



What's New in SAP Integrated Business Planning 2108 (Planned) / Part 1 Planning UI, Foundation, Technical Topics

SAP Product & Solution Management
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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 2108** is currently planned for **August 4, 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.**”


The screenshot shows the SAP Help Portal interface for SAP Integrated Business Planning for Supply Chain 2105. The page has a dark header with the SAP logo and 'SAP Help Portal' text. Below the header, the main title 'SAP Integrated Business Planning for Supply Chain' is displayed with a star icon and '2105' and 'English' dropdowns. A search bar with the placeholder 'Enter keywords or a product name' is present, along with a 'Download PDFs' button. The navigation bar includes links for 'Discover', 'What's New', 'Implement', 'Integrate', 'Use', 'Learn and Get Certified', and 'See all'. The 'What's New' section is active, showing a megaphone icon and the title 'What's New'. Below this, there are four main content areas: 'What's New in SAP IBP for Supply Chain 2105?', 'What's New in the Unified Planning Area?', 'Upcoming and Recorded Events and Webinars', and 'What's New for Previous Releases?'. The 'Sneak Preview' link is highlighted in a red box, with the text 'Explore here what is planned for the release 2108 (scheduled for August 2021)' below it.


SAP SAP Help Portal

SAP Integrated Business Planning for Supply Chain [★]2105 ▾ English ▾

This product ▾ Enter keywords or a product name 

Advanced Search ▾

 [Download PDFs](#)



Discover What's New Implement Integrate Use Learn and Get Certified  See all

What's New

What's New in SAP IBP for Supply Chain 2105?


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?

Find the configuration enhancements in the unified planning area (sample planning area SAPIBP1) related to new features in 2105.

Upcoming and Recorded Events and Webinars




Find the recording and the slides for the What's New webinar for 2105, planned for April 2021, plus a vast list of upcoming and recorded webinars with our experts.

What's New for Previous Releases?

Get an overview of new features provided with earlier releases.

Release Information Note (SAP Note 3017637)



Access important SAP Notes that provide additional

Sneak Preview

Explore here what is planned for the release 2108 (scheduled for August 2021).

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 2108, we have published the sneak preview on **July 9**.

For 2111, we are planning to make it available on **October 3**, around 4 weeks before the planned RTC on August 4.

Feedback welcome any time.

The screenshot shows the SAP Help Portal interface for SAP Integrated Business Planning for Supply Chain 2105. A red diagonal banner with the text "2108 example" is overlaid on the top left. The page title is "SAP Integrated Business Planning for Supply Chain 2105". Below the title, there is a search bar with the placeholder text "Enter keywords or a product name" and a "This product" dropdown. To the right of the search bar is an "Advanced Search" link. 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, there is a section titled "What's New" with a megaphone icon. Under this section, there are several links: "What's New in SAP IBP for Supply Chain 2105?", "What's New in the Unified Planning Area?", "Upcoming and Recorded Events and Webinars", "What's New for Previous Releases?", "Sneak Preview", and "Release Information Note (SAP Note 3017637)". The "Sneak Preview" link is highlighted with a green oval. The "Sneak Preview" link text is "Sneak Preview" and the description below it is "Explore here what is planned for the release 2108 (scheduled for August 2021)."



How to make the most of the What's New on SAP Help Portal?

It's simple:

- Start with the What's New overview table.
- Use the filters.

Hot filter values (examples):

- In the *Types* column:
 - *New*
 - *Mandatory task after upgrade*
- In the *Impact* column:
 - *Normalized systems only*

Home /

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What's New in SAP Integrated Business Planning for Supply Chain 2105

How to Use the What's New Table

What's New History

Normalization

> Identity and Access Management

> Administration

> Business Network Collaboration

> Data Integration

> Model Configuration

> Unified Planning Area (SAPIBP1)

> SAP IBP, Add-In for Microsoft Excel

> Web-Based Planning

> Process Management

> Demand Planning

> Inventory Optimization

> Demand-Driven Replenishment

> Driver-Based Planning

What's New in SAP Integrated Business Planning for Supply Chain 2105

> About this version

> What's New in 2105, and what you need to do after the upgrade to 2105?

The What's New table below lists all news and changes. You can filter the table according to your needs, in particular, to find the tasks that you need to perform immediately after the upgrade. Just click the blue **Filter** in the column header. For more information, see [How to Use the What's New Table](#).

Note

To list the features that are only available in normalized systems, filter the **Impact** column for **Normalized systems only**. For more information, see [Normalization](#).

What's New

Show/hide columns: All entries. Previous

Search: Search the entire table

Business Topics	Types	Target Groups	Impact	What's New - Headline
Filter	Filter	Filter	Filter	Search within the column
Administration	Prepare next release	Administrator/configuration expert	Web UI	As already announced in SAP IBP 2011, the Maintain Employees (F2288) app has been replaced by Maintain Employees (F2288a). You can find both apps next to each

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
- Foundation Topics
- SAP IBP, Add-in for Microsoft Excel
- Planner's Workspaces
- Work Zone
- Simulation Engine
- Copy Operator
- Integration

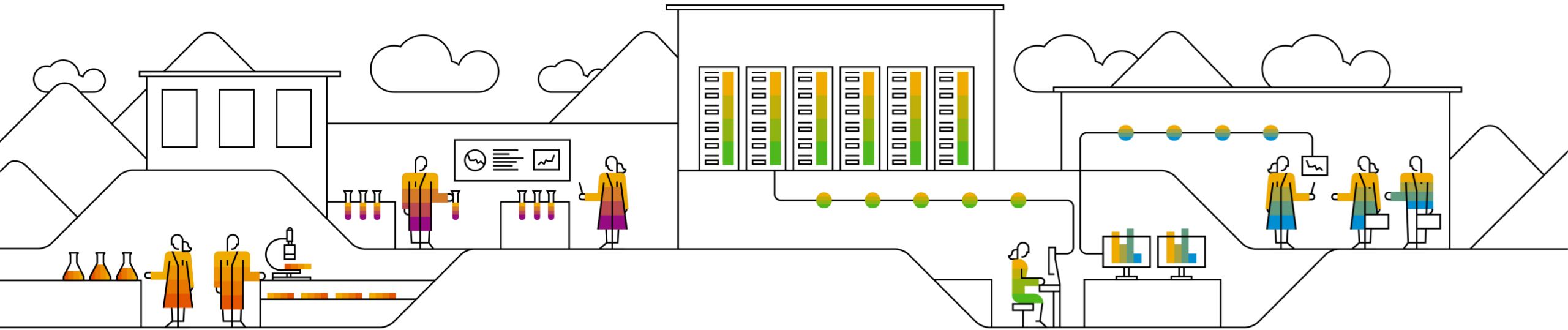
Tomorrow

Part 2: Applications and Business Processes

- Best Practices
- Demand & Demand Sensing
- Inventory Optimization
- DDMRP
- Supply Chain Control Tower
- Sales & Operations Planning
- Time Series Planning
- 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
- Since IBP 2105, many new features will only be available in normalized systems
- The majority of IBP systems is normalized. If your landscape is still not normalized:
 - Please follow the steps described in [SAP Note 2885814](#) to start normalization migration of your systems
 - Create a ticket to align on the migration schedule
 - Not only customer, but also partner systems need to be migrated
 - Remark: All newly provisioned landscapes are normalized since IBP 1908 – no migration required

2108 “Normalized systems only” features in What’s New Overview

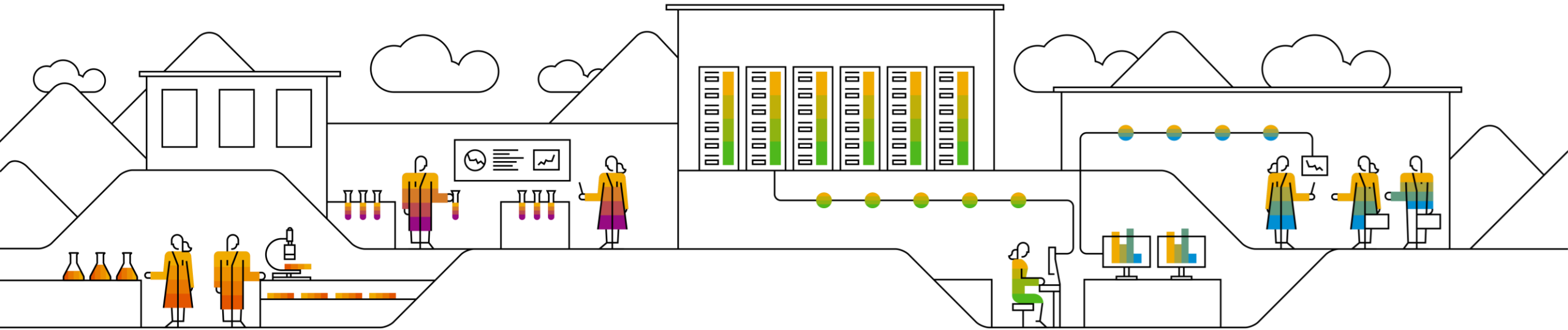
See What’s New documentation

- Use filter “normalized systems only”
- [Link to What’s New 2108](#)
- See Screenshot on the right
 - This is only an extract, not the full list!

Business Topics [▲]	Types	Target Groups	Impact	What’s New - Headline	What’s New - Details
Filter	Filter	Filter	Filter	<input type="text" value="Search within the column"/>	
Cross applications	New	Administrator/configuration expert Business user	Web UI Global configuration parameter Role/business catalog Normalized systems only	You can delete planning objects in the new Manage Planning Objects app.	New App: Manage Planning Objects
Cross applications	New	Administrator/configuration expert	Global configuration parameter Normalized systems only	To improve performance in disaggregation and simulative planning, a new simulation engine is now available. This engine will replace the SAP HANA Planning Engine that SAP IBP uses, for example, to disaggregate key figure values. The new engine offers all the capabilities of the SAP HANA Planning Engine and allows IBP-specific functional enhancements and performance optimizations.	Performance Improvements for Disaggregation and Simulative Planning
Demand planning	New	Business user	Web UI Normalized systems only	The creation of planning objects for new products in the Manage Product Lifecycle app has been enhanced.	Enhanced Creation of Missing Planning Objects
Web planning UIs	New	Administrator/configuration expert Business user	New SAP Fiori app Role/business catalog Normalized systems only	<p>The new Planner Workspaces app is available for creating and managing Planner Workspaces based on your business needs.</p> <p>A Planner Workspace is a configurable work environment where you can plan, analyze issues in your plans, and solve these issues with the help of custom alerts and simulations. To adapt your Planner Workspace to your needs, you can flexibly add a custom alerts overview and different planning views for your business scenario. This way, you can combine your planning tools on one single screen.</p> <p>For this new app, a new business catalog has been introduced that contains the app as well as a new restriction to control which functions a user can use in the app.</p>	New App: Planner Workspaces


Analytics and Dashboards

Kenton Harman



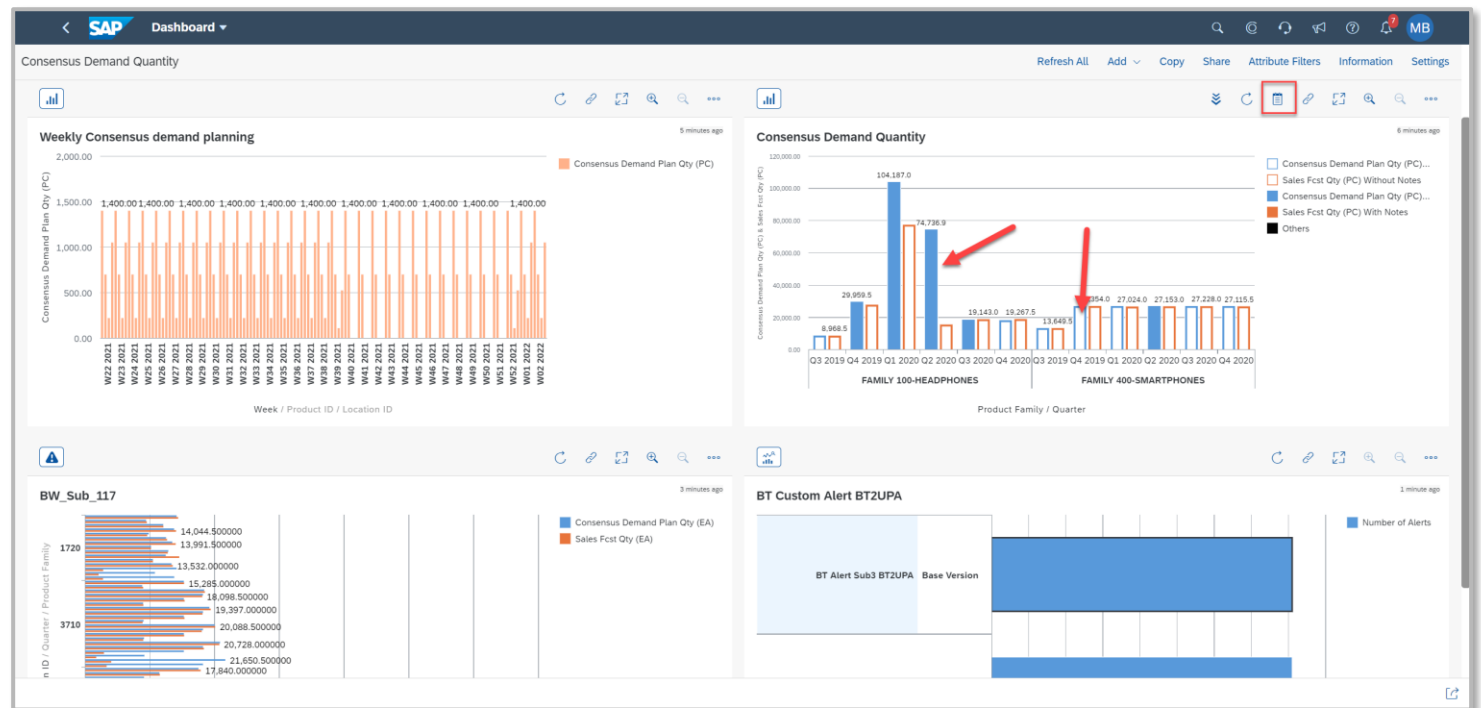
Display of planning notes in dashboards

Planning notes can now be viewed from the charts on a dashboard

If a chart contains notes, the icon  will appear

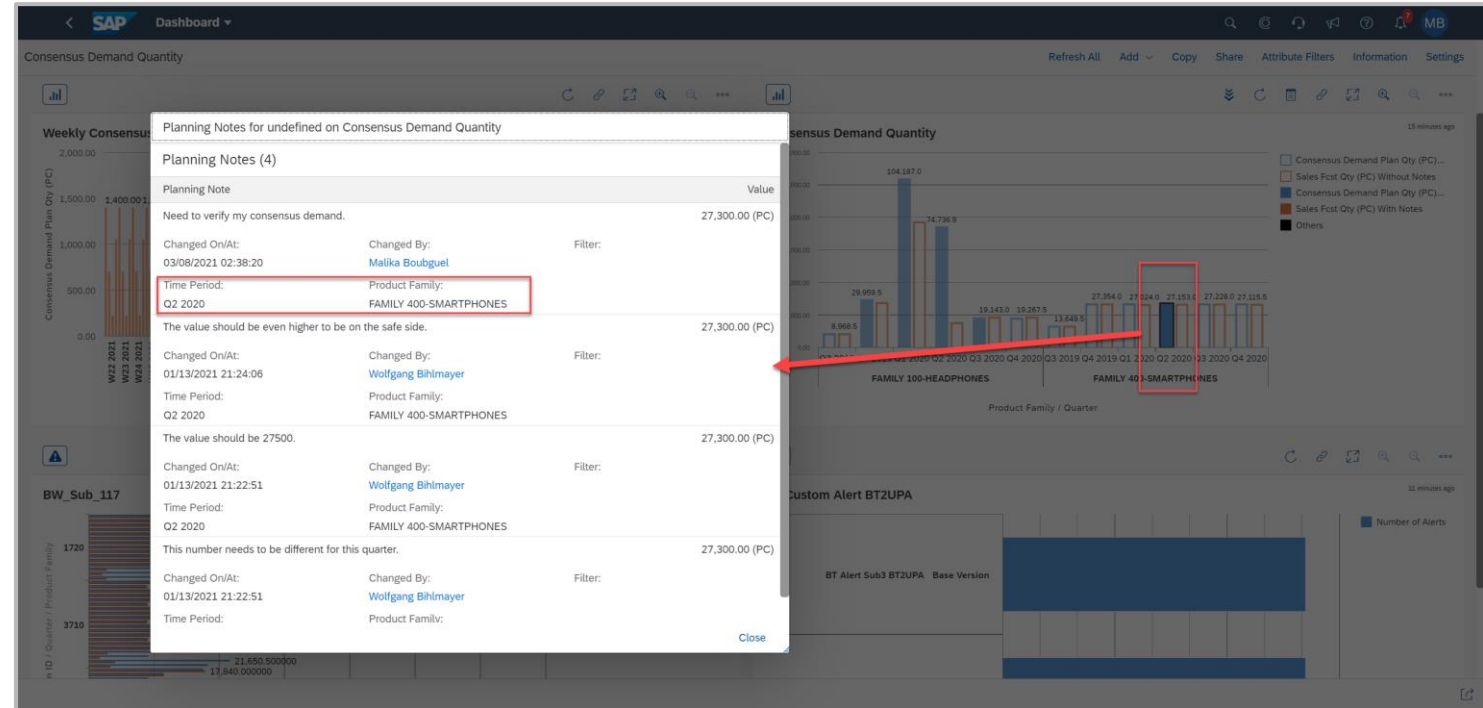
By clicking on the icon:

- Data points with notes will be shown in plain pattern
- Data points without notes will be show with empty pattern



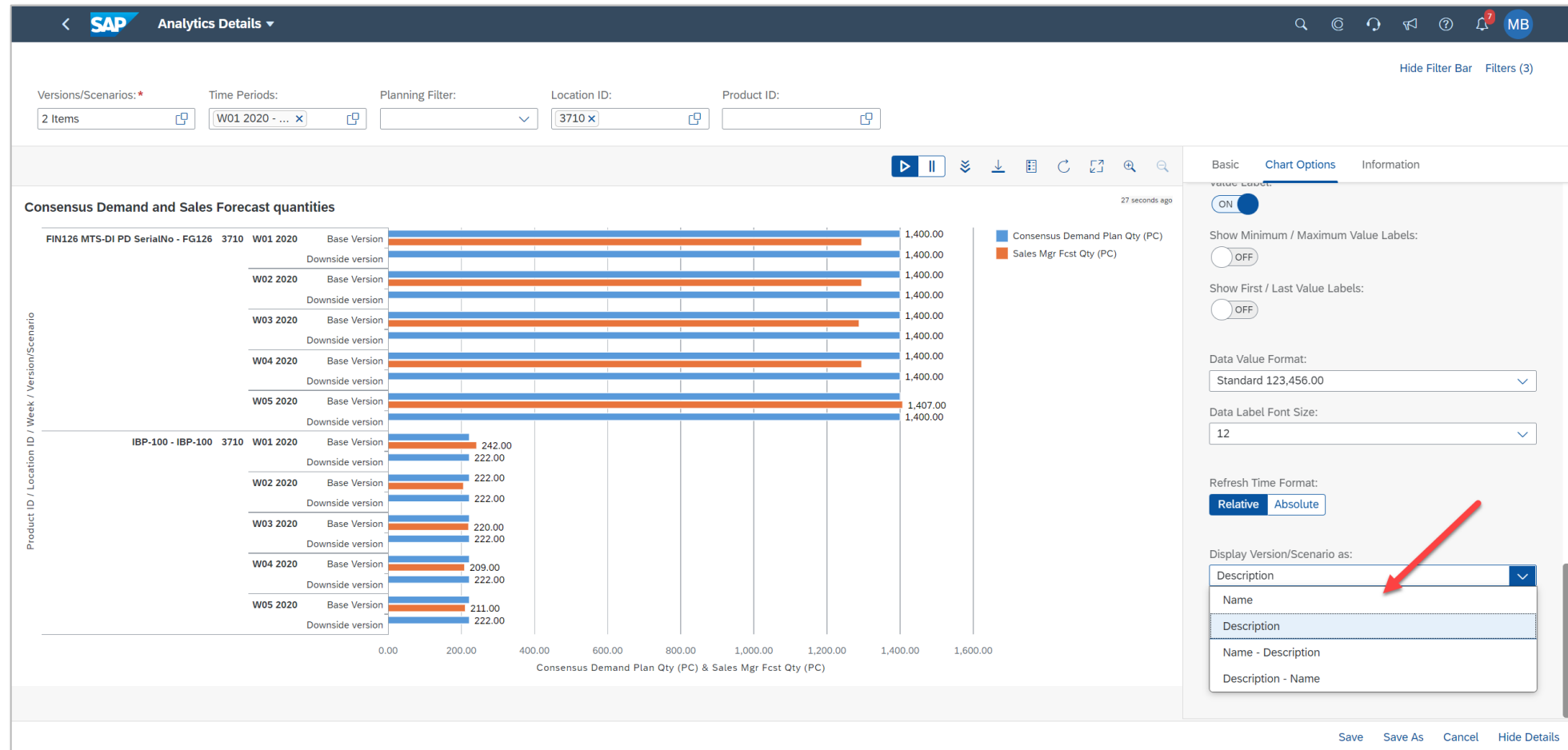
Display of planning notes in dashboards(2)

