	1.33	2	1.6	0.2	0.5	1.5	1	0.66	2	1	
Demand	400	200	100	300	200	500	400	100	200	300	400	100
Projected Stock	600	200	500	500	100	200	200	200	200	500	400	

Projected Stock Calculation with IBP_COVERAGE Function

**PROJECTEDSTOCK@PERPRODLOC = IBP_COVERAGE ("WORKDAYS@PERPRODLOC" , "DAYSOFSUPPLY@PERPRODLOC"
, "DEMAND@PERPRODLOC" , ' 'CURRENTBUCKET' ' , ' 'USEZEROSTOCK' ' , ' 'PASTCURRENTFUTURE' ')**

	MAR 2020	APR 2020	MAY 2020	JUN 2020	JUL 2020	AUG 2020	SEP 2020	OCT 2020	NOV 2020	DEC 2020	JAN 2021	FEB 2021
Workdays	22	22	21	22	23	22	21	22	21	22	22	
Days of Coverage	44	22	54.5	45	11.5	8.8	10.5	32.5	21	33	22	
Demand	400	200	100	300	200	500	400	100	200	300	400	100
Projected Stock	600	200	500	500	100	200	200	200	200	500	400	

Aggregation

The input key figures always have to be on the same aggregation level. However, if you want to use the IBP_COVERAGE function on a different aggregation level, we suggest that you aggregate the input key figures first and then perform the calculation.

	JUNE 1	JUNE 2
Workdays	1	1
Days of Supply	2	2
Demand	400	200
Projected Stock	600	200

	JUNE 1	JUNE 2
Workweeks	0.25	0.25
Weeks of Supply	0.5	0.5
Demand	400	200
Projected Stock	600	300

	JUNE 1	JUNE 2
Work Months	0.05	0.05
Months of Supply	0.1	0.2
Demand	400	200
Projected Stock	600	800

	WEEK 1	WEEK 2
Workdays	5	5
Days of Supply	10	9
Demand	1200	110
Projected Stock	2300	2400

	WEEK 1	WEEK 2
Workweeks	1	1
Weeks of Supply	2	2
Demand	1200	1100
Projected Stock	2300	3000

	WEEK 1	WEEK 2
Work Months	0.25	0.25
Months of Supply	0.5	0.5
Demand	1200	1100
Projected Stock	2300	2400

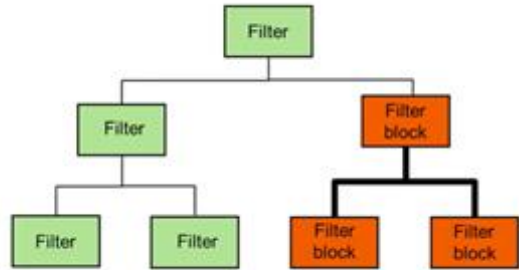
	MAR	APR
Workdays	23	22
Days of Supply	45	43
Demand	4800	5000
Projected Stock	9800	9400

	MAR	APR
Workweeks	4	4
Weeks of Supply	2	2
Demand	4800	5000
Projected Stock	2400	2500

	MAR	APR
Work Months	1	1
Months of Supply	2	2
Demand	4800	5000
Projected Stock	9800	9400