- By clicking on the data point, a popup will appear and all the associated notes to that data point are shown
- The pop-up is resizable and can be moved to ease the reading of the notes



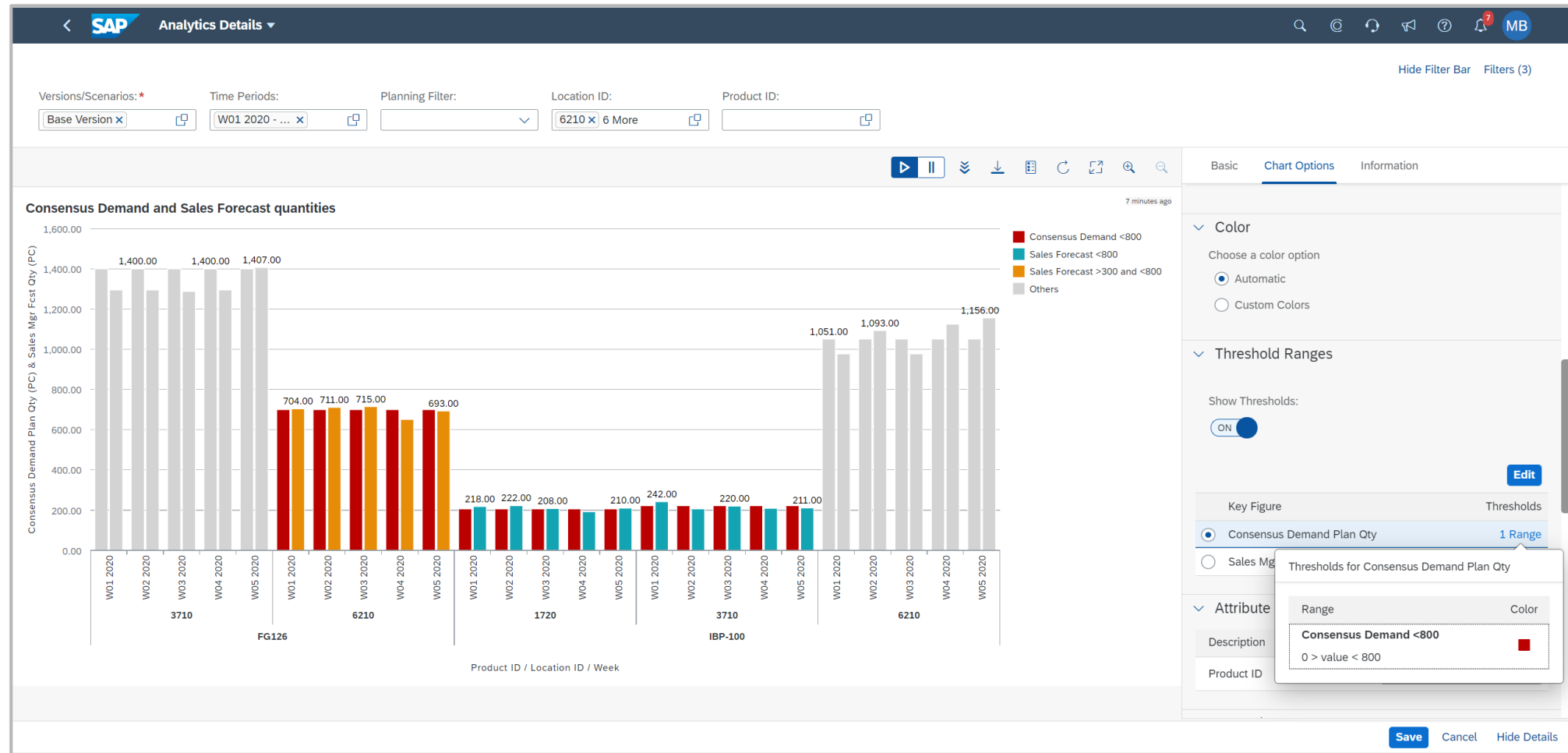
Display option for name, description of version/scenario

Users will be able to choose the displayed version/scenario name, description or both



Multiple key figures thresholds

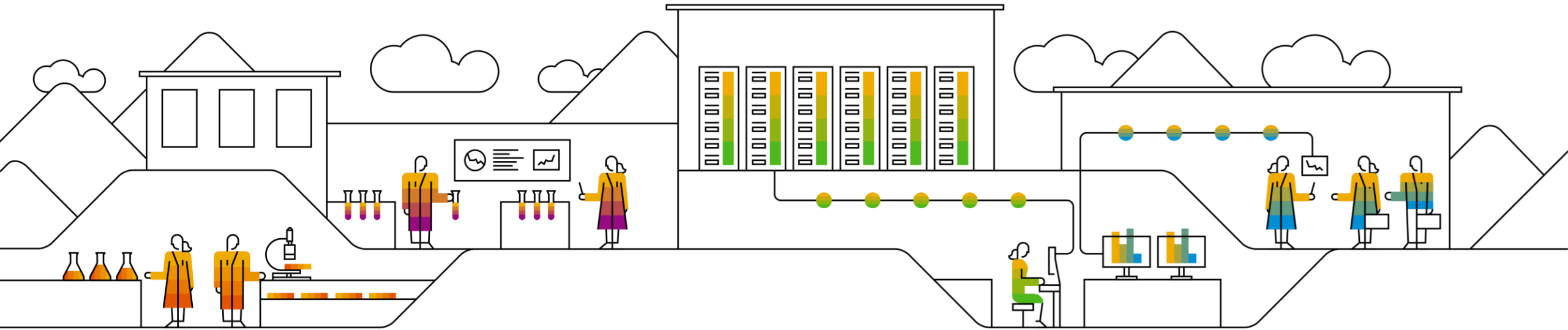
Users will be able to define for multiple key figures, different threshold ranges



Time Series per Planning Level Statistics

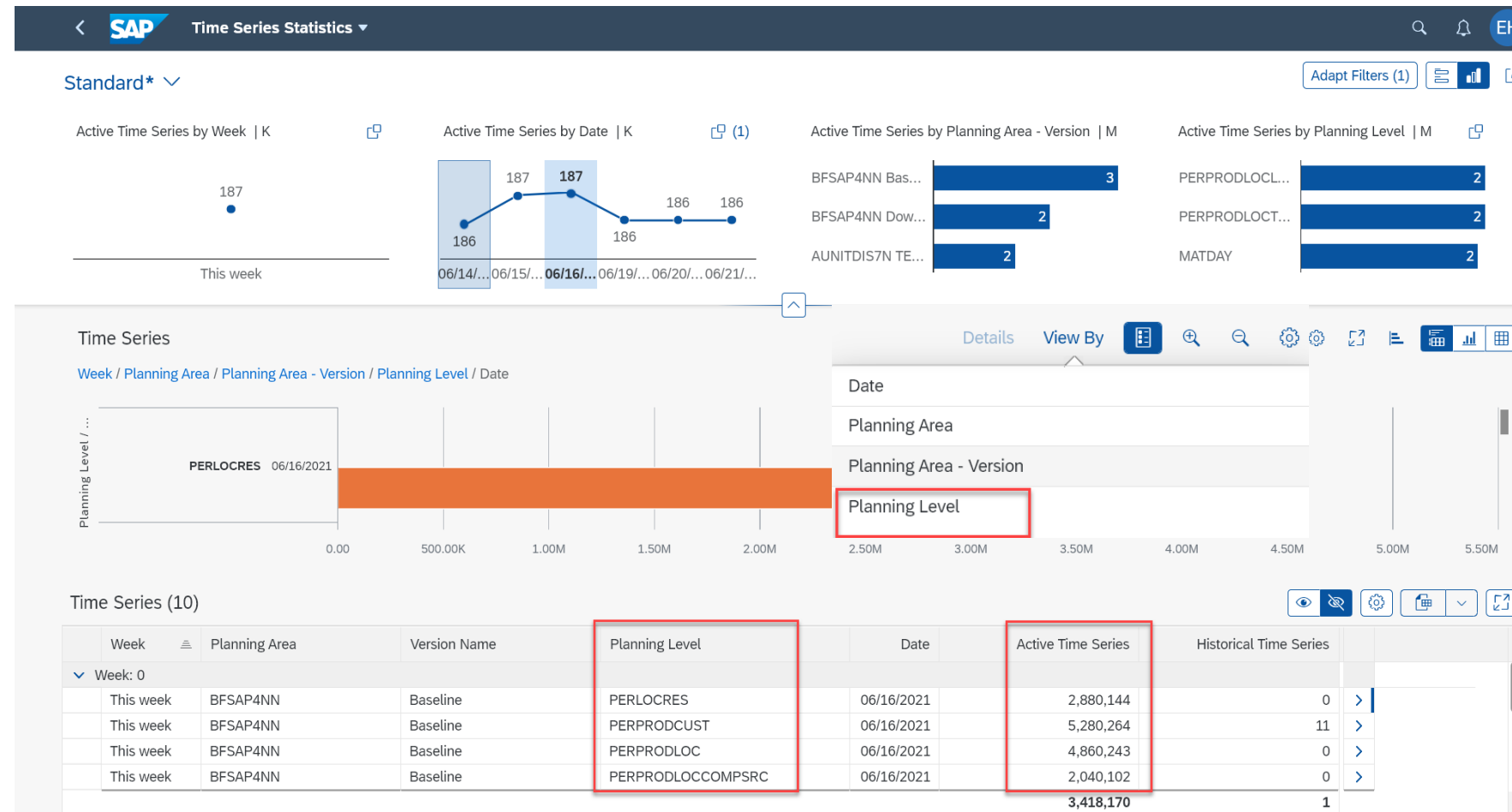
Normalized Systems

Evelyna Holban



Time Series per Planning Level Statistics – Normalized Systems

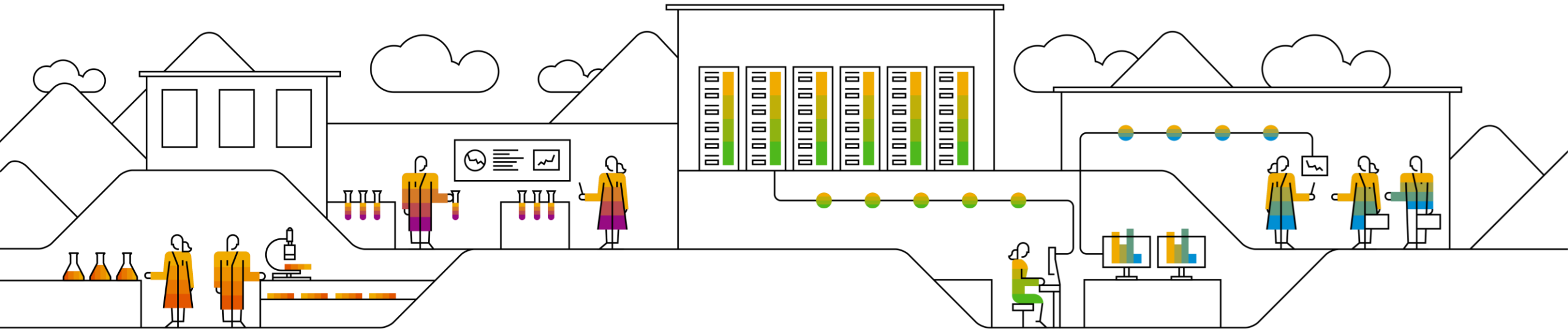
- Number Active and Historical Time Series per planning level
- Drill-down by
 - Planning Area
 - Version
 - Planning Level



Manage Editability Horizons for Key Figures

Normalized Systems

Evelyna Holban



Editability Horizons for Key Figures - Enhancements

Enhancements:

- Change History
- Assigned to Users- display and navigate to users
- Assigned to Business Roles – display and navigate to roles
- Export Editability Horizons from the test system and import them in the production system via Software Collections

FROZENHORIZON Demand Quantity
FROZENHORIZON

Key Figures (1) Horizon Assigned to Users (2) Assigned to Business Roles (1) **Change History** Administrative Information

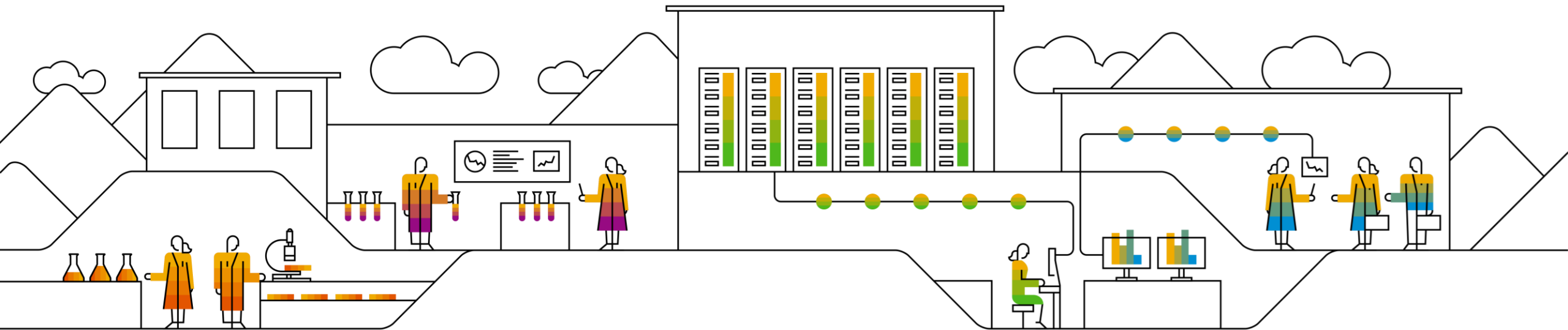
Edit Copy Delete

Search

Section	Type of Change	Field	Previous Value	New Value	Changed On
Changed On: 2021.07.08, 13:07:11					
General Information	Add	Restriction Type for Editability Horizon		Restricted	2021.07.08, 13:07:11
General Information	Add	Planning Area		RBSAP6	2021.07.08, 13:07:11
Horizon	Add	Fixed Rule	Off	On	2021.07.08, 13:07:11
General Information	Add	Status		In Progress	2021.07.08, 13:07:11
Horizon	Add	Time Period		3	2021.07.08, 13:07:11
General Information	Add	Name		FROZENHORIZON Demand Quantity	2021.07.08, 13:07:11
Key Figures	Add	Key Figure ID		DEMANDPLANNINGQTY	2021.07.08, 13:07:11
Horizon / Fixed Rule	Add	Time Profile Offset From		1	2021.07.08, 13:07:11
Horizon / Fixed Rule	Add	Time Profile Offset To		5	2021.07.08, 13:07:11
Changed On: 2021.07.08, 13:14:48					
General Information	Modify	Status	In Progress	Ready	2021.07.08, 13:14:48

Application Jobs enhanced authorization for other user's jobs

Evelyna Holban



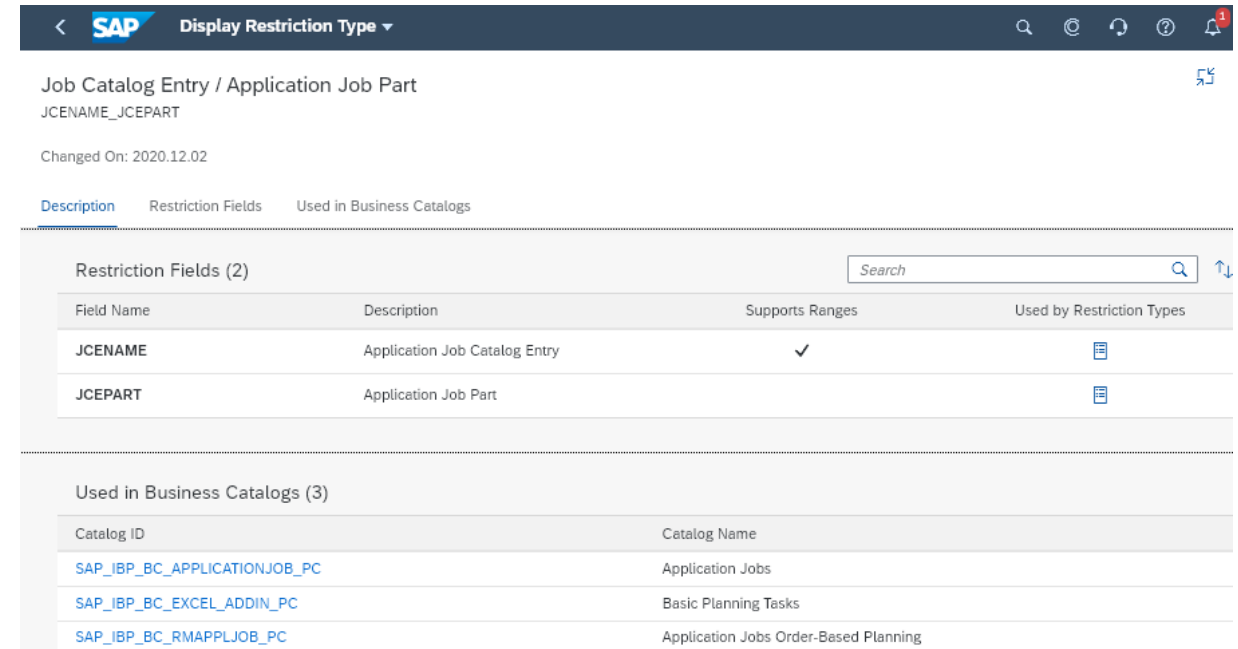
Application Jobs – Authorization on jobs scheduled by other users

You can grant authorizations to users to:



- View details and logs
 - Restart
 - Cancel
 - Copy
- of jobs scheduled by other users and are based on specific job catalog entries.

New Restriction Type – Job Catalog Entry/Application Job Part

- Fields:
 - Application Job Catalog Entry
 - Application Job Part
 - ✓ JOB – Whole job
 - ✓ APPLOG – application log of the job
 - ✓ SPOOL - job results
- Used in the Business catalogs:
 - SAP_IBP_BC_APPLICATIONJOB_PC - Application Jobs
 - SAP_IBP_BC_EXCEL_ADDIN_PC – Basic Planning Tasks
 - SAP_IBP_BC_RMAPPLJOB_PC – Application Jobs Order-Based Planning



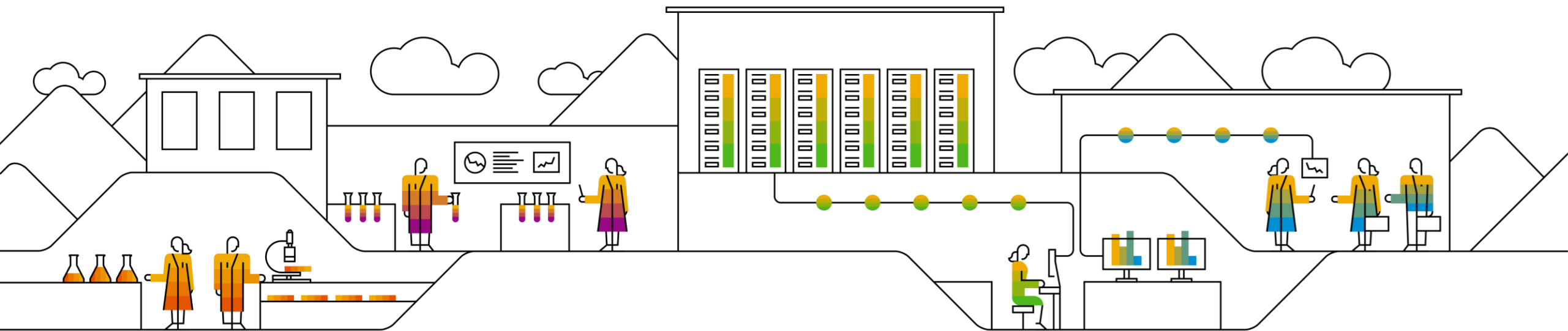
The screenshot shows the SAP S/4HANA 'Display Restriction Type' interface. The title bar indicates 'Display Restriction Type' with a dropdown arrow. Below the title, the path 'Job Catalog Entry / Application Job Part' is shown, followed by the identifier 'JCENAME_JCEPART'. A note states 'Changed On: 2020.12.02'. The interface has three tabs: 'Description' (selected), 'Restriction Fields', and 'Used in Business Catalogs'. The 'Description' tab shows a table with two rows: 'JCENAME' (Application Job Catalog Entry) and 'JCEPART' (Application Job Part). The 'Restriction Fields' tab shows a table with two rows: 'JCENAME' (Application Job Catalog Entry) and 'JCEPART' (Application Job Part). The 'Used in Business Catalogs' tab shows a table with three rows: 'SAP_IBP_BC_APPLICATIONJOB_PC' (Application Jobs), 'SAP_IBP_BC_EXCEL_ADDIN_PC' (Basic Planning Tasks), and 'SAP_IBP_BC_RMAPPLJOB_PC' (Application Jobs Order-Based Planning).

Field Name	Description	Supports Ranges	Used by Restriction Types
JCENAME	Application Job Catalog Entry	✓	
JCEPART	Application Job Part		

Catalog ID	Catalog Name
SAP_IBP_BC_APPLICATIONJOB_PC	Application Jobs
SAP_IBP_BC_EXCEL_ADDIN_PC	Basic Planning Tasks
SAP_IBP_BC_RMAPPLJOB_PC	Application Jobs Order-Based Planning

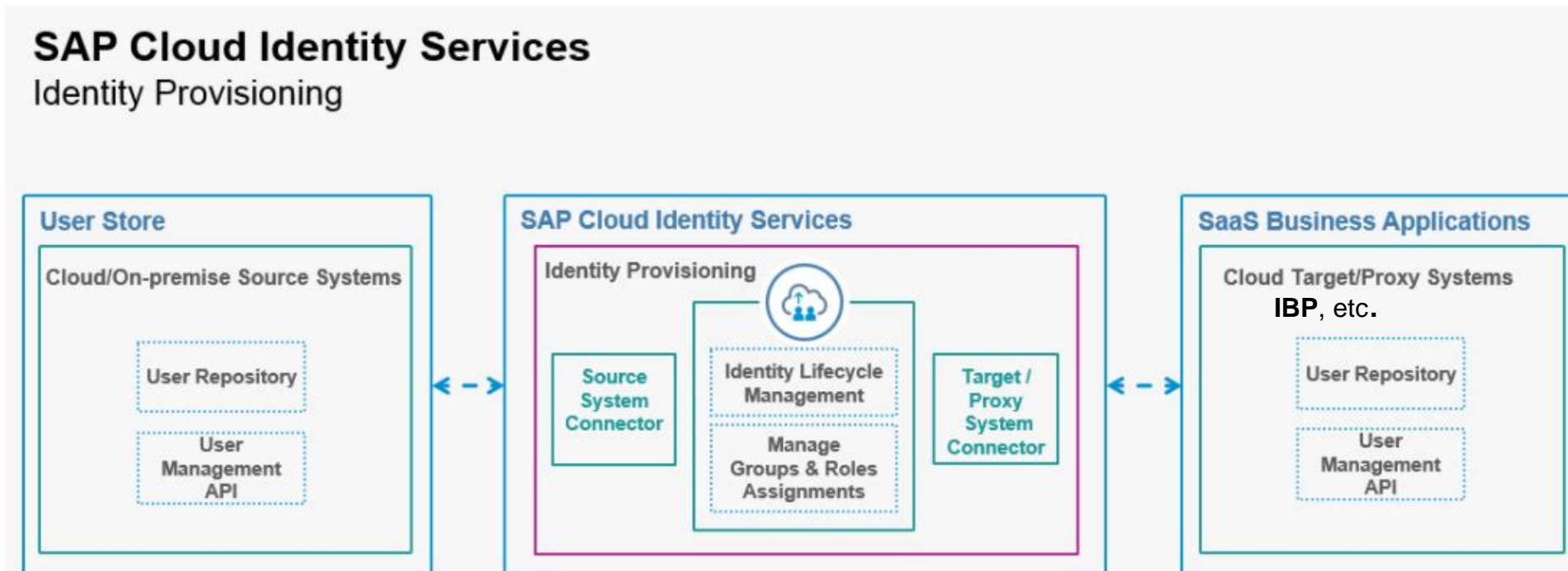
IBP Bundled with Identity Provisioning Service

Evelyna Holban



IBP bundled with Identity Provisioning

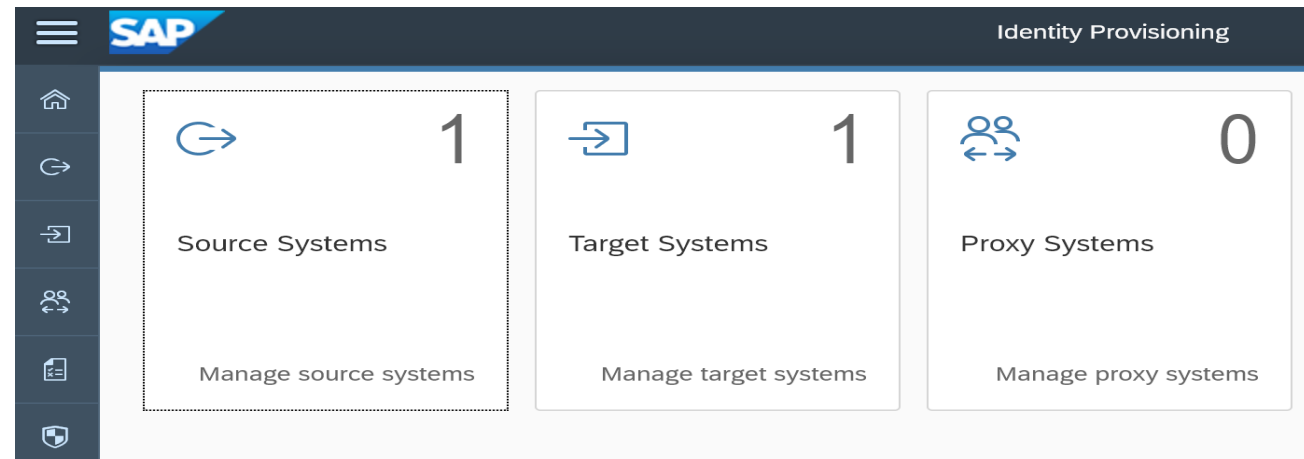
Identity Provisioning Service automates the user provisioning and business roles assignments to users out of their existing corporate user stores.



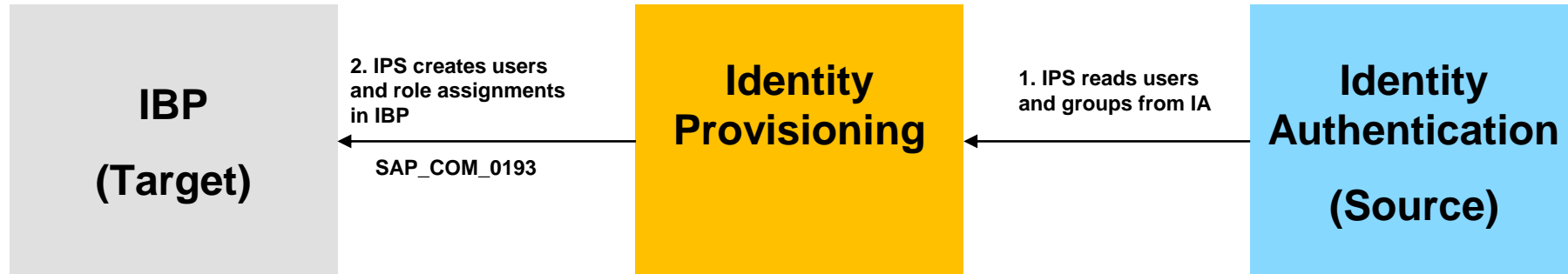
IBP bundled with Identity Provisioning

You can request an Identity Provisioning Bundle Tenant via a ticket.

Preconfigured flow needs to be enabled by scheduling the IPS jobs.



Preconfigured Flow

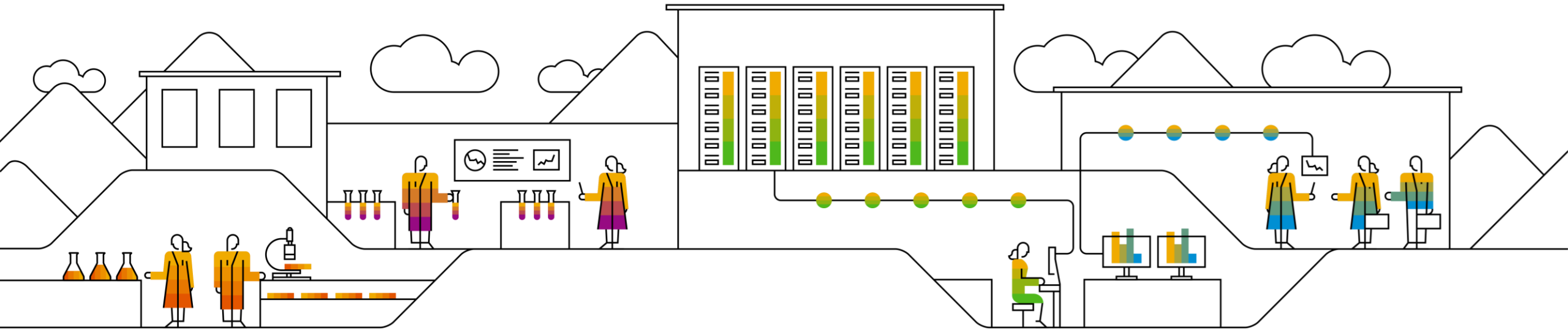


IBP – Identity Provisioning bundle – Provisioning Systems

SAP Integrated Business Planning Cloud	Identity Authentication	Source, Target, Proxy
	SAP Integrated Business Planning Cloud	Source, Target, Proxy
	SAP Application Server ABAP	Source, Proxy
	SAP S/4HANA On-Premise	Source, Proxy
	Microsoft Azure Active Directory	Source, Proxy
	Microsoft Active Directory	Source, Proxy
	Google G Suite	Source, Proxy

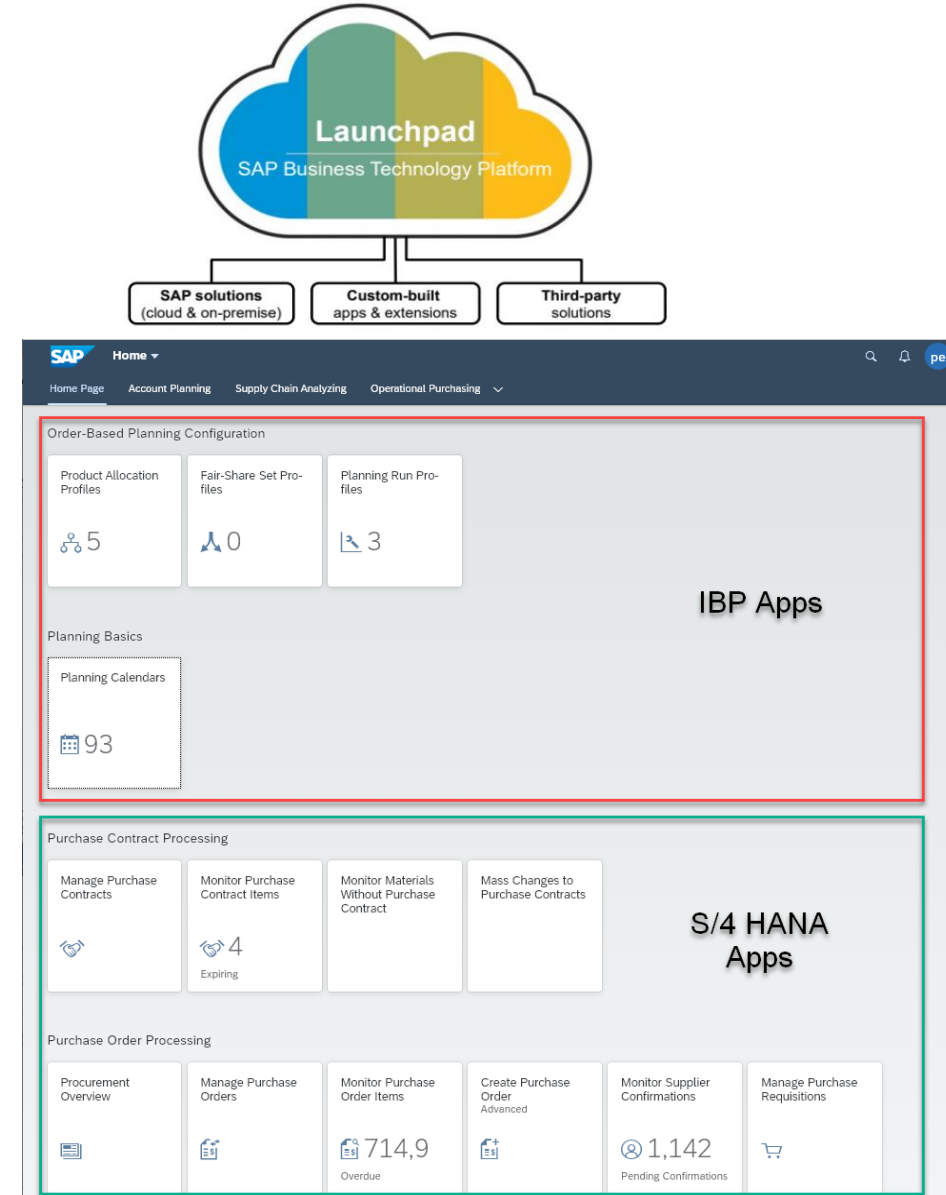
IBP Integration with SAP Fiori Launchpad Service

Evelyna Holban



Integration with SAP Launchpad Service (subscription needed)

- Integrate into one central launchpad content from SAP Integrated Business Planning for Supply Chain (SAP IBP), SAP S/4HANA for cloud and on premise, and other content providers
- Expose Business Roles in IBP to Central FIORI Launchpad
- Create Sites in SAP Launchpad Site Manager assigning roles from different content providers
- Users access is based on IBP role assignment and BTP role collection assignment



Integration with SAP Launchpad Service

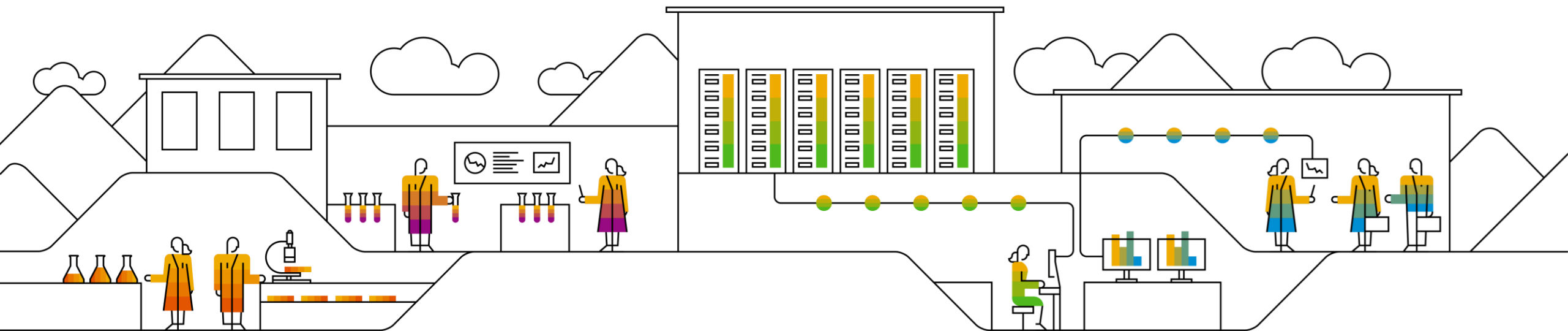
Launchpad Site Features:

- Home page personalization
- Integration with central services: Security&SSO, Theme Designer, Fiori Pages and Spaces, Web Assistant
- Integration done via the communication scenarios:
- Design Time: SAP_COM_0647 – FLP Content Exposure Integration
- Run Time: SAP_COM_0472 - SAP Central Fiori Launchpad Integration

The screenshot displays the 'Settings' page for a Launchpad site named 'IBP_DEMO_NEW'. The interface is organized into three columns: General, User Capabilities, and Display. The General column contains fields for Name, Description, ID, URL, Site Alias, and creation/modification details. The User Capabilities column includes Personalization, Theme Selection, Language Selection, and Recent and Frequent Activities. The Display column includes Launchpad View Mode, Groups, Tile Size, Responsive, Display on the screen, Search in Shell Header, Show or Hide Groups/Sections, Show Notifications, All My Apps, and Select where to display. The right sidebar shows the 'Assignments' section with a list of roles: Account Planner (IBP), Purchaser, Supply Chain Analyst (IBP), and Supply Planner - Business Partner (I...). The roles are grouped under 'Roles' and 'Display Assigned Items'.

Excel Add-in: Time-Based Disaggregation to Partially Editable Child Nodes

Patrick Weber

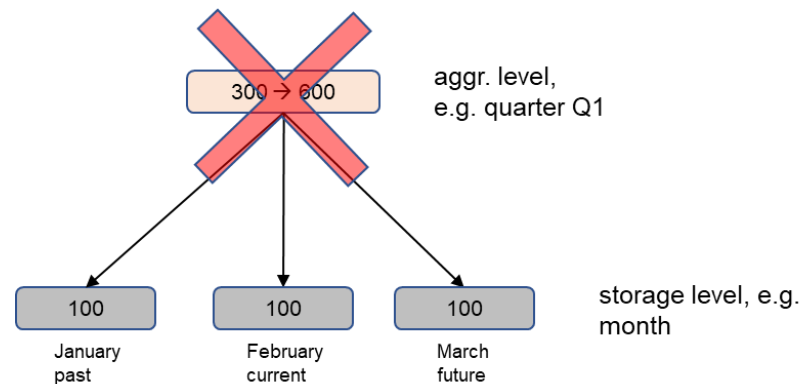


Time-Based Disaggregation to Partially Editable Child Nodes

How does it work?

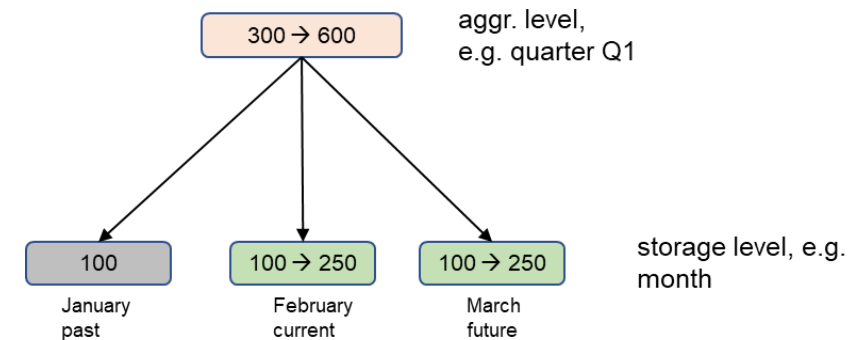
With this new feature, the user **can edit a key figure value for the current period on aggregated level**, even if the period is only partially editable.

Old Behaviour



Until now, the user was **not allowed** to edit a key figure value for the current period on aggregated level, if the period was only partially editable, even if the key figure itself was editable in the current or future period.

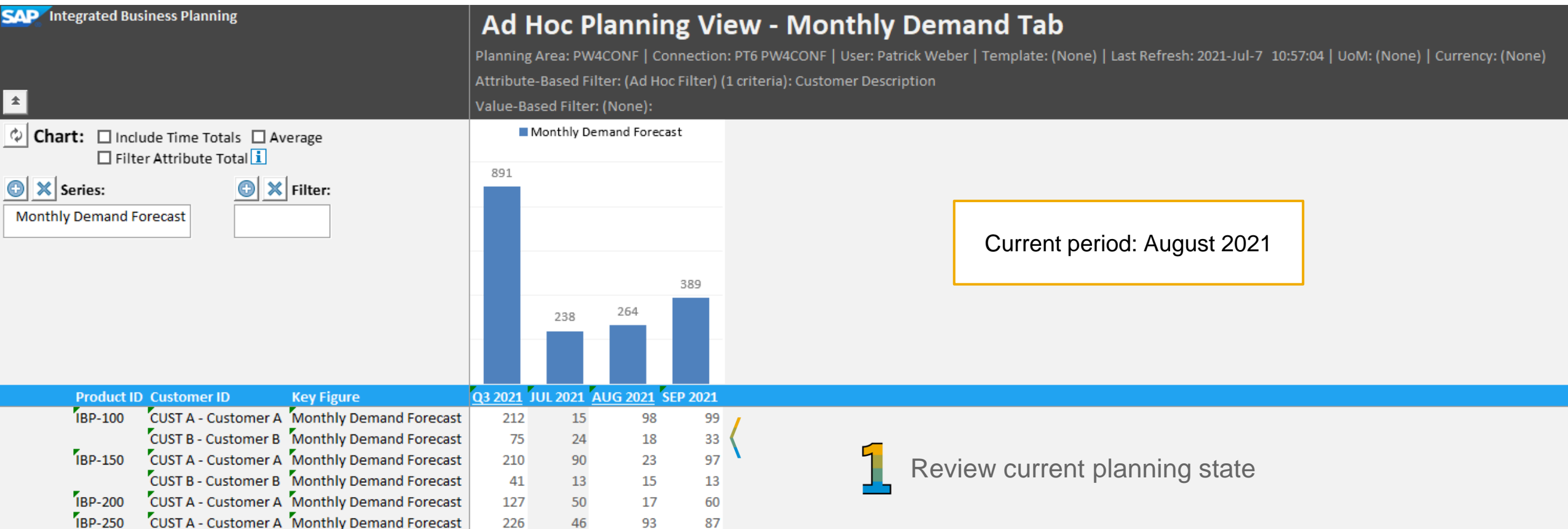
New Behaviour



The changed value is **distributed to the editable time periods**, according to the disaggregation mode that has been specified.