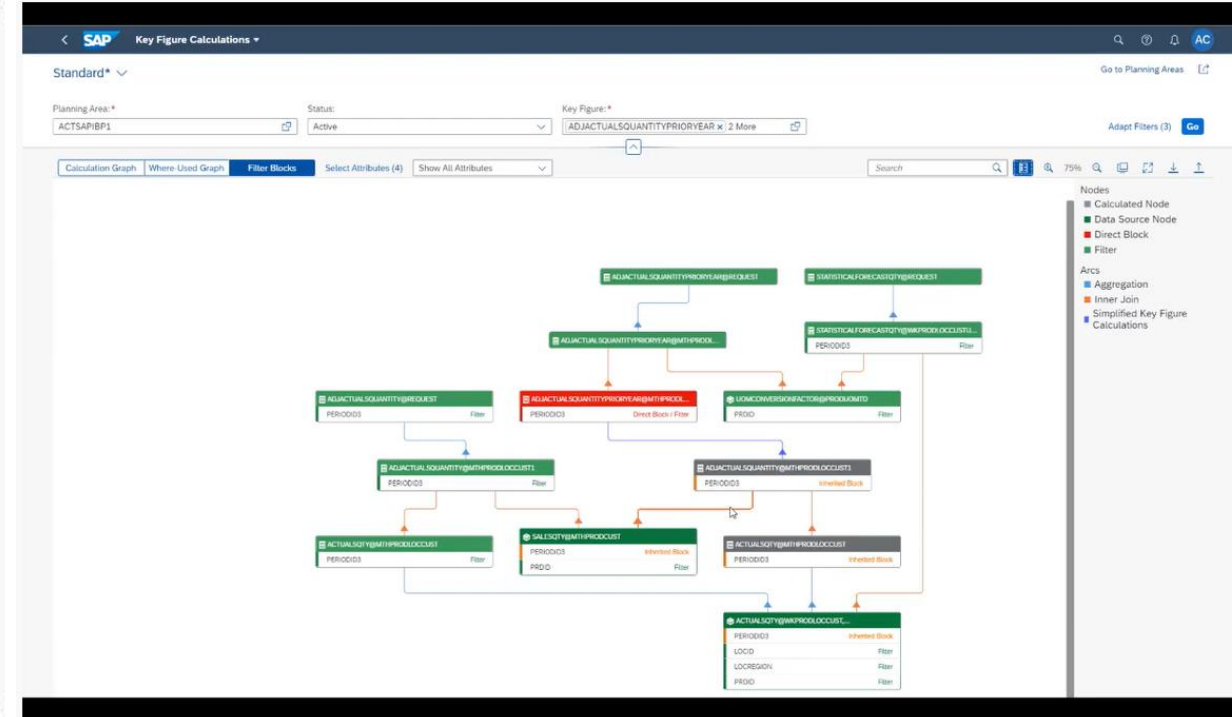
Filter Blocks in Calculation Graphs

What Is a Filter Block?



- Some modeling techniques prevent filtering on the level of stored key figures.
- Filter block is required for functional correctness.
- Data volume cannot be reduced at the level of stored key figures.
- Calculations are performed on a large data set.
- Filtering can only happen after the blocking calculation is performed.

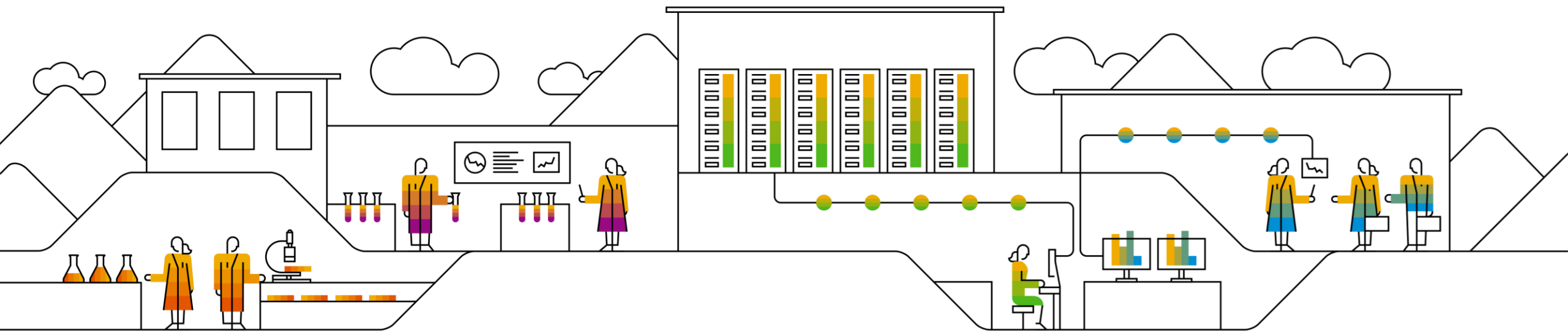
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<https://www.youtube.com/watch?v=FbKe4BezXm>