Time-Based Disaggregation to Partially Editable Child Nodes

How does it work?

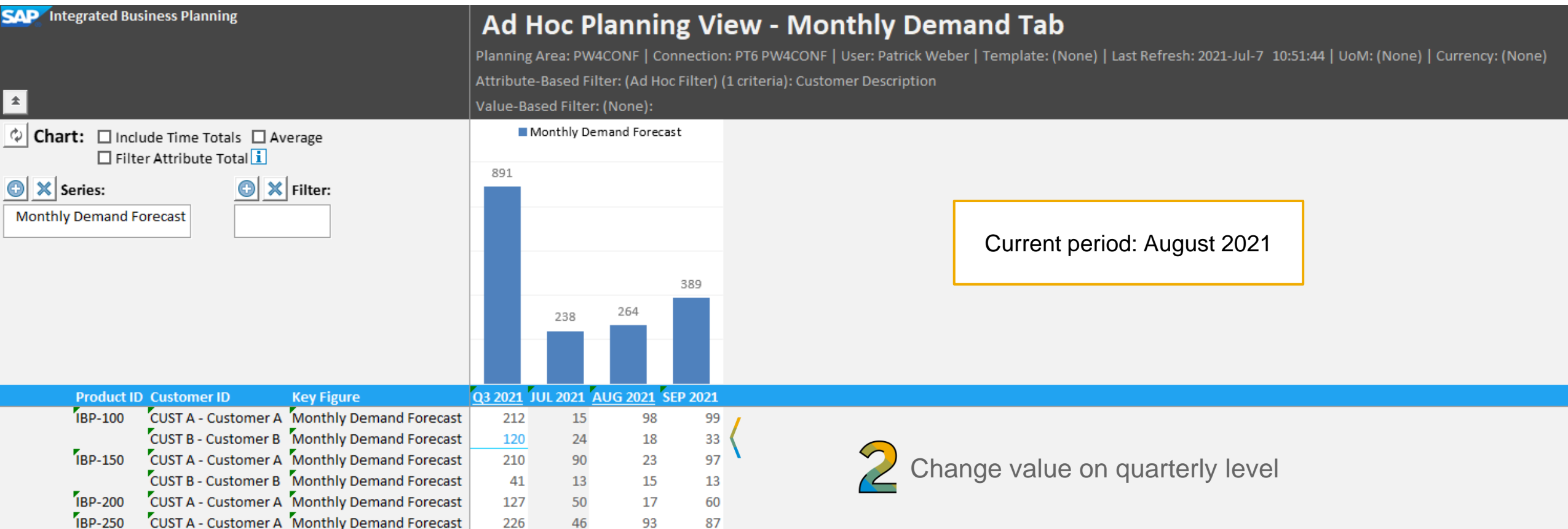


1

Review current planning state

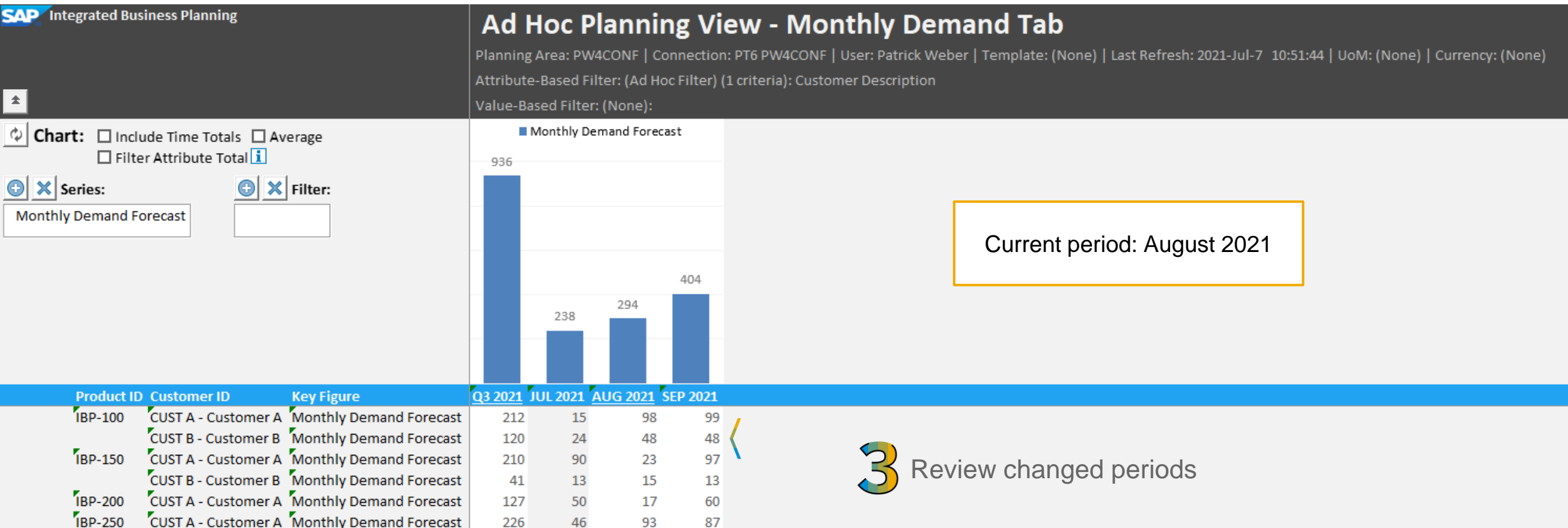
Time-Based Disaggregation to Partially Editable Child Nodes

How does it work?



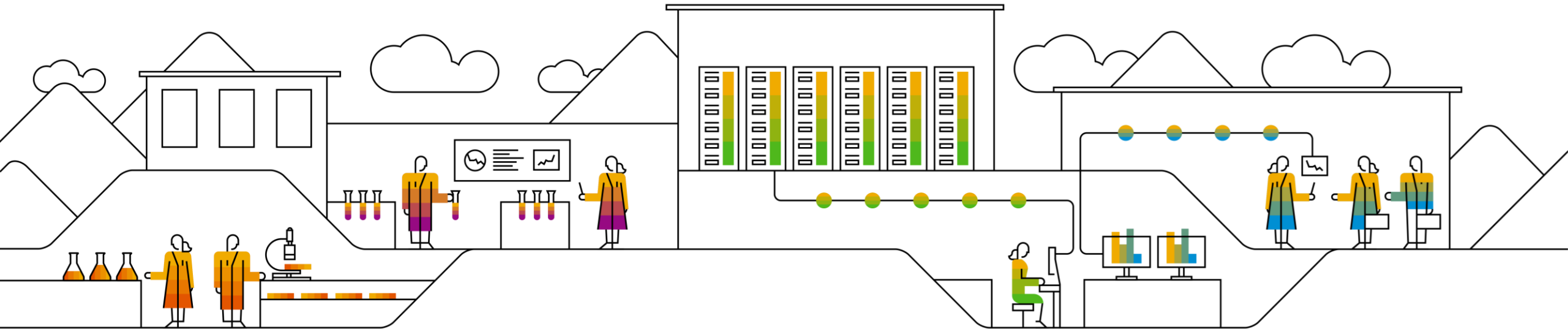
Time-Based Disaggregation to Partially Editable Child Nodes

How does it work?



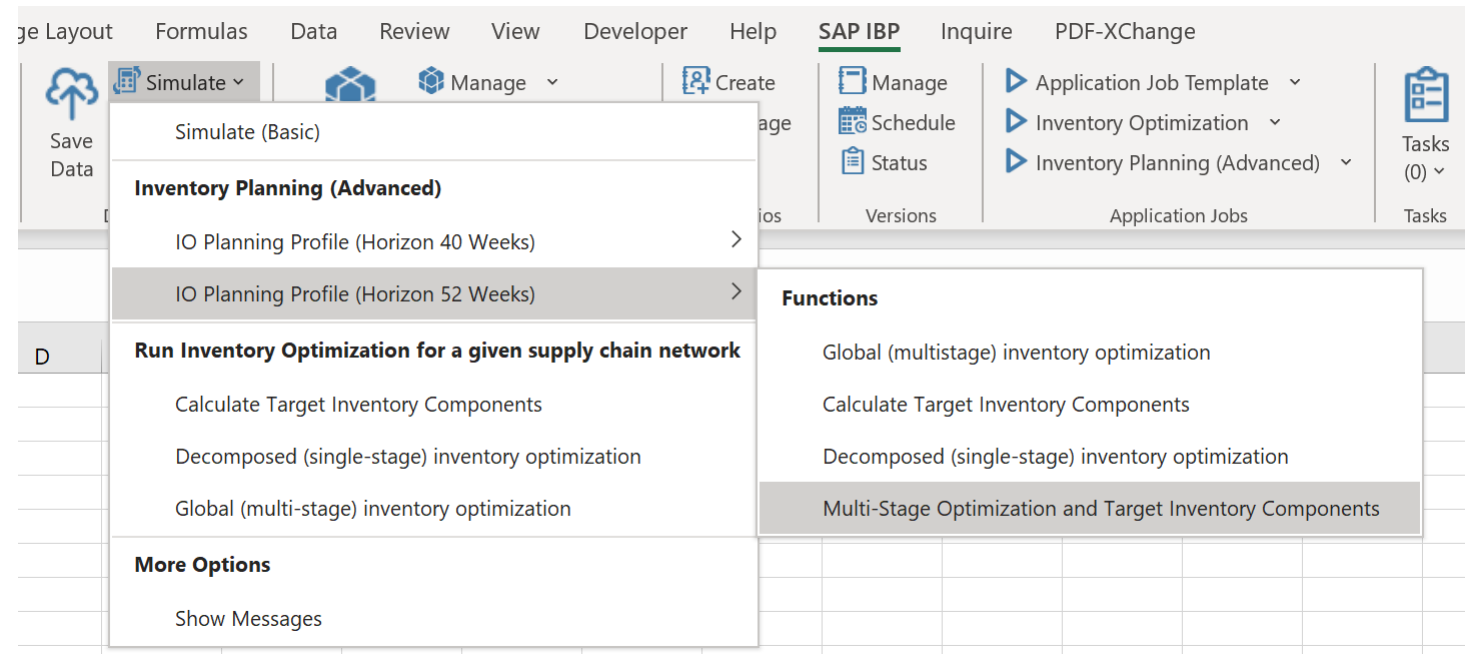
Excel Add-in: Inventory Planning (Advanced) in Simulation Mode

Patrick Weber



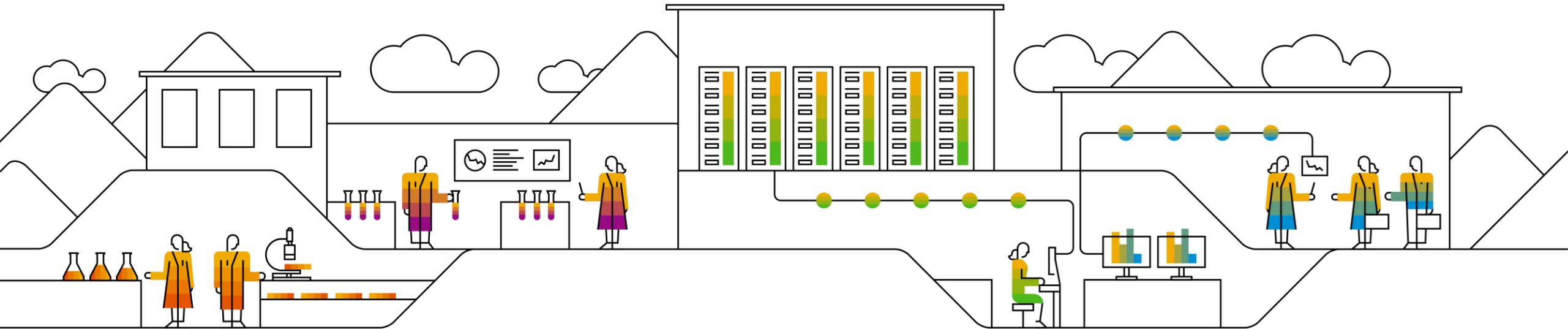
Inventory Planning (Advanced) in Simulation Mode

- With the SAP IBP, add-in for Microsoft Excel 2108 Inventory Planning (Advanced) profiles can also be run in simulation mode.
- Inventory Planning (Advanced) within the Application Jobs app was already introduced with the Excel Add-in version 2008.2.0.



Installation of the Newest SAP IBP, Add-In for Microsoft Excel

Patrick Weber



New Prerequisite for Installation: .NET 5.0

Before users can install the SAP IBP, add-in for Microsoft Excel 2108.2.0, **.NET 5.0** must be installed on their PC.

.NET 5.0 is the newest edition of Microsoft .NET. This component is a free and open source software framework from Microsoft and is introduced to retain modern security, stability and performance standards.

You can download the installer via this [link](#). Please find the corresponding installer in the section **“.NET Desktop Runtime”**.

Please note: x64 vs. x86 depends on the installed Microsoft Office version and not on the Microsoft Windows bitness.

With the switch to .Net 5.0, we achieved performance improvements of ~10-30 % in the front end part of the Excel add-in runtime, for example when starting Excel, or when opening a workbook or a favorite.

New Product Code

Please note that with the SAP IBP, add-in for Microsoft Excel 2108.2.0 the product code has been changed compared to older versions.

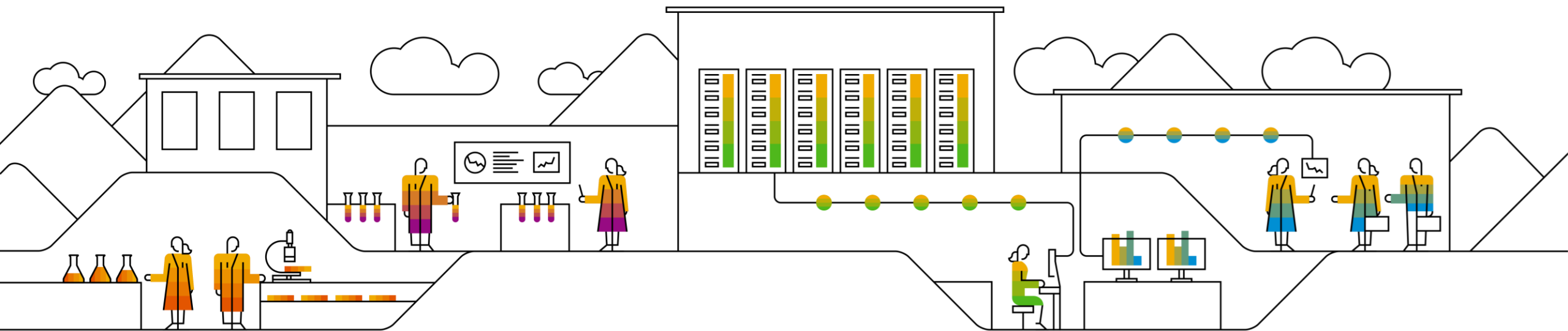
If you are using the product code for silent uninstallation, please find the new product code in SAP Note [2135948](#) or retrieve it using the WMI command line ([WMIC](#)) as described in the SAP Note.

Please be aware that the silent uninstallation can also be done via WMI command line without the need of the product code:

- 1.) Start wmic in the command prompt by entering: “wmic”
- 2.) Uninstall the currently installed SAP IBP, add-in for Microsoft Excel:
“product where "Name like 'SAP IBP% add-in for Microsoft Excel'" call uninstall /nointeractive”

Excel Add-in: Prepare for Next Release 2111.2.0

Patrick Weber



Planned New Prerequisite for Installation: Microsoft Edge WebView2

Prepare for
next release
(2111.2.0)

We are planning to require a new prerequisite for installing the SAP IBP, Add-in for Microsoft Excel 2111.2.0 by introducing **Microsoft Edge WebView2**. This component needs to be installed on the users' PC before the Excel Add-in can be upgraded.

Microsoft's new embedded web control WebView2 allows us to embed different web technologies in the Excel Add-in. You can download it free of charge at this [link](#). Please choose "**Evergreen Standalone Installer**".

[Microsoft Edge WebView2](#) is a modern Chromium Edge-based component allowing a better integration of installed-based applications with browsers. With that, we can move away from our dependencies on 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.

Planned New Minimum SAP IBP, Add-In for Microsoft Excel Version

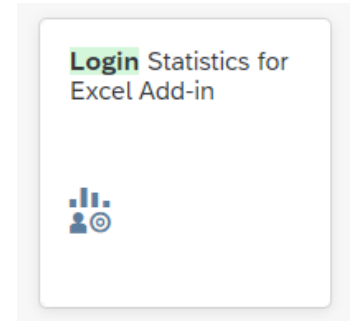
Prepare for
next release
(2111.2.0)

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.

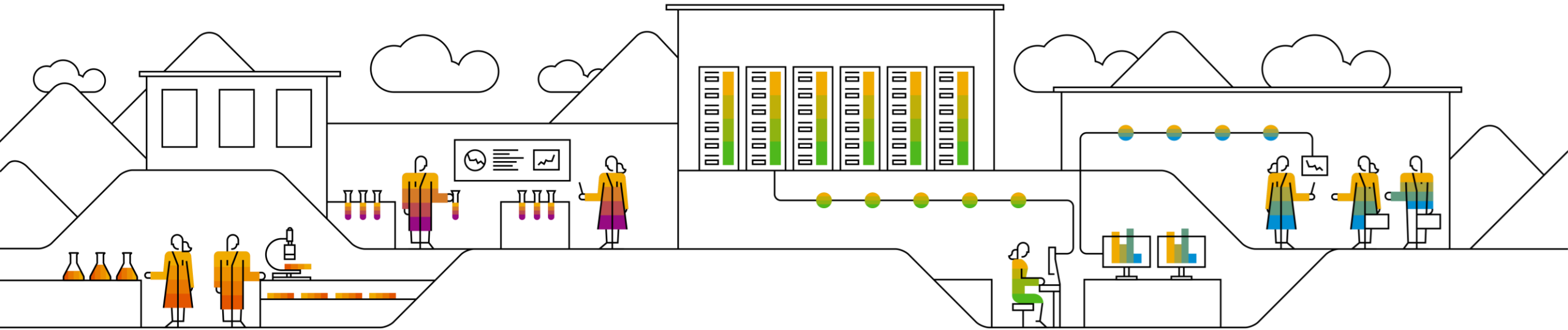
Mitigation:

- 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 the version you specify will get a warning when logging on to SAP IBP via the Excel Add-in.



Planner's Workspaces

Pramod Mane and Raghav Jandhyala



SAP Planner Workspace

Digital workplace experience solution for Planners



Personalized



Engaging



Unified

The screenshot displays the SAP Planner Workspace interface. At the top, there's a navigation bar with 'SAP Planner Workspace' and a search icon. Below it, a 'PWS Global Planning' section shows filters for Versions / Scenarios, Planning Filter, Time Periods, Cust Region (set to AMERICAS x EMEA x), Location ID, and Product ID. The main content area is divided into two panes. The left pane shows a 'Demand Review Alerts' list with three entries, each detailing a 'Consensus Demand Plan Rev.' with a severity of 'High' and a value (e.g., 513.47k USD, 505.07k USD, 527.47k USD). The right pane shows a 'Consensus Plan' table with columns for Product Family, Cust Region, Key Figures, and various time periods (21-Apr to 21-Oct). The table contains detailed financial data for various product families, including FAMILY 100-HEADPHONES, FAMILY 200-HOME THEATER, and FAMILY 300-MUSIC DOCKS.

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	ADP Rev.	597,850	627,770	615,120	617,980	617,925	630,000	618,035
7	FAMILY 100-HEADPHONES AMERICAS	Consensus Demand Plan Rev.	534,193	590,186	543,643	513,468	505,066	527,472	561,764
8	FAMILY 100-HEADPHONES EMEA	Global Demand Plan Qty for SOP	17,056	17,672	17,027	17,800	17,595	17,027	17,595
9	FAMILY 100-HEADPHONES EMEA	Sales Fcst Qty	16,976	17,362	17,088	16,999	17,396	17,247	17,709
10	FAMILY 100-HEADPHONES EMEA	Marketing Fcst Qty	20,468	21,205	20,430	21,111	21,111	20,430	21,111
11	FAMILY 100-HEADPHONES EMEA	ADP Qty	17,848	19,472	18,307	19,354	18,913	19,161	18,920
12	FAMILY 100-HEADPHONES EMEA	Consensus Demand Plan Qty	17,056	17,672	17,027	17,594	17,595	17,027	17,595
13	FAMILY 100-HEADPHONES EMEA	ADP Rev.	3,125,760	3,425,070	3,215,960	3,411,980	3,323,870	3,388,660	3,325,080
14	FAMILY 100-HEADPHONES EMEA	Consensus Demand Plan Rev.	3,006,586	3,110,057	3,001,714	3,101,646	3,101,771	3,001,714	3,101,771
15	FAMILY 200-HOME THEATER AMERICAS	Global Demand Plan Qty for SOP	2,422	2,821	2,949	3,169	3,070	3,110	3,110
16	FAMILY 200-HOME THEATER AMERICAS	Sales Fcst Qty	2,383	2,823	2,997	2,922	3,175	3,102	3,204
17	FAMILY 200-HOME THEATER AMERICAS	Marketing Fcst Qty for SOP	2,906	3,385	3,689	3,539	3,803	3,684	3,732
18	FAMILY 200-HOME THEATER AMERICAS	ADP Qty	3,651	2,893	2,996	3,100	3,341	3,282	3,568
19	FAMILY 200-HOME THEATER AMERICAS	Consensus Demand Plan Qty	2,422	2,821	3,074	3,100	3,169	3,070	3,110
20	FAMILY 200-HOME THEATER AMERICAS	ADP Rev.	850,000	981,200	995,390	1,050,000	1,123,320	1,106,710	1,214,400
21	FAMILY 200-HOME THEATER AMERICAS	Consensus Demand Plan Rev.	818,629	942,971	1,042,200	1,036,582	1,073,900	1,040,543	1,050,471
22	FAMILY 200-HOME THEATER EMEA	Global Demand Plan Qty for SOP	2,656	2,933	2,961	2,966	2,932	2,874	2,953
23	FAMILY 200-HOME THEATER EMEA	Sales Fcst Qty	2,747	2,967	3,060	2,894	2,968	2,839	2,999
24	FAMILY 200-HOME THEATER EMEA	Marketing Fcst Qty	3,187	3,522	3,553	3,559	3,519	3,448	3,544
25	FAMILY 200-HOME THEATER EMEA	ADP Qty	3,000	3,048	3,145	3,341	3,275	3,094	3,281
26	FAMILY 200-HOME THEATER EMEA	Consensus Demand Plan Qty	2,656	2,933	2,961	2,966	2,932	2,874	2,953
27	FAMILY 200-HOME THEATER EMEA	ADP Rev.	1,000,000	1,075,690	1,098,240	1,169,190	1,150,050	1,088,560	1,158,960
28	FAMILY 200-HOME THEATER EMEA	Consensus Demand Plan Rev.	926,396	1,029,300	1,036,614	1,039,729	1,031,886	1,014,857	1,040,829
29	FAMILY 300-MUSIC DOCKS AMERICAS	Global Demand Plan Qty for SOP	3,840	3,782	3,743	3,915	3,964	3,813	4,061
30	FAMILY 300-MUSIC DOCKS AMERICAS	Sales Fcst Qty	3,849	3,691	3,766	4,023	3,874	3,779	4,054
31	FAMILY 300-MUSIC DOCKS AMERICAS	Marketing Fcst Qty	4,608	4,538	4,491	4,698	4,757	4,576	4,973
32	FAMILY 300-MUSIC DOCKS AMERICAS	ADP Qty	4,693	4,347	4,031	4,263	4,319	4,228	4,349
33	FAMILY 300-MUSIC DOCKS AMERICAS	Consensus Demand Plan Qty	3,840	3,782	3,743	3,915	3,964	3,813	4,061
34	FAMILY 300-MUSIC DOCKS AMERICAS	ADP Rev.	4,268,825	4,140,675	3,761,175	3,971,275	4,013,625	3,919,850	3,939,850
35	FAMILY 300-MUSIC DOCKS AMERICAS	Consensus Demand Plan Rev.	4,605,914	4,557,800	4,485,943	4,693,029	4,752,000	4,514,629	4,868,400
36	FAMILY 300-MUSIC DOCKS EMEA	Global Demand Plan Qty for SOP	5,301	5,670	5,607	5,887	5,983	5,879	6,169
37	FAMILY 300-MUSIC DOCKS EMEA	Sales Fcst Qty	5,327	5,879	5,645	5,751	6,240	5,983	6,195

SAP Planner 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 Planner Workspace

Digital workplace experience solution for a Planner

The screenshot displays the SAP Planner Workspace interface. At the top, there's a navigation bar with the SAP logo and 'Planner Workspace'. Below this, a header section includes 'PWS Global Planning*' and a 'Data' section with a 'Last updated: 3 minutes ago' timestamp and buttons for 'Refresh', 'Simulate', 'Save', 'Application Jobs', 'Show Settings', 'Save As', and 'Adapt Filters'. A 'Workspace' section contains a 'Go' button and 'Adapt Filters'.

The main area is divided into two panels. The left panel, titled 'Demand Review Alerts', shows a list of alerts. The right panel, titled 'Consensus Plan', displays a table of data.

Alerts Panel (Left):

- Consensus Demand Plan Rev.** (Severity: High, Value: 513.47k USD)
 - Calculation Level: Product Family: FAMILY 100-HEADPHONES, Cust Region: AMERICAS, Month: 21-Jul
 - Subscription: Consensus below Finance Target
 - Refresh Time: 3 minutes ago
 - Versions / Scenarios: Base Version
- Consensus Demand Plan Rev.** (Severity: High, Value: 505.07k USD)
 - Calculation Level: Product Family: FAMILY 100-HEADPHONES, Cust Region: AMERICAS, Month: 21-Aug
 - Subscription: Consensus below Finance Target
 - Refresh Time: 3 minutes ago
 - Versions / Scenarios: Base Version
- Consensus Demand Plan Rev.** (Severity: High, Value: 527.47k USD)
 - Calculation Level: Product Family: FAMILY 100-HEADPHONES, Cust Region: AMERICAS, Month: 21-Sep
 - Subscription: Consensus below Finance Target
 - Refresh Time: 3 minutes ago
 - Versions / Scenarios: Base Version
- Consensus Demand Plan Rev.** (Severity: High, Value: 1.10M USD)
 - Calculation Level: Product Family: FAMILY 200-HOME THEATER
 - Subscription: Consensus below Finance Target
 - Refresh Time: 3 minutes ago
 - Versions / Scenarios: Base Version

Data Table (Right):

Product Family	Cust Region	Key Figures	21-Jul	21-Aug	21-Sep	21-Oct	21-Nov	21-Dec	22-Jan
FAMILY 100-HEADPHONES	AMERICAS	AOP Rev.	617,980	617,925	630,000	618,035	598,070	617,980	617,980
FAMILY 100-HEADPHONES	AMERICAS	Consensus Demand Plan Rev.	513,468	505,066	527,472	561,764	543,643	561,764	561,764
FAMILY 100-HEADPHONES	EMEA	Global Demand Plan Qty for SOP	17,800	17,595	17,027	17,595	17,027	17,595	17,595
FAMILY 100-HEADPHONES	EMEA	Sales Fcst Qty	16,999	17,396	17,247	17,709	16,882	17,652	17,582
FAMILY 100-HEADPHONES	EMEA	Marketing Fcst Qty	21,111	21,111	20,430	21,111	20,430	21,111	21,111
FAMILY 100-HEADPHONES	EMEA	AOP Qty	19,354	18,913	19,161	18,920	19,170	19,352	18,911
FAMILY 100-HEADPHONES	EMEA	Consensus Demand Plan Qty	17,594	17,595	17,027	17,595	17,027	17,595	17,595
FAMILY 100-HEADPHONES	EMEA	AOP Rev.	3,411,980	3,323,870	3,388,660	3,325,080	3,390,200	3,411,760	3,323,650
FAMILY 100-HEADPHONES	EMEA	Consensus Demand Plan Rev.	3,101,646	3,101,771	3,001,714	3,101,771	3,001,714	3,101,771	3,101,771
FAMILY 200-HOME THEATER	AMERICAS	Global Demand Plan Qty for SOP	2,949	3,169	3,070	3,110	3,181	3,960	2,600
FAMILY 200-HOME THEATER	AMERICAS	Sales Fcst Qty	2,922	3,175	3,102	3,204	3,267	3,152	3,174
FAMILY 200-HOME THEATER	AMERICAS	Marketing Fcst Qty	3,539	3,803	3,684	3,732	3,879	3,827	4,017
FAMILY 200-HOME THEATER	AMERICAS	AOP Qty	3,100	3,341	3,282	3,568	3,288	3,656	3,567
FAMILY 200-HOME THEATER	AMERICAS	Consensus Demand Plan Qty	3,100	3,169	3,070	3,110	3,181	3,960	3,300
FAMILY 200-HOME THEATER	AMERICAS	AOP Rev.	1,050,000	1,123,320	1,106,710	1,214,400	1,109,020	1,249,710	1,213,960
FAMILY 200-HOME THEATER	AMERICAS	Consensus Demand Plan Rev.	1,036,582	1,073,900	1,040,543	1,050,471	1,088,078	1,343,715	1,129,213
FAMILY 200-HOME THEATER	EMEA	Global Demand Plan Qty for SOP	2,966	2,932	2,874	2,953	2,540	3,690	2,920
FAMILY 200-HOME THEATER	EMEA	Sales Fcst Qty	2,894	2,968	2,839	2,999	2,999	3,063	2,943
FAMILY 200-HOME THEATER	EMEA	Marketing Fcst Qty	3,559	3,519	3,448	3,544	3,517	3,648	3,638
FAMILY 200-HOME THEATER	EMEA	AOP Qty	3,341	3,275	3,094	3,281	3,162	3,314	3,362
FAMILY 200-HOME THEATER	EMEA	Consensus Demand Plan Qty	2,966	2,932	2,874	2,953	3,100	3,690	2,920
FAMILY 200-HOME THEATER	EMEA	AOP Rev.	1,169,190	1,150,050	1,088,560	1,158,960	1,114,850	1,168,640	1,186,790
FAMILY 200-HOME THEATER	EMEA	Consensus Demand Plan Rev.	1,039,729	1,031,886	1,014,857	1,040,829	1,068,607	1,298,751	1,017,814
FAMILY 300-MUSIC DOCKS	AMERICAS	Global Demand Plan Qty for SOP	3,915	3,964	3,813	4,061	3,979	4,159	4,208
FAMILY 300-MUSIC DOCKS	AMERICAS	Sales Fcst Qty	4,023	3,874	3,779	4,054	3,992	4,187	4,218
FAMILY 300-MUSIC DOCKS	AMERICAS	Marketing Fcst Qty	4,698	4,757	4,576	4,873	4,774	4,991	5,050
FAMILY 300-MUSIC DOCKS	AMERICAS	AOP Qty	4,263	4,319	4,228	4,349	4,333	4,531	4,587
FAMILY 300-MUSIC DOCKS	AMERICAS	Consensus Demand Plan Qty	3,915	3,964	3,813	4,061	3,979	4,159	4,208
FAMILY 300-MUSIC DOCKS	AMERICAS	AOP Rev.	3,971,275	4,013,625	3,919,850	3,939,650	3,999,325	4,172,575	4,214,925
FAMILY 300-MUSIC DOCKS	AMERICAS	Consensus Demand Plan Rev.	4,693,029	4,752,000	4,514,629	4,868,400	4,769,486	4,986,000	5,044,800
FAMILY 300-MUSIC DOCKS	EMEA	Global Demand Plan Qty for SOP	5,887	5,983	5,879	6,169	6,061	6,356	6,451
FAMILY 300-MUSIC DOCKS	EMEA	Sales Fcst Qty	5,751	6,240	5,983	6,195	6,134	6,395	6,397

- ✓ 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

Workspace Favorites

Workspace settings

What-If Simulations

Workspace Design

Global Selection Filters

Alerts

Planning Views

SAP Planner Workspace

PWS Global Planning

Data: Last updated: now **Refresh** **Simulate** **Save** Application Jobs

Workspace: Hide Settings Save As

Versions / Scenarios: Planning Filter: Time Periods: Cust Region: AMERICAS EMEA Location ID: Product ID: Go Adapt Filters

General Information

Name: PWS Global Planning
Description: PWS Global Planning

Column Layout

One Column Two Columns Three Columns

Workspace Components

Custom Alerts Overview Planning View

Sharing

Users: Anna Linden, Balazs Rabel, Bintu Thomas, Chinmaya Sarangi, Dany Charbonneau, Lukas...
User Groups: PWS_DEMO

Consensus Plan Demand vs Actuals New Location Centric Demand Supply Finance Plan

	Product Family	Cust Region	Key Figures	21-Apr	21-May	21-Jun	21-Jul
6	FAMILY 100-HEADPHONES	AMERICAS	AOP Rev.	597,850	627,770	615,120	617,5
7	FAMILY 100-HEADPHONES	AMERICAS	Consensus Demand Plan Rev.	534,193	590,186	543,643	513,4
8	FAMILY 100-HEADPHONES	EMEA	Global Demand Plan Qty for SOP	17,056	17,672	17,027	17,8
9	FAMILY 100-HEADPHONES	EMEA	Sales Fcst Qty	16,976	17,362	17,088	16,9
10	FAMILY 100-HEADPHONES	EMEA	Marketing Fcst Qty	20,468	21,205	20,430	21,1
11	FAMILY 100-HEADPHONES	EMEA	AOP Qty	17,848	19,472	18,307	19,3
12	FAMILY 100-HEADPHONES	EMEA	Consensus Demand Plan Qty	17,056	17,672	17,027	17,5
13	FAMILY 100-HEADPHONES	EMEA	AOP Rev.	3,125,760	3,425,070	3,215,960	3,411,9
14	FAMILY 100-HEADPHONES	EMEA	Consensus Demand Plan Rev.	3,006,586	3,110,057	3,001,714	3,101,6
15	FAMILY 200-HOME THEATER	AMERICAS	Global Demand Plan Qty for SOP	2,422	2,821	3,074	2,9
16	FAMILY 200-HOME THEATER	AMERICAS	Sales Fcst Qty	2,383	2,823	2,997	2,9
17	FAMILY 200-HOME THEATER	AMERICAS	Marketing Fcst Qty	2,906	3,385	3,689	3,5
18	FAMILY 200-HOME THEATER	AMERICAS	AOP Qty	3,651	2,893	2,996	3,3
19	FAMILY 200-HOME THEATER	AMERICAS	Consensus Demand Plan Qty	2,422	2,821	3,074	3,1
20	FAMILY 200-HOME THEATER	AMERICAS	AOP Rev.	850,000	981,200	995,390	1,050,0
21	FAMILY 200-HOME THEATER	AMERICAS	Consensus Demand Plan Rev.	818,629	942,971	1,042,200	1,036,5
22	FAMILY 200-HOME THEATER	EMEA	Global Demand Plan Qty for SOP	2,656	2,933	2,961	2,9
23	FAMILY 200-HOME THEATER	EMEA	Sales Fcst Qty	2,747	2,967	3,060	2,8
24	FAMILY 200-HOME THEATER	EMEA	Marketing Fcst Qty	3,187	3,522	3,553	3,5
25	FAMILY 200-HOME THEATER	EMEA	AOP Qty	3,000	3,048	3,145	3,3
26	FAMILY 200-HOME THEATER	EMEA	Consensus Demand Plan Qty	2,656	2,933	2,961	2,9
27	FAMILY 200-HOME THEATER	EMEA	AOP Rev.	1,000,000	1,075,690	1,098,240	1,169,1
28	FAMILY 200-HOME THEATER	EMEA	Consensus Demand Plan Rev.	926,386	1,029,300	1,036,614	1,039,7

Planning View

Planning View: Consensus Plan

Name: Consensus Plan

Description: PWS IBP

Filter Mode: Apply Workspace Filters

Versions / Scenarios: Base Version

Time Periods: 21-Apr - 22-Mar

Attributes

ID	Description
PRDFAMILY	Product Family
CUSTREGION	Cust Region

Key Figures

Alerts

Key Figure 1 Value 1

Consensus Demand Plan Rev. 513.47k USD

Severity: High

Calculation Level: Consensus below Finance Target

Product Family: FAMILY 100-HEADPHONES

Cust Region: AMERICAS

Month: 21-Jul

Subscription: Consensus below Finance Target

Snoozed:

Refresh Time: 6 minutes ago

Versions / Scenarios: Base Version

Consensus Demand Plan Rev. 505.07k USD

Severity: High

Calculation Level: Consensus below Finance Target

Product Family: FAMILY 100-HEADPHONES

Cust Region: AMERICAS

Month: 21-Aug

Subscription: Consensus below Finance Target

Flexible Configuration

Applied Filters

Provides planner the visibility into the combined filters applied between workspace filters and component filters for Versions/Scenarios, Time Periods and Attribute values

Versions / Scenarios:
 Planning Filter:
 Time Periods:
 Cust Region: AMERICAS x EMEA x
 Location ID:
 Product ID:
 Adapt Filters

Applied Filters for Custom Alerts

Demand Review Alerts Custom Alerts (7) *

Applied Filters for Demand Review Alerts

Filter Mode:
Ignore Workspace Filters

Applied Attribute Filters by Subscriptions

Attribute	Operator	Values
Consensus below Finance Target		
Versions / Scenarios	equals to	Base Version
Month	between	21-Jul - 22-Jun (Rolling)
SOP Demand Plan Qty vs Last Year Actuals		
Versions / Scenarios	equals to	Base Version
Month	between	21-Jul - 22-Dec (Rolling)

Shows by subscription the applied filters

Applied Filters for Planning Views

Cust Region: AMERICAS x EMEA x
 Location ID:
 Product ID:
 Adapt Filters

New Location Centric Demand Supply Finance Plan

Applied Filters for Consensus Plan

Filter Mode
Apply Workspace Filters

Time Periods
21-Apr-22-Mar

Versions / Scenarios

Version	Scenario
Base Version	

Applied Attribute Filters

Attribute	Operator	Values
Product Family	equal to	FAMILY 100-HEADPHONES, FAMILY 200-HOME THEATER
Cust Region	equal to	AMERICAS, EMEA

Alert Subscription Details

Alert Subscription details include:

- Name, Shared Users and User group
- Planning Area, Versions/Scenarios
- Administration Info: Created/ Changed On
- Navigation to Alert Definition and Alert Subscription Details in “Define and Subscribe to Custom Alerts” Fiori App
- Ad-hoc Filters and Planning Filters

Custom Alert Subscription

PWS Global Planning

Versions / Scenarios:

Demand Review Alerts | Custom

☒ Key Figure 1

☒ **Consensus Demand Plan Rev.**

Subscription: [Consensus below Finance Target](#)

Severity: **High**

☒ **Consensus Demand Plan Rev.**

Subscription: [Consensus below Finance Target](#)

Severity: **High**

☒ **Consensus Demand Plan Rev.**

Subscription: [Consensus below Finance Target](#)

Severity: **High**

General Information

Alert Definition Name: [Consensus below Finance Target](#)

Alert Definition Subscription: [Consensus below Finance Target](#)

Subscription Name: [Consensus below Finance Target](#)

Subscription Description: [Consensus below Finance Target](#)

Planning Area: PWSIBP1

Versions / Scenarios: Base Version

Category:

Sharing

Users: [Pramod Mane](#), [Dany Charbonneau](#), [Yutong Zhao](#), [_SAPI841327](#), [Lukas Brand](#), [Bintu Thomas](#), [Balazs Rabel](#), [_SAPD019835](#), [Chinmaya Sarangi](#), [Anna Linden](#)

User Groups: PWS_DEMO

Administrative Information

Created By: [Raghav Jandhyala](#)

Created On: 04/09/2021

Changed On: 04/09/2021

Ad Hoc Filters

Attribute	Values
No data	

Planning Filter

Attribute	Operator	Values
No data		

Restricted:

26	FAMILY 200-HOME THEATER	EMEA
27	FAMILY 200-HOME THEATER	EMEA

Run Application Jobs

Run Batch Jobs from Planner Workspace

View Job Parameters and status

The screenshot shows the 'Application Jobs' dropdown menu in the Planner Workspace. The menu is open, showing options for 'Schedule Job' and 'Job Status'. The 'Data' tab is active, and the 'Workspace' tab is also visible. The 'Data' tab contains buttons for 'Refresh', 'Simulate', 'Save', and 'Application Jobs'. The 'Workspace' tab contains buttons for 'Show Settings', 'Save', and 'Adapt Filters'. Below the tabs, there is a 'Location ID' input field and a 'Go' button.