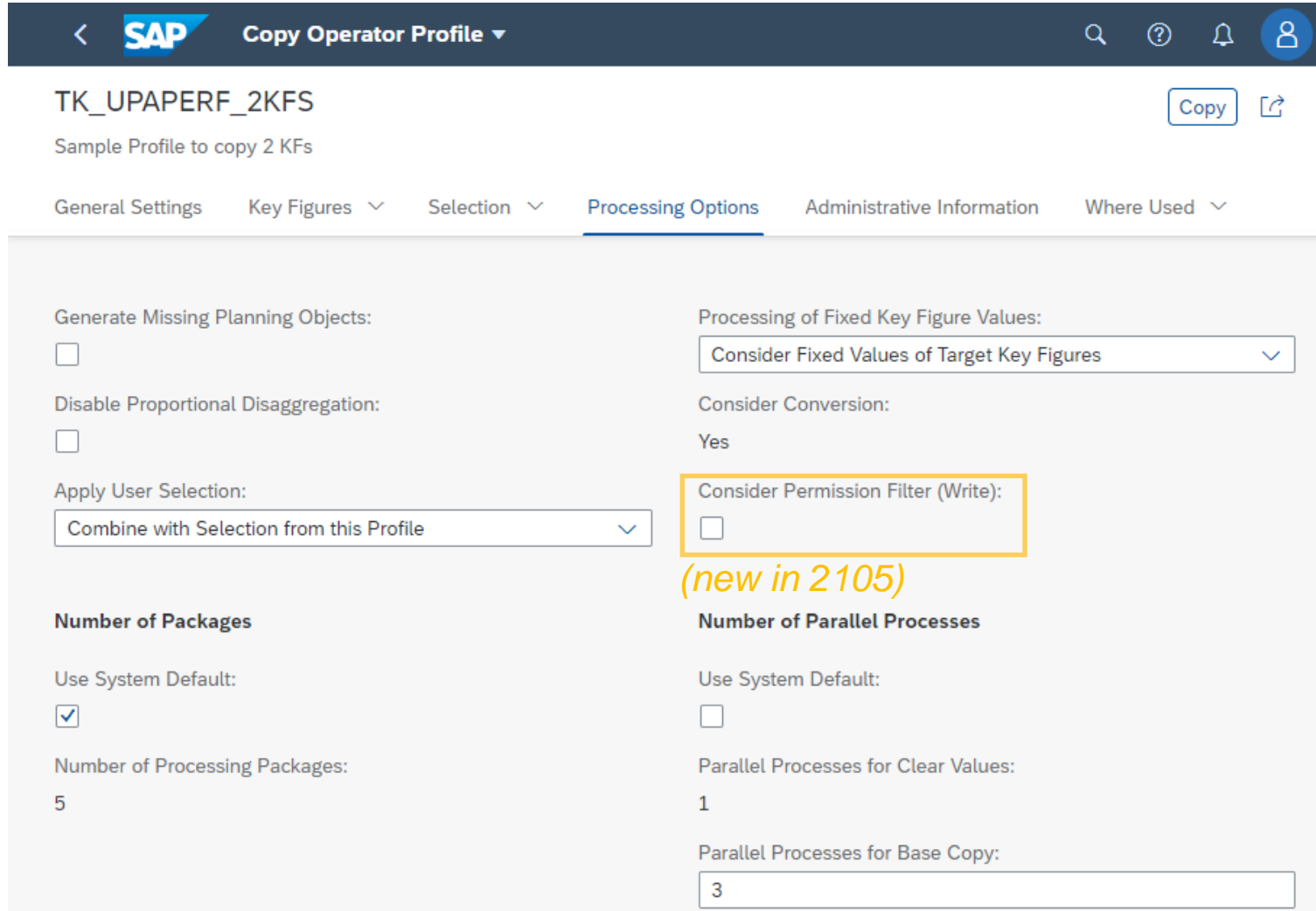
Copy Operator (Advanced)

Rainer Moritz



Copy Operator Profile

Consider Permission Filter (Write)



TK_UPAPERF_2KFS
Sample Profile to copy 2 KFs

General Settings Key Figures Selection **Processing Options** Administrative Information Where Used

Generate Missing Planning Objects:
☐

Disable Proportional Disaggregation:
☐

Apply User Selection:
Combine with Selection from this Profile

Number of Packages
Use System Default:
☒

Number of Processing Packages:
5

Processing of Fixed Key Figure Values:
Consider Fixed Values of Target Key Figures

Consider Conversion:
Yes

Consider Permission Filter (Write):
☐
(new in 2105)

Number of Parallel Processes
Use System Default:
☐

Parallel Processes for Clear Values:
1


Parallel Processes for Base Copy:
3

Consider Permission Filter (Write)

- Can be used to limit the processed data according to the user's write permissions.
- If selected, the **system checks whether the user has write permissions for the associated planning objects on detail level.**
- **If the user lacks permission, the values aren't copied and a warning is added to the log.**
- Available only in normalized systems.
- Was set to 'No' for existing or migrated profiles.