Run Application Jobs

Only Application Job Templates that have all parameters configured for PWS Planning Area are displayed

View parameters for each Application Job Template step

Run Application job immediately or schedule for later

The screenshot shows the 'Schedule Job' dialog box. It contains the following fields and sections:

- Job Template:** A dropdown menu showing 'Copy Consensus Demand'.
- Job Description:** A text input field containing 'Copy Consensus Demand'.
- Periodicity:** A dropdown menu showing 'Single Run'.
- Start Immediately:** A checkbox that is checked.
- Start:** A date and time input field showing '07/16/2021, 12:30:16'.
- Job Template Parameter Steps (2):** A table with 3 columns: Description, Step Number, and Value.

Description	Step Number	Value
> Copy Consensus Demand	1	
Copy Version Operator	2	
Operation	1	
Planning Area		PWSIBP1
Comment		
Date		00000000
Define By		E
Time		000000
From Period		0
Planning Notes		none

At the bottom right of the dialog, there are buttons for 'Schedule' and 'Close'.

Run Application Jobs

View Status of Application Jobs

Job status for the last 7 days of the logged in user are displayed

Job Status

Jobs (4)

Job Name	Status	Start	End	Duration	Planned Start	Completion
Copy Consensus Demand	Running	7/16/2021 12:33:45 PM		00:00:00	7/16/2021 12:...	1/2
Copy Consensus Demand	Finished	7/16/2021 12:33:45 PM	7/16/2021 12:33:45 PM	00:00:00	7/16/2021 12:...	
Copy Version Operator	Running	7/16/2021 12:34:40 PM		00:00:00	7/16/2021 12:...	
Copy Consensus Demand	Running	7/16/2021 12:33:46 PM		00:00:00	7/16/2021 12:...	1/2

Navigate to

- Application Job details
- Job Template Details
- Application Logs

Job Status

Jobs (5)

Job Name	Status	Start
Copy Consensus Demand		
Copy Consensus Demand		
Copy Version Operator	Finished	7/16/2021 12:34

Job Name	Status	Start
Copy Consensus Demand	Copy Consensus Demand	
Copy Consensus Demand	Open Application Log Details	
Copy Version Operator		

Fix / Unfix Cells

New in IBP 2108

- You can now also fix and unfix key figure values in the Planner Workspace app.
- By fixing key figure values, you can protect them against unintentional changes resulting from disaggregation, data integration, planning operators, or manual changes done by other planners.
- You can fix and unfix values one at a time or several at once.

SAP Planner Workspace

PWS Global Planning*

Last updated: 2 minutes ago

Refresh Simulate Save Application Jobs Show Settings Save As

Versions / Scenarios: Planning Filter: Time Periods: Cust Region: AMERICAS x EMEA x Location ID: Product ID: Go Adapt Filters

Demand Review Alerts Custom Alerts (7)

Consensus Plan Demand vs Actuals New Location Centric Demand Supply Finance Plan

Key Figure 1 Value 1

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

Refresh Time: 3 minutes ago

Versions / Scenarios: Base Version

Consensus Demand Plan Rev. 505.07k USD

Severity: High

Calculation Level: Product Family: FAMILY 100-HEADPHONES Cust Region: AMERICAS Month: 21-Aug

Subscription: Consensus below Finance Target

Refresh Time: 3 minutes ago

Versions / Scenarios: Base Version

Consensus Demand Plan Rev. 527.47k USD

Severity: High

Calculation Level: Product Family: FAMILY 100-HEADPHONES Cust Region: AMERICAS Month: 21-Sep

Subscription: Consensus below Finance Target

Refresh Time: 3 minutes ago

Versions / Scenarios: Base Version

Consensus Demand Plan Rev. 1.10M USD

Severity: High

Calculation Level: Product Family: FAMILY 200-HOME THEATER

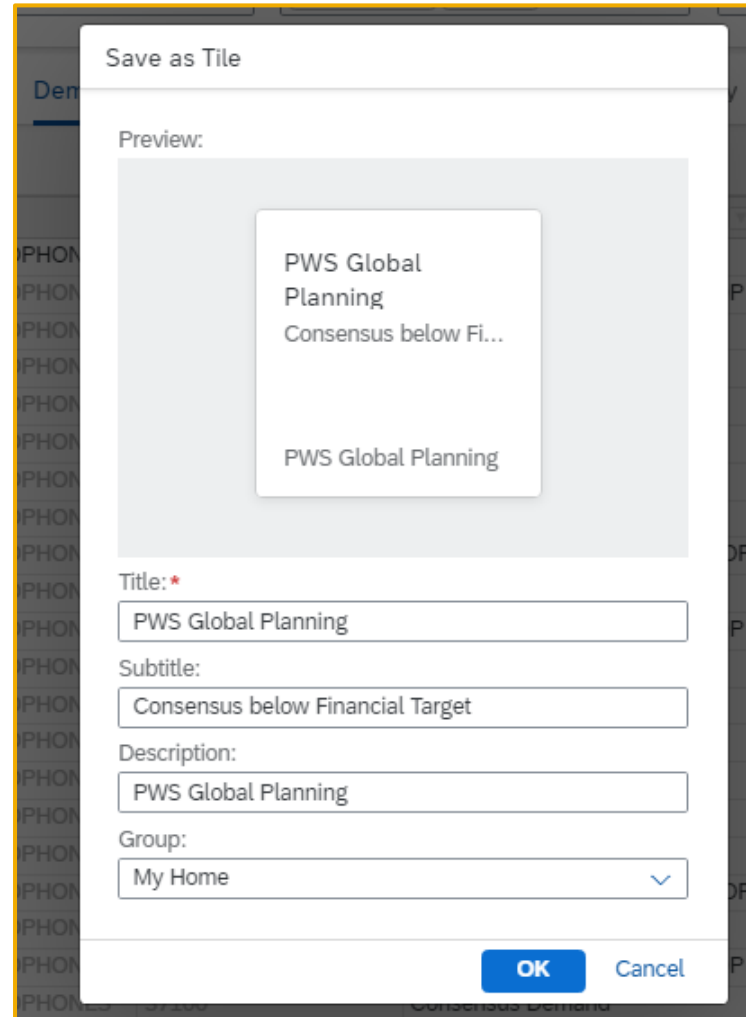
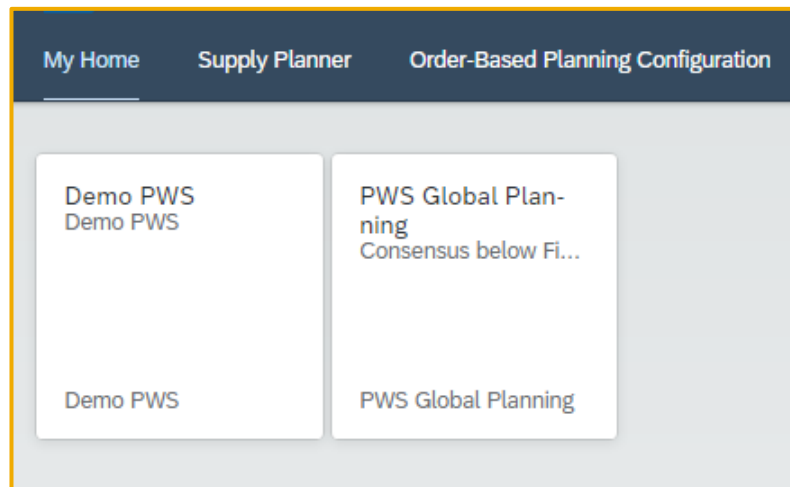
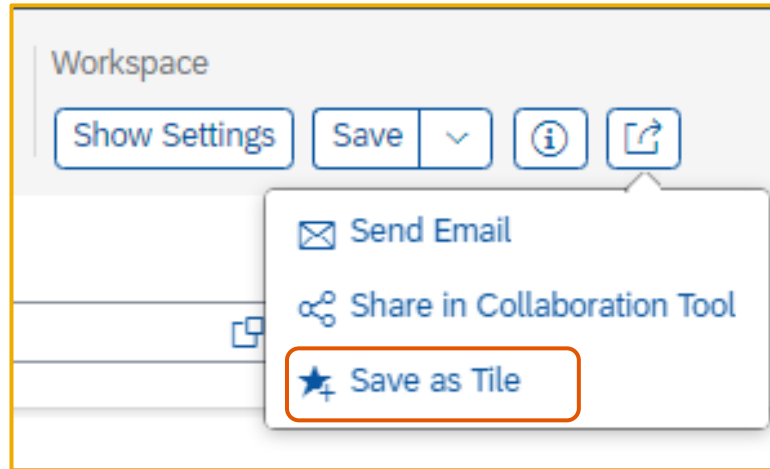
Subscription: Consensus below Finance Target

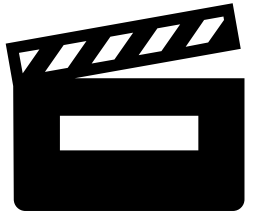
Refresh Time: 3 minutes ago

Versions / Scenarios: Base Version

	Product Family	Key Figures	21-Jul	21-Aug	21-Sep	21-Oct	21-Nov	21-Dec	22-Jan	22-Feb	22-Mar
1	FAMILY 100-HEADPHONES	Actuals Qty Prior Yr	22,311	22,284	21,794	21,961	21,475	22,935	22,817	19,791	
2	FAMILY 100-HEADPHONES	Global Demand Plan Qty for SOP	20,800	20,695	20,227	22,409	21,686	22,409	22,409	20,240	
3	FAMILY 100-HEADPHONES	Consensus Demand	21,967	21,913	21,535	22,406	21,683	22,402	22,403	20,234	
4	FAMILY 100-HEADPHONES	Demand Planning Qty	22,001	21,739	21,862	21,921	27,423	22,390	21,712	19,910	
5	FAMILY 100-HEADPHONES	Marketing Fcst Qty	26,886	26,886	26,019			6,886	26,886	24,284	
6	FAMILY 100-HEADPHONES	Marketing Fcst Rev.	4,396,021	4,396,021	4,254,214	4,389,886	3,542,514	6,021	4,396,021	3,970,600	4,389,886
7	FAMILY 100-HEADPHONES	Sales Fcst Qty	21,855	22,283	21,570			2,523	22,285	20,130	
8	FAMILY 100-HEADPHONES	Sales Fcst Rev.	3,548,079	3,644,500	3,587,400	3,689,886	3,542,514	3,604,043	3,649,664	3,285,307	3,689,886
9	FAMILY 100-HEADPHONES	Global Demand Plan Rev. for SOP	3,370,092	3,463,533	3,375,146	3,663,536	3,545,357	3,663,536	3,663,536	3,309,000	3,663,536
10	FAMILY 200-HOME THEATER	Actuals Qty Prior Yr	4,453	4,536	4,088	3,981	5,738	7,747	5,555	6,155	
11	FAMILY 200-HOME THEATER	Global Demand Plan Qty for SOP	5,915	6,101	5,943	6,063	5,721	7,650	5,520	6,250	
12	FAMILY 200-HOME THEATER	Consensus Demand	6,058	6,096	5,937	6,059	6,267	7,634	6,200	7,685	
13	FAMILY 200-HOME THEATER	Demand Planning Qty	6,125	5,762	5,669	6,109	6,153	6,581	6,219	5,177	
14	FAMILY 200-HOME THEATER	Marketing Fcst Qty	7,098	7,322	7,132	7,276	7,396	7,476	7,655	6,959	
15	FAMILY 200-HOME THEATER	Marketing Fcst Rev.	2,431,014	2,527,329	2,466,486	2,509,771	2,568,357	2,585,971	2,657,614	2,418,957	2,509,771
16	FAMILY 200-HOME THEATER	Sales Fcst Qty	5,816	6,143	5,941	6,203	6,266	6,215	6,117	5,856	
17	FAMILY 200-HOME THEATER	Sales Fcst Rev.	1,989,257	2,132,814	2,051,143	2,135,214	2,180,429	2,152,843	2,120,871	2,034,229	2,135,214
18	FAMILY 200-HOME THEATER	Global Demand Plan Rev. for SOP	2,025,914	2,105,786	2,055,400	2,091,300	1,963,646	2,642,466	1,907,497	2,229,839	2,091,300
19	FAMILY 300-MUSIC DOCKS	Actuals Qty Prior Yr	7,299	7,620	7,857	8,037	7,872	8,295	8,552	7,823	
20	FAMILY 300-MUSIC DOCKS	Global Demand Plan Qty for SOP	9,802	9,947	9,692	10,231	10,040	10,515	10,659	9,753	
21	FAMILY 300-MUSIC DOCKS	Consensus Demand	9,796	9,942	9,688	10,228	10,038	10,511	10,653	9,749	
22	FAMILY 300-MUSIC DOCKS	Demand Planning Qty	9,257	9,444	9,698	9,882	9,954	10,610	10,556	9,706	
23	FAMILY 300-MUSIC DOCKS	Marketing Fcst Qty	11,764	11,938	11,633	12,278	12,047	12,618	12,791	11,704	
24	FAMILY 300-MUSIC DOCKS	Marketing Fcst Rev.	14,088,829	14,298,314	13,866,171	14,706,657	14,430,000	15,113,800	15,321,743	14,020,171	14,706,657
25	FAMILY 300-MUSIC DOCKS	Sales Fcst Qty	9,774	10,113	9,762	10,248	10,126	10,582	10,616	9,885	
26	FAMILY 300-MUSIC DOCKS	Sales Fcst Rev.	11,713,657	12,124,400	11,609,914	12,275,057	12,124,143	12,671,971	12,704,686	11,853,714	12,275,057
27	FAMILY 300-MUSIC DOCKS	Global Demand Plan Rev. for SOP	11,740,086	11,914,257	11,553,486	12,254,714	12,026,914	12,596,029	12,768,829	11,683,943	12,254,714
28	FAMILY 500-TRADING	Actuals Qty Prior Yr	12,400	12,400	12,000	12,400	12,000	12,400	12,400	11,200	
29	FAMILY 500-TRADING	Global Demand Plan Qty for SOP	12,400	12,400	12,000	12,400	12,000	12,400	12,400	11,200	
30	FAMILY 500-TRADING	Consensus Demand	12,400	12,400	12,000	12,400	12,000	12,400	12,400	12,398	
31	FAMILY 500-TRADING	Demand Planning Qty	12,400	12,400	12,000	12,400	12,000	12,400	12,400	11,200	
32	FAMILY 500-TRADING	Marketing Fcst Qty	14,880	14,880	14,400	14,880	14,400	14,880	14,880	13,440	

Save as New Tile

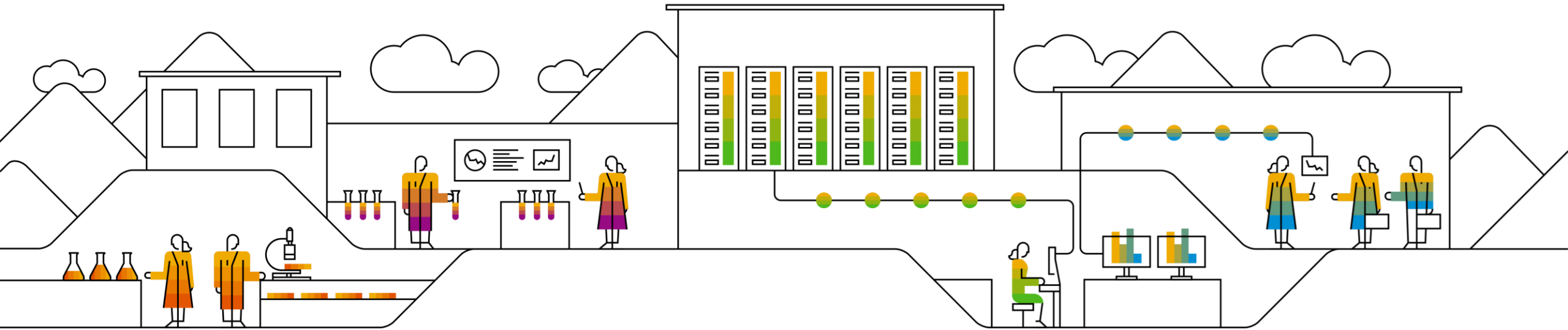




System Demo

Social Collaboration with SAP Work Zone

Raghav Jandhyala



SAP Work Zone

SAP Work Zone is the successor for the IBP collaboration processes formerly done with JAM, which enables you to build **digital workplace solutions to increase user productivity and engagement**. It centralizes access to relevant business applications, processes, information, and communication in a unified entry point that your users can access from any device.



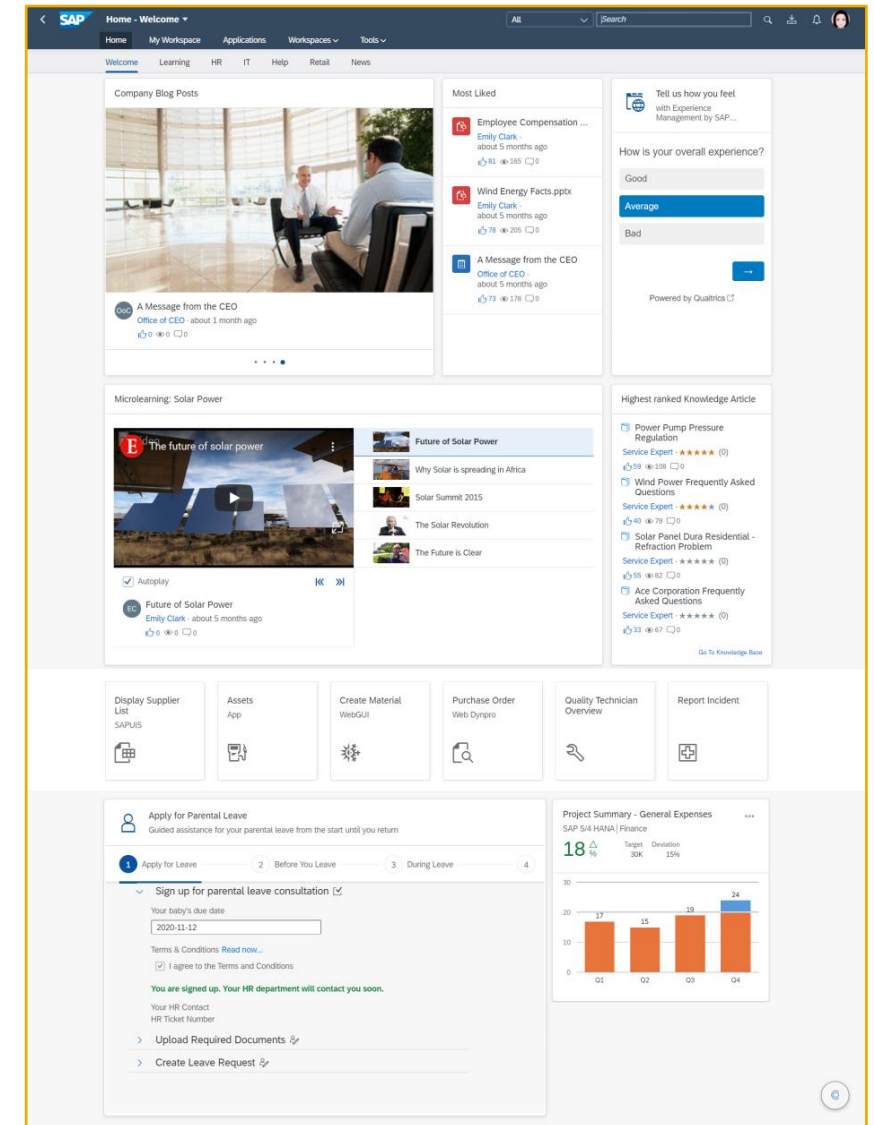
Benefit

- Increase user engagement by providing integrated information and collaboration tools
- Harmonize user experience across SAP and third-party applications
- Speed up decision making by providing an integrated environment for collaboration, workflows, business apps, reports and information



Key capabilities

- Central access for apps, tasks, notifications, information and communication
- Integrated collaboration capabilities
- Seamless SAP and third-party apps integration