Copy Operator Profile

Copy values within one planning area – Visibility in Excel

 Copy Operator Profile ▾

TK_UPAPERF_2KFS

Sample Profile to copy 2 KFs

Copy

General Settings | Key Figures ▾ | Selection ▾ | Processing Options | Administrative Information | Where Used ▾

ID:
TK_UPAPERF_2KFS

Name: *
Sample Profile to copy 2 KFs

Description:
Sample Profile to copy two key figures

Planning Area:
Unified Planning Area (UPAPERF)

User Filter:
Optional ▾

Copy Option:
Copy Key Figure Values Within One Planning Area

SAP IBP, Add-In for Microsoft Excel

Display: *(new in 2105)*
☒

Order:
6

Display

- Defines if the profile is visible in the SAP IBP, Add-In for Microsoft Excel

Copy Operator (Advanced)

Other selected Enhancements

- **Parallel Processing of Base Level Copy**

The technical prerequisites for parallel processing of base level copy have been reduced. **Parallel processing can now be used in more cases.**

- **Time-Independent Source Key Figures**

Previously, time-independent key figures were only supported as source key figures in copy operator profiles if they had a time-dependent request level calculation. This restriction no longer applies.

- When defining attribute selections, you can use the **selection option *contains* for external key figures.**

- **A new chapter *Disaggregation* has been added to the application help.** It describes many details such as the configuration, different disaggregation modes and how proportional disaggregation works. It also contains tips and tricks when working with disaggregation.

Copy Operator (Advanced)