SAP Work Zone at a Glance



SELF SERVICE INTRANET

Easy-to-manage, self-service for the entire organization



EMPLOYEE-FOCUSED

Personalized and easy to use with role-based data



LAUNCHPAD

A centralized location for your SAP business applications, data and processes



COMMUNICATE AND ENGAGE

Self-sufficient, freeform layout and drag-and-drop design to engage employees



TEAM COLLABORATION

Self-service personal, project, topical, departmental and community workspaces



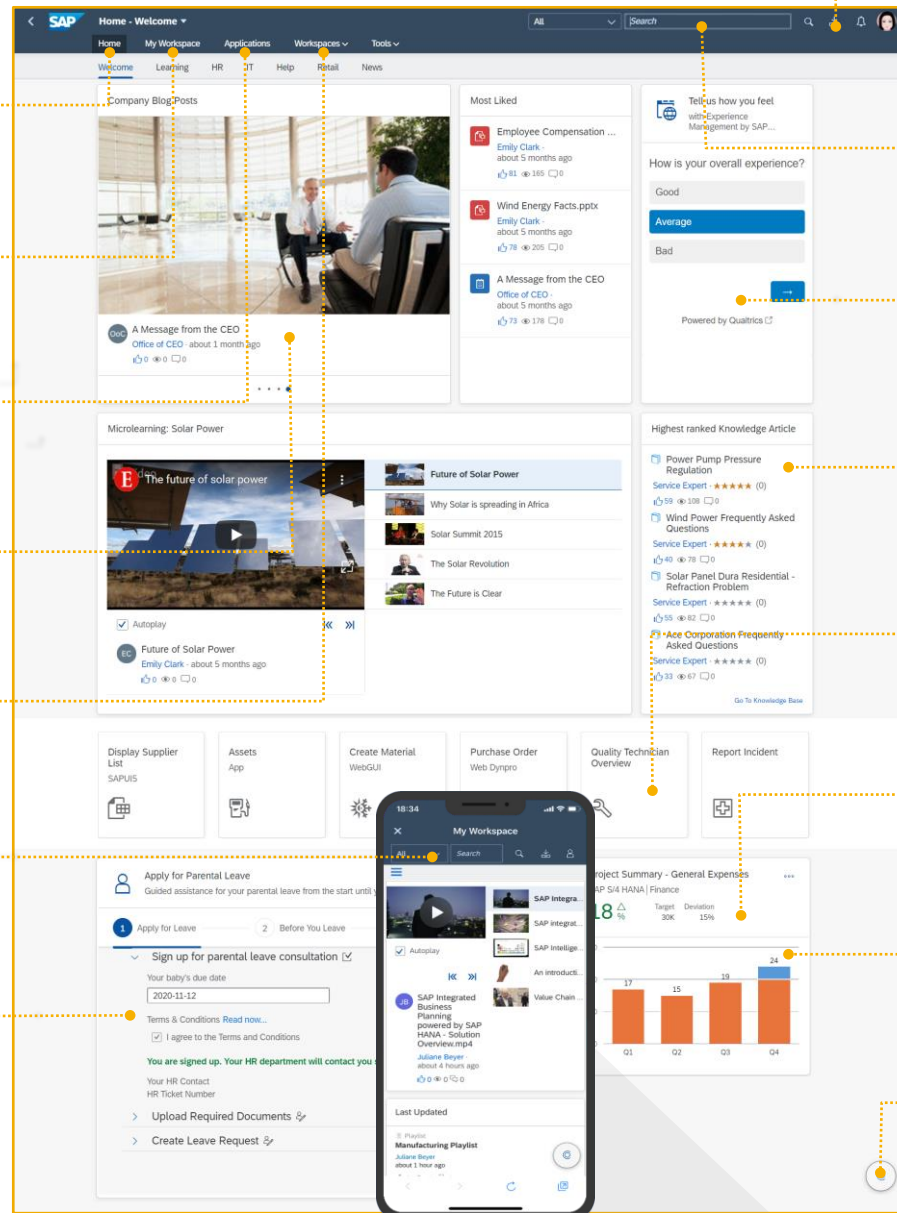
MOBILE READY

Anytime, anywhere access with responsive web and a dedicated mobile app



CREATE GUIDED WORKFLOW EXPERIENCES

Use a template project to build guiding user experiences on top of workflows



MY INBOX

Process workflow tasks that matter to you within the integrated My Inbox application



SEARCH

Discover and find information with powerful content and document indexing



INTEGRATE EXPERIENCE MANAGEMENT

Engage, monitor and measure with Qualtrics embedded within the experience



KNOWLEDGE BASE

Create, retain and share knowledge across the entire organization



SAP BUSINESS APPS

Quick access to SAP S/4HANA and other frequently used business apps



UI INTEGRATION CARDS

Embed and display SAP and third-party business data from across your organization



EXTEND AND DEVELOP

Extend with full IDE based on SAP Business Application Studio



INTEGRATE CONVERSATIONAL AI

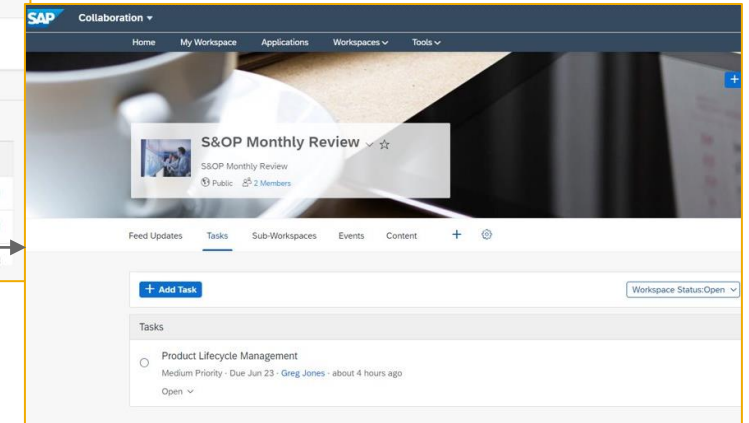
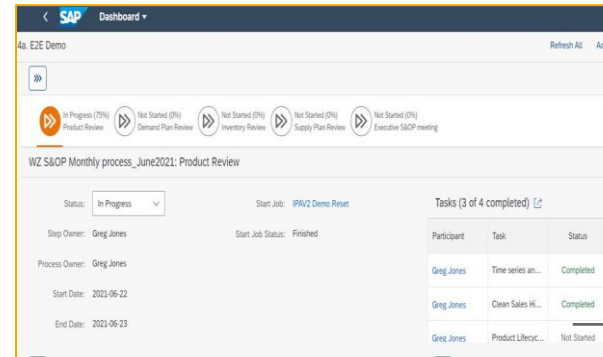
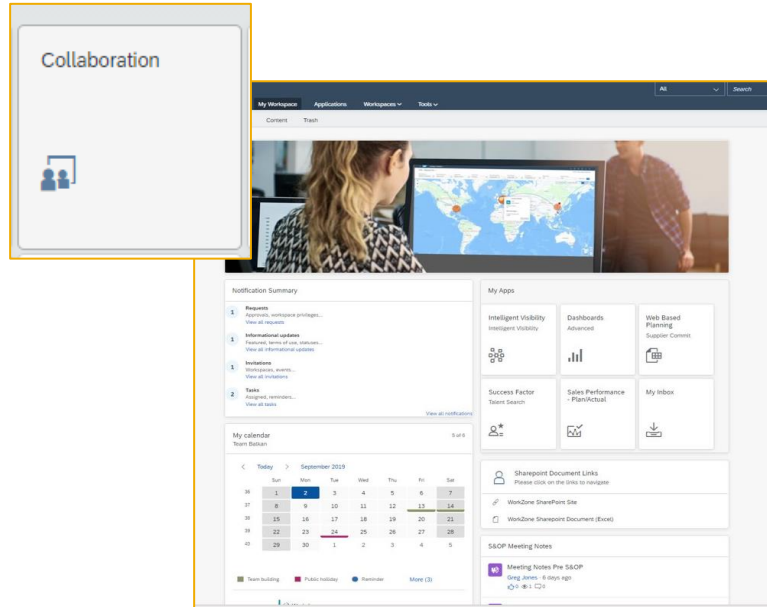
Develop and integrate chatbots

Social Collaboration with SAP Work Zone

Existing IBP collaboration features with JAM will continue to work with SAP Work Zone

Collaborate across cross functional units

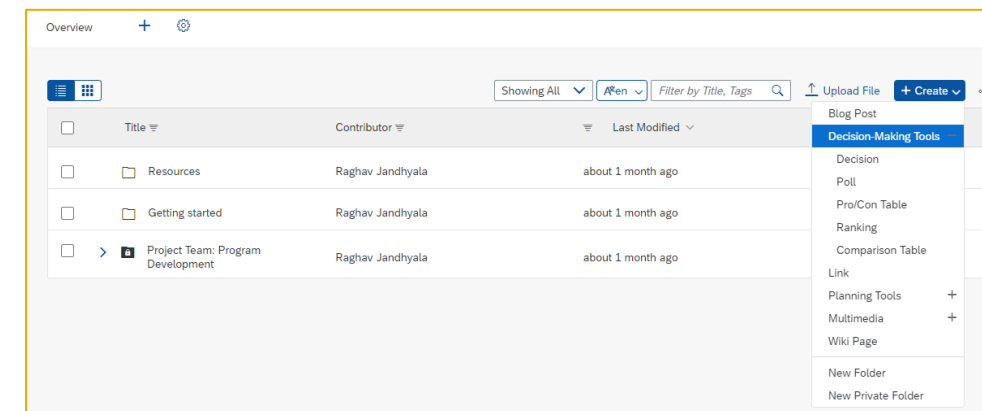
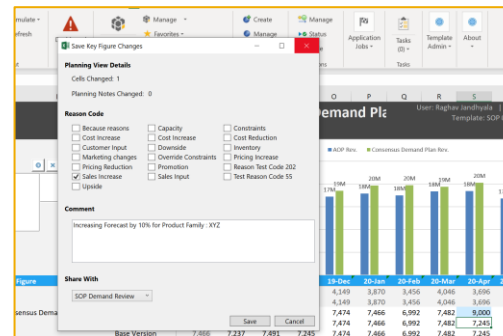
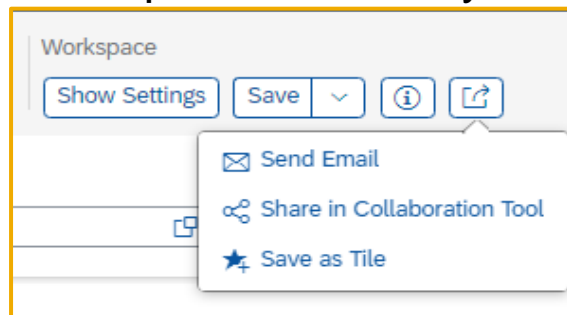
View and complete Planning tasks



Share objects such as Planner Workspace, and Analytics

Share changes to plan with Reason code and Comments

Document Repository and Collaboration Tools

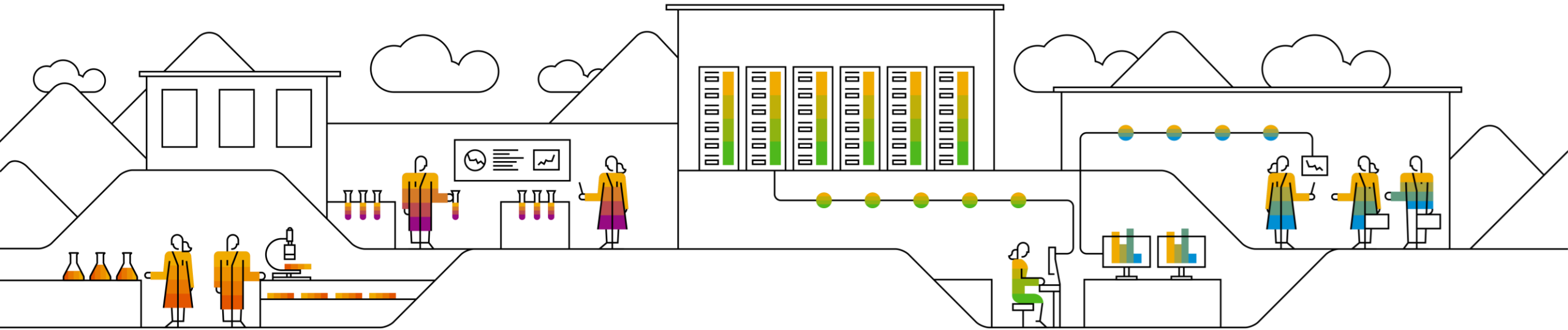


Collaboration options for new and existing IBP Customers

- New customers who licensed SAP IBP with 2108, automatically use SAP Work Zone for social collaboration.
- If you licensed SAP IBP up to and including 2105, you can continue to use SAP Jam
- You have the option to switch to SAP Work Zone. (This requires a new contract – please check with your account team)
- You can only use either SAP Jam or SAP Work Zone for social collaboration in SAP IBP. Both together are not supported and other collaboration platforms are not supported at this time.
- With IBP 2108, we just offer the IBP to Work Zone integration similar to IBP to JAM collaboration. New capabilities of Work Zone like Central Launchpad, UI Cards, Work Zone Content will be supported in later releases.
- There is a new Integration Guide for IBP integration with SAP Work Zone. See the [SAP Work Zone Integration Guide](#) for information.

Change History Analysis Enhancements

Raghav Jandhyala



Enhancements to Change History Analysis App

Multiple changes in Change ID Popover

- For manual changes that include simulations, the popover now shows additional information for each sub change that represents the simulation.

Details for Change: 762961	
Changed On/At	7/12/21, 12:01 PM
Changed By	Zoltan Miklos Biro
Reason Code	Constraints
Comment	new constraints considered
Source Of Change	Excel Add-In: Save Data in Planning View
Subchange ID 1	
Target UoM	EA
Updated Key Figures	CH5
Applied Filters	Location ID equal to L1, L2
Subchange ID 2	
P3	761788
New Value	1,547.000000

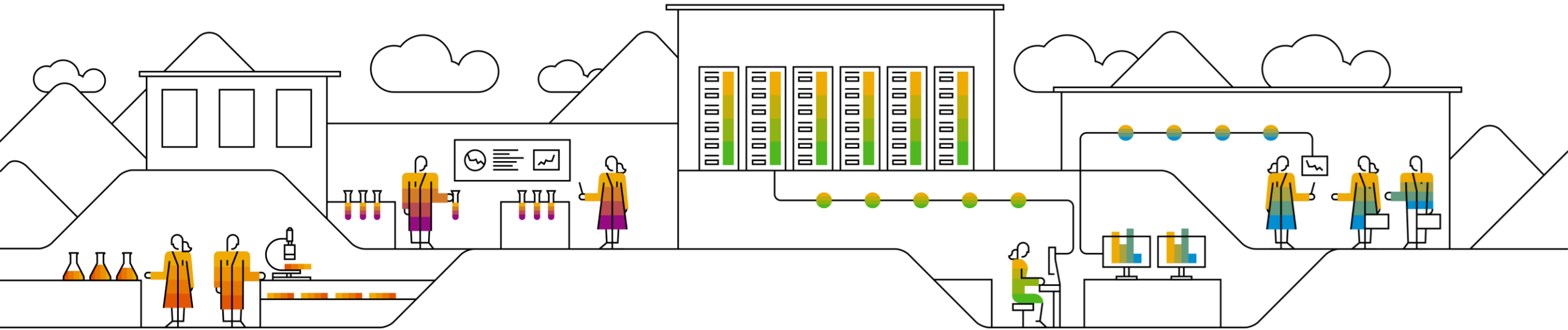
Horizontal Layout of Changes

- Like IBP planning views, you can now view changes on a horizontal time axis in which each period is displayed in its own column
- You can switch between the vertical layout and the horizontal layout

Product ID	Change ID	Type of Value	JAN 2021	FEB 2021	MAR 2021	APR 2021	MAY 2021	JUN 2021
P2	761787	Difference	1,798.000000	1,325.000000	1,101.000000	225.000000	1,037.000000	-614.000000
P2	761787	Difference %	100.00	100.00	100.00	100.00	100.00	-60.79
P2	761788	Prior Value	1,798.000000	1,325.000000	1,101.000000	225.000000	1,037.000000	396.000000
P2	761788	New Value	1,577.000000	1,590.000000	1,508.000000	1,528.000000	1,558.000000	1,527.000000
P2	761788	Difference	-221.000000	265.000000	407.000000	1,303.000000	521.000000	1,131.000000
P2	761788	Difference %	-12.29	20.00	36.97	579.11	50.24	285.61
P3	744028	Prior Value						1,020.000000
P3	744028	New Value						1,020.000000
P3	744028	Difference						100.00
P3	744028	Difference %						100.00
P3	761787	Prior Value	1,505.000000	958.000000	1,060.000000	1,642.000000	1,313.000000	643.000000
P3	761787	New Value	1,505.000000	958.000000	1,060.000000	1,642.000000	1,313.000000	-377.000000
P3	761787	Difference						-377.000000
P3	761787	Difference %	100.00	100.00	100.00	100.00	100.00	-36.96

New App: Analyze Data Volume in Calculations

Gabor Mittweg



Analyze Data Volume in Calculations App

Using the *Analyze Data Volume In Calculations* app, you can create a detailed report about the volume of data processed in each step of a calculation graph.

We use data records to measure data volume in calculations. Data record is a row in a temporary database table constructed at runtime.

It is an estimated value.

The amount of data records usually correlates with runtime.

Distance from Data Source	Calculation	Type	Data Records	Time Series Records (Total)
Key Figure at Request Level: ACTUALSQTY				
4	ACTUALSQTY@REQUEST	📊	13.237	
3	ACTUALSQTY@DAYPRODLOCCUSTUOMTO	📊	118.950	
2	ACTUALSQTY@DAYPRODLOCCUST	📊	11.504.720	
1	DELIVQTY@DAYPRODLOCCUST	📊	0	
	UOMCONVERSIONFACTOR@PRODUOMTO	⚙️	540	11.079
	DELIVQTY@DAYDELIVERY	⚙️	0	
	ACTUALSQTY@DAYPRODLOCCUST	⚙️	11.504.720	41.685.635

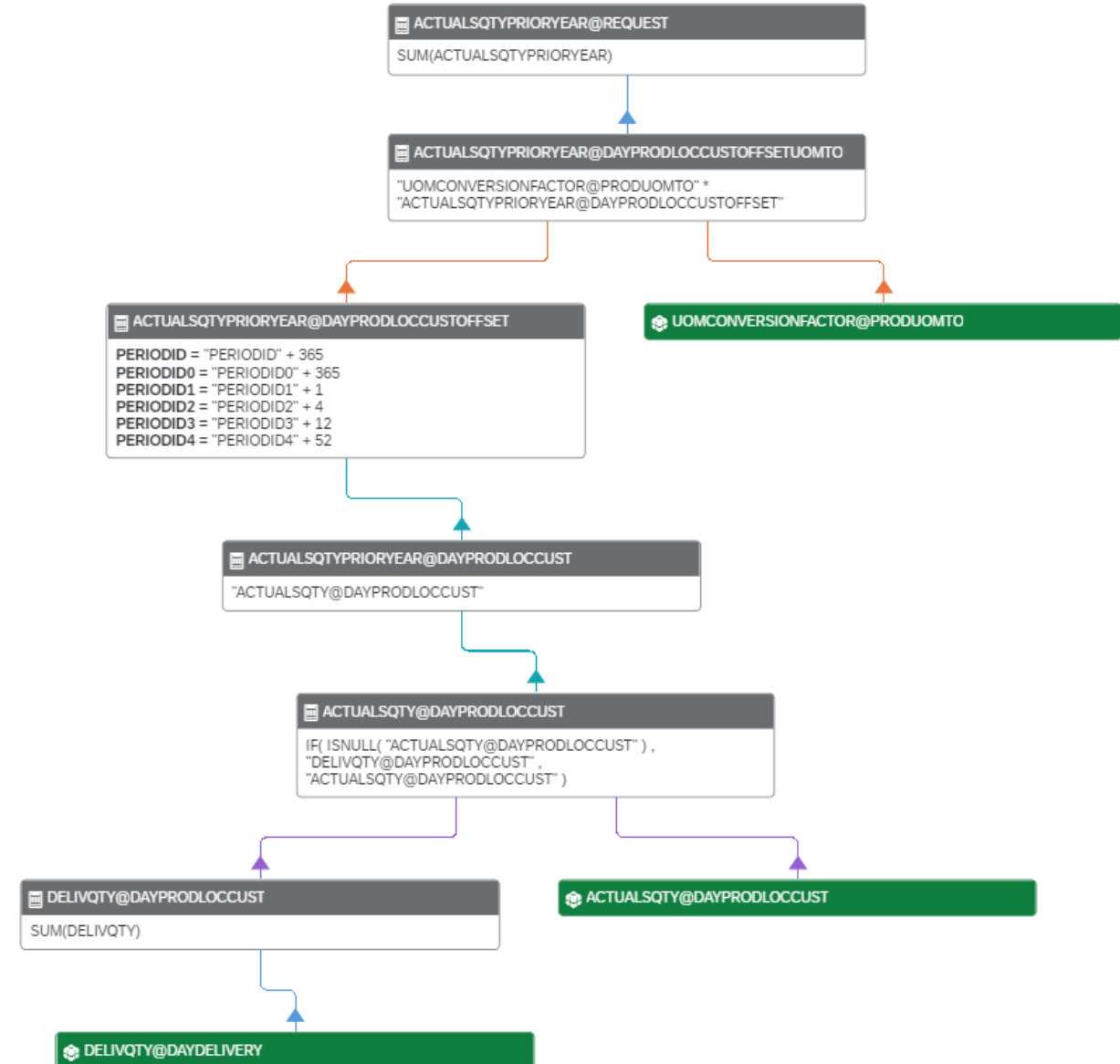
To be authorized to use the *Analyze Data Volume In Calculations* app, make sure that the **Analyze Data Volume in Calculations for Administrators** (SAP_IBP_BC_DATAVOLAN_ADM_PC) business catalog is assigned to your business role.