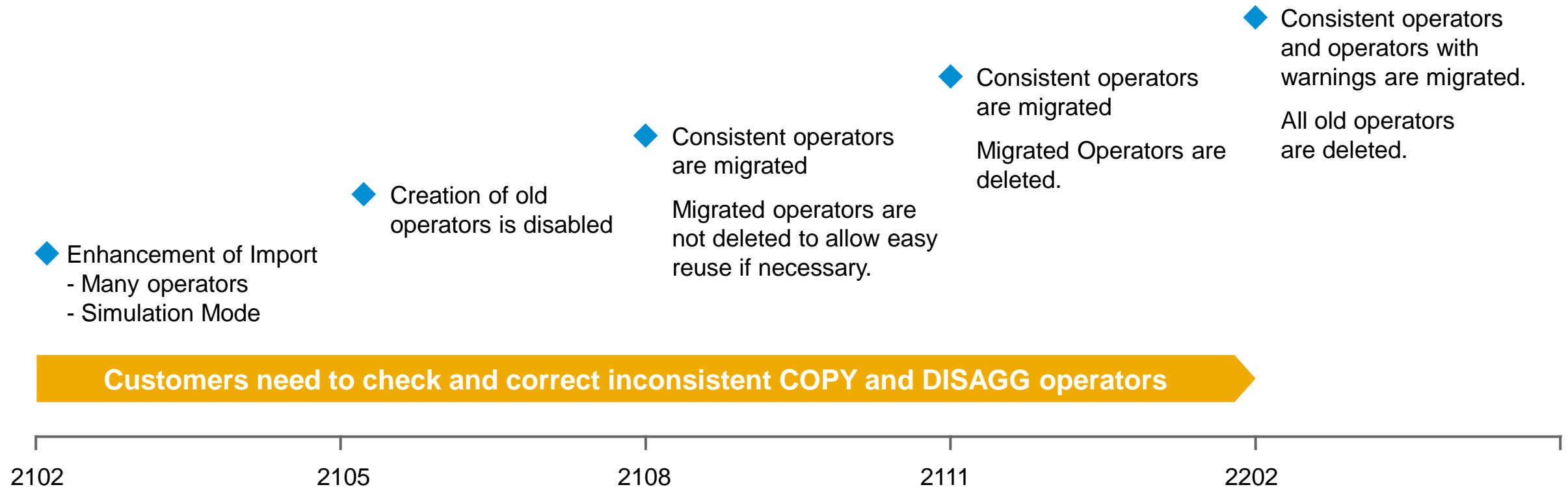
Migration

- You can no longer create the “old” copy (COPY) and “old” disaggregation (DISAGG) operators in the *Planning Operators* app.
- Existing operators of these types can still be use and modified, but you can no longer create new ones.
- SAP recommend that you manually migrate existing operators using the mass import action in the *Copy Operator Profiles* app during IBP 2105.
- If you wait for the SAP driven migration that is planned to start with IBP 2108 you should start preparing the migration.

Details of the planned migration see consulting note [3024456](#).

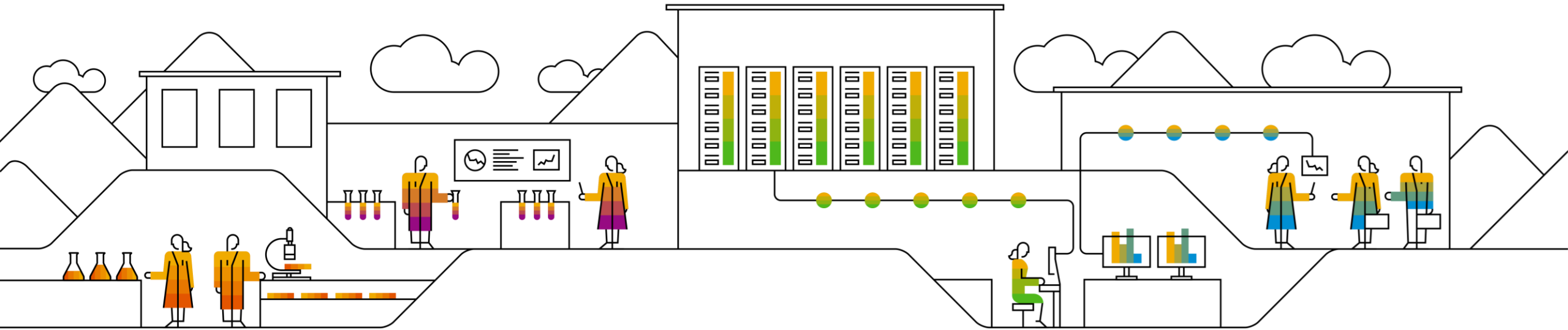
The Overall Picture

Migration Plan for Existing Customers – Overview



Integration

Reinhard Sudmeier



2105 Highlights

❑ /IBP/EXTRACT_ODATA_SRV

- Version dependant master data read

■ Example:

[https://{{base_url}}/{{service_url}}/{{planning_area}}?\\$select=PRODID,PRODUCTNAME&\\$filter=SCNID eq 'New Product Introduction Version'&\\$format=json](https://{{base_url}}/{{service_url}}/{{planning_area}}?$select=PRODID,PRODUCTNAME&$filter=SCNID eq 'New Product Introduction Version'&$format=json)

- Multiple key figures write in one single POST request (package)
 - All key figures shall be on the same planning level

❑ /IBP/PLANNING_DATA_API_SRV

- Enablement of synchronous key figure read
 - Beside key figure writing, the key figure read is enabled as well
- Writing key figure values into User Defined Scenarios
 - A dedicated global parameter value shall be pre-configured
- Multiple key figures write in one single POST request (package)
 - All key figures shall be on the same planning level

Today's Presenters from Product Management:

- a.weber@sap.com – Normalization Migration
- alexander.grendel@sap.com - IBP Excel Add-In
- balazs.rabel@sap.com – IBP Excel Add-In
- balazs.buday@sap.com - Model Configuration / Multi-Language
- gabor.mittweg@sap.com - Simplified Key Figures
- kenton.harman@sap.com – Analytics and Dashboards
- pramod.mane@sap.com – Web-based Planning
- Reinhard.Sudmeier@sap.com - Integration
- rainer.moritz@sap.com - Copy Operator
- evelyna.holban@sap.com – AAKF Statistics, Application Job Templates, Manage Editability Horizon
- raghav.jandhyala@sap.com – Web-based Planning, Change History Analysis App, Machine Learning for Master Data

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Thank you.

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