What Happens When Running the Report?

When running the report, the system analyzes the complete calculation graphs of all key figures added to the planning view as if it were executed in SAP IBP, add-in for Microsoft Excel.


The system determines each calculation step that is required to calculate the key figures queried in the planning view. The report measures the amount of data records processed in each calculation step, including the interim calculation steps as well.

Key figures are analyzed at the requested aggregation level, taking into account the master data and time attributes selected, filters applied by the business users, and user-specific permission filters too.








Data Volume Report

List of available reports

Data Volume Reports (6)						Create	Copy	Delete	
<input type="checkbox"/>	Created On	Status	Sheet	Template/Favorite	Planning Area	Created By			
<input type="checkbox"/>	05.07.2021, 16:50:15	Success	Sheet1	Actuals Quantity Prior Year3	UPAPERFN	Gabor Mittweg			
<input type="checkbox"/>	05.07.2021, 16:19:11	Success	Sheet1	Actuals Quantity Prior Year3	UPAPERFN	Gabor Mittweg			
<input type="checkbox"/>	05.07.2021, 15:35:42	Success	Sheet1	Actuals Quantity Prior Year3	UPAPERFN	Gabor Mittweg			

Copy function makes it easy to repeat the measurement.

Report Header

 Data Volume Report Details 								
Actuals Quantity Prior Year Measurement								
Planning Area:	Template/Favorite:	Sheet:	Key Figures in Template/Favorite:	Attributes in Template/Favorite:				
UPAPERFN	Actuals Quantity Prior Year3	Sheet1	3	2				

Administrative Information

Report Run For:	Created By:	Created On:	Status:
Gabor Mittweg	Gabor Mittweg	06.07.2021, 17:37:13	Success

Data Volume Report - Calculations Grouped by Key Figures at Request Level

In this view, calculation steps in common are displayed under each key figure that uses them as input. Though they are listed several times, they are performed only once and then reused by all calculations built on them.

You can also navigate to the *Planning Areas* app, where you can display all details of the selected key figure.

Group by Key Figures at Request Level		Ungroup	Version	Base Version	Time Profile Level	Day		
Distance from Data Source	Calculation	Type	Data Records	Time Series Records (Total)	Filtering Blocked	Calculation Node Shared		
Key Figure at Request Level: ACTUALSQTY								
4	ACTUALSQTY@REQUEST		13.020					
3	ACTUALSQTY@DAYPRODLOCCUSTUOMTO		117.000					
2	ACTUALSQTY@DAYPRODLOCCUST		11.502.128		Yes	Yes		
1	DELIVQTY@DAYPRODLOCCUST		0		Yes			
	UOMCONVERSIONFACTOR@PRODUOMTO		540	11.079				
	DELIVQTY@DAYDELIVERY		0		Yes			
	ACTUALSQTY@DAYPRODLOCCUST		11.502.128	41.685.635	Yes			
Key Figure at Request Level: ACTUALSQTYPRIORYEAR								
5	ACTUALSQTYPRIORYEAR@REQUEST		42.984					
4	ACTUALSQTYPRIORYEAR@DAYPRODLOCCUSTOFFSETUOMTO		380.376					
2	ACTUALSQTYPRIORYEAR@DAYPRODLOCCUST		11.502.128		Yes	Yes		
2	ACTUALSQTY@DAYPRODLOCCUST		11.502.128		Yes	Yes		
1	DELIVQTY@DAYPRODLOCCUST		0		Yes			
	UOMCONVERSIONFACTOR@PRODUOMTO		540	11.079				
	DELIVQTY@DAYDELIVERY		0		Yes			
	ACTUALSQTY@DAYPRODLOCCUST		11.502.128	41.685.635	Yes			

Data Volume Report – Calculation Steps Ungrouped

If you ungroup the calculation steps, each calculation is listed only once in the table.

You also have the possibility to display the calculation graph that contains the selected calculation in the *Key Figure Calculations* app.

Group by Key Figures at Request Level		Ungroup	Version	Base Version	Time Profile Level	Day	...
Distance from Data Source	Calculation	Type	Data Records	Time Series Records (Total)	Filtering Blocked	Calculation Node Shared	
5	SALESFORECASTACCURACYPCT@REQUEST		13.020				
5	ACTUALSQTYPRIORYEAR@REQUEST		42.984				
4	ACTUALSQTYPRIORYEAR@DAYPRODLOCCUSTOFFSETUOMTO		380.376				
4	ACTUALSQTY@REQUEST		13.020				
3	ACTUALSQTY@DAYPRODLOCCUSTUOMTO		117.000				
2	SALESFORECASTQTY@REQUEST		0				
2	ACTUALSQTYPRIORYEAR@DAYPRODLOCCUST		11.502.128		Yes	Yes	
2	ACTUALSQTY@DAYPRODLOCCUST		11.502.128		Yes	Yes	
1	SALESFORECASTQTY@WKPRODLOCCUSTUOMTO		0				
1	DELIVQTY@DAYPRODLOCCUST		0		Yes		
	UOMCONVERSIONFACTOR@PRODUOMTO		540	11.079			
	SALESFORECASTQTY@WKPRODLOCCUST		313.032	10.021.588			
	DELIVQTY@DAYDELIVERY		0		Yes		
	ACTUALSQTY@DAYPRODLOCCUST		11.502.128	41.685.635	Yes		

Filter Blocks and Shared Nodes

A very common reason why data volume is not reduced at the level of stored key figures is that there are filter blocks in the calculation graph. In the calculations where filtering is blocked, the attributes that are affected by a filter block are listed on the pop-ups.

Different calculations and key figures that are defined at the same planning level can be processed in the same calculation node. In such a case, data is fetched only once. Though these calculation steps and key figures are listed as separate entries in the result of the data volume report, the relevant data records are processed only once.

The screenshot displays a SAP data volume report interface. At the top, there are tabs for 'Group by Key Figures at Request Level' (selected), 'Ungroup', 'Version' (Base Version), and 'Time Profile Level' (Day). Below these, a table lists calculation nodes with columns for 'Distance from', 'Data', 'Time Series', 'Filtering Blocked', and 'Calculation Node Shared'. Two pop-up windows are overlaid on the table. The first pop-up, titled 'Filter Block Attributes', explains that filtering is blocked for certain attributes used as filters in the template or favorite. It contains a table with the following data:

Filter Block Type	Blocking Calculation	Key Figure at Request Level
PERIODID0		
Inherited Filter Block	ACTUALSQTYPRIORYEAR@DAYPRODLOCCUSTOFFSET	ACTUALSQTYPRIORYEAR

The second pop-up, titled 'Calculation Node Shared', states that the following calculations are processed together in the same calculation node:

- ACTUALSQTY@DAYPRODLOCCUST
- ACTUALSQTYPRIORYEAR@DAYPRODLOCCUST

Both pop-ups have 'Yes' buttons next to them, indicating that the conditions for filtering and shared nodes are met.

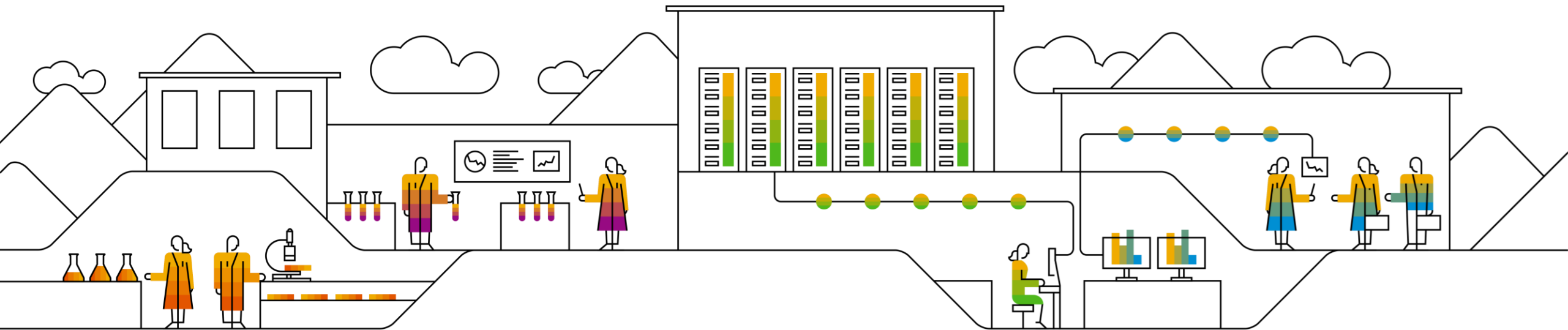
Data Volume Report - Detailed Runtime Results

The runtime result is for your reference only, as the value might be very different from what the user experiences in SAP IBP, add-in for Microsoft Excel. This is especially the case when there are several versions and time profile levels in the planning view. However, the runtime numbers might very well serve as indicators of the most performance intensive combinations, which you can further investigate and fine-tune.

Version	Time Profile Level	Query Runtime	Records in the Output Data Set
Base Version	Day	993 ms	55.788
	Month	1706 ms	8.785
Downside Version	Day	1146 ms	55.788
	Month	2244 ms	8.785
Upside Version	Day	990 ms	55.788
	Month	1602 ms	8.785

Last Value Calculation

Gabor Mittweg



Last Value Calculation

Use the last value calculation to search for and return the last not NULL value of the input key figure (in case its actual value is NULL), starting from the previous period.

Last value calculation imposes time filter block in the calculation graph of a key figure.

Example:

LASTVALUEKF@MTHPRODLOC = IBP_LAST_VALUE ("STOREDKF@MTHPRODLOC")

			SEP	OCT	NOV	DEC	JAN	FEB
PRD1	LOC1	Stored Key Figure	10	10	10	10	10	10
		Last Value Key figure	10	10	10	10	10	10
	LOC2	Stored Key Figure	10	10	10	0	10	10
		Last Value Key figure	10	10	10	0	10	10
	LOC3	Stored Key Figure	10	10	30	NULL	10	10
		Last Value Key figure	10	20	30	30	10	10
	LOC4	Stored Key Figure	20	NULL	NULL	NULL	10	10
		Last Value Key figure	20	20	20	20	10	10
	LOC5	Stored Key Figure	20	NULL	NULL	NULL	NULL	10
		Last Value Key figure	20	20	20	20	20	10

Last Value Calculation

If the second parameter is defined, it specifies the maximum number of time periods in the past, starting from the previous period, that are included in the search. It uses the root time period of the input planning level. **SAP recommends to use this parameter and to test performance in case of large data volumes.**

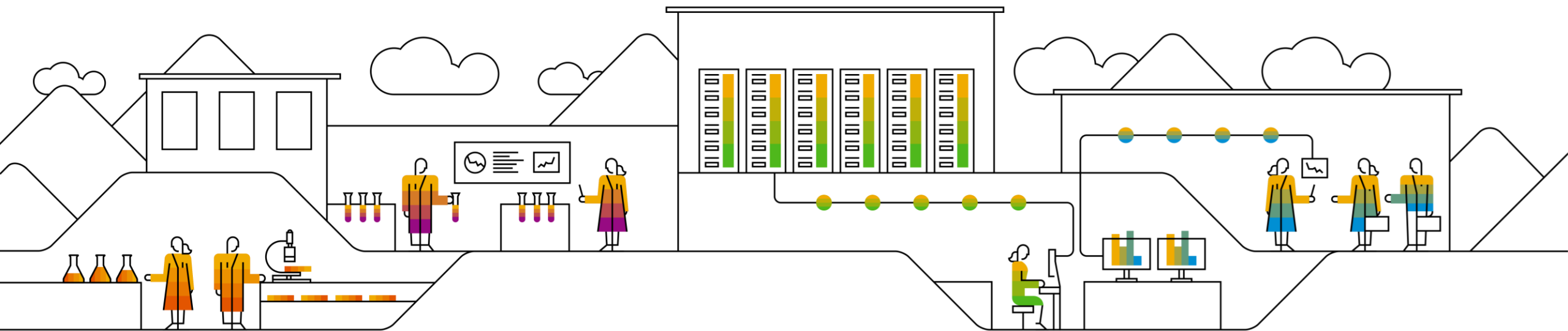
Example:

LASTVALUEKF@MTHPRODLOC = IBP_LAST_VALUE ("STOREDKF@MTHPRODLOC", 2)

			SEP	OCT	NOV	DEC	JAN	FEB
PRD1	LOC1	Stored Key Figure	10	10	10	10	10	10
		Last Value Key figure	10	10	10	10	10	10
	LOC2	Stored Key Figure	10	10	10	0	10	10
		Last Value Key figure	10	10	10	0	10	10
	LOC3	Stored Key Figure	10	10	30	NULL	10	10
		Last Value Key figure	10	20	30	30	10	10
	LOC4	Stored Key Figure	20	NULL	NULL	NULL	10	10
		Last Value Key figure	20	20	20	NULL	10	10
	LOC5	Stored Key Figure	20	NULL	NULL	NULL	NULL	10
		Last Value Key figure	20	20	20	NULL	NULL	10

Additional Mathematical Functions

Gabor Mittweg

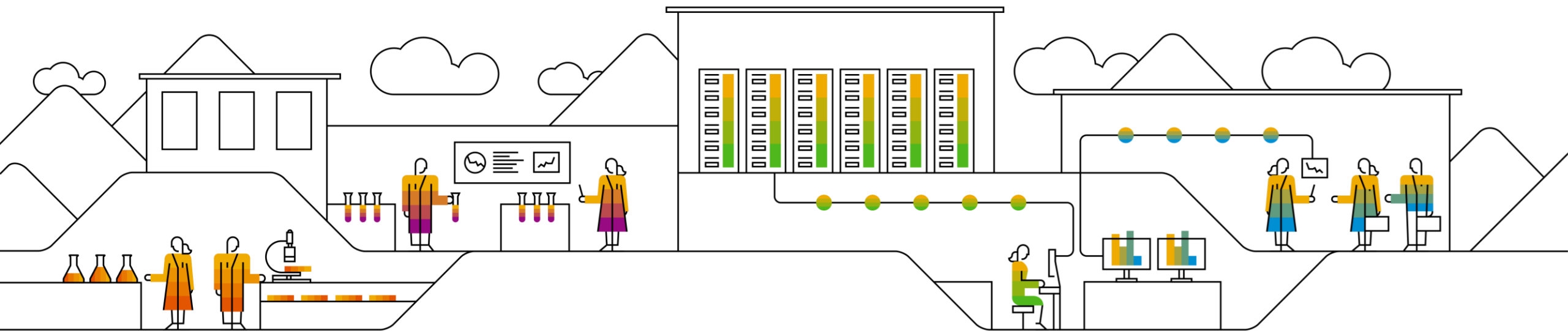


Additional Mathematical Functions

New validation checks have been introduced to support the use of the EXP, SQRT, LOG and ** (power) functions in key figure calculations.

EXP(arg1)	Returns the result of the constant e raised to the power of a number. The EXP function has one mandatory parameter, which is the power that e is raised to. It can be an expression (with a numeric output), a key figure, an integer type attribute, or a numeric constant.	KF@MTHPRODLOC = EXP("SKF@MTHPRODLOC")
LOG(arg1)	Returns the natural logarithm of a given number. The LOG function has one mandatory parameter, which is the number to take the natural logarithm of. It can be an expression (with a numeric output), a key figure, an integer type attribute, or a numeric constant.	KF@MTHPRODLOC = LOG("SKF@MTHPRODLOC")
SQRT(arg1)	Returns the square root of a positive number. The SQRT function has one mandatory parameter, which is the number to get the square root of. It can be an expression (with a numeric output), a key figure, an integer type attribute, or a numeric constant.	SQRT@MTHPRODLOC = IF("SKF1@MTHPRODLOC" = 1, SQRT ("SQUAREDemand@MTHPRODLOC"), -1)

New Function: Partially Copy SAPIBP1 into new Balazs Buday



A new option to copy any application(s) from SAPIBP1:

- **Create New by Partial Copy**

It copies less than the traditional partial copy („Create New with Dependencies”):

- Copies only the required(*) Master Data Types with the required (*) Attributes
- Assigns only the required (*) PA-Attributes
- Assigns only the required (*) PL-Attributes

(*) *required* = objects classified as such by content owners

Copy Planning Area

Create New with Dependencies
Creates an exact copy of the source planning area with a new ID and copies the master data types and the time profile of the planning area as well.

Create New by Partial Copy
Creates a partial copy of the Unified Planning Area (SAPIBP1) with a new ID, including the time profile and the objects (attributes within master data types, planning levels, etc.) that depend on the key figures and attributes relevant to the applications specified under Filters for Partial Copy but no other dependencies.

Partially Merge with Existing
Updates the target planning area with the selected objects (key figures and attributes) of the source planning area and with the objects dependent on the selected primary input objects.

Merge with Existing
Combines two planning areas into a new one. The new planning area is created in the target planning area, adds new objects from the source planning area, and updates the intersect configuration in the target planning area.

Replace Existing
Updates the target planning area based on the source planning area and keeps the ID of the target planning area.

Replace Existing Including Dependencies
Updates the target planning area and replaces the source planning area while keeping the IDs of the master data types.

Create New by Partial Copy

New Planning Area: *
Enter an ID for the new planning area.

New Time Profile: *
Enter an ID for the new time profile.

Master Data Types

Source Prefix: *
IBP

Target Prefix: *

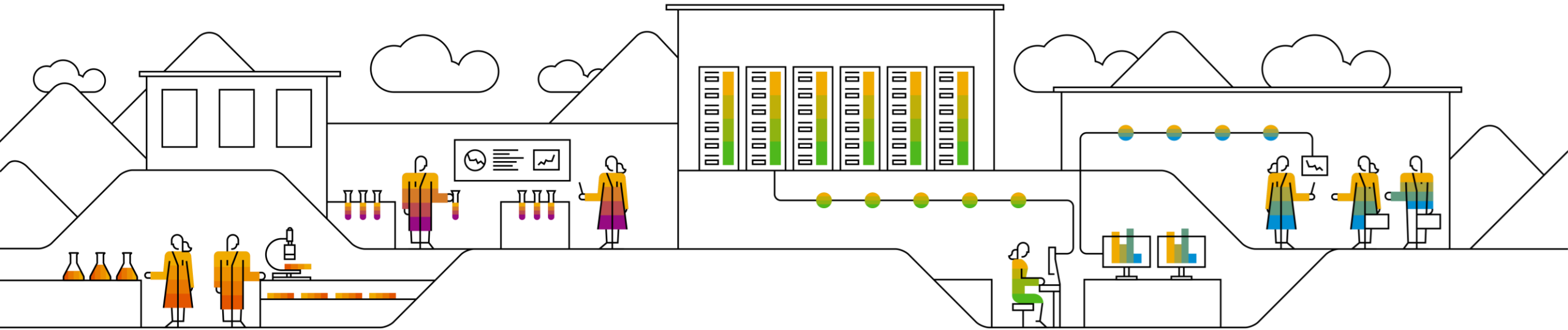
Filters for Partial Copy

- ☐ All Supported Applications
- ☒ Demand Planning
- ☒ Demand Sensing
- ☐ Inventory Optimization
- ☐ Sales and Operations Planning and Supply Planning
- ☐ Copy Analytics and Alerts

Copy Cancel

Configuration App enhancements

Balazs Buday





Unified Planning Area

BUBUPB2

Focus Mode

Edit Header

Check ▾

Activate ▾

Operations ▾



General

Attributes

Planning Levels

Attributes as Key Figures

Key Figures

Snapshots

Versions

Planning Operators

Information

Status:
InactiveLast Action Status:
Copy - SuccessNormalized:
No

Planning Area Settings

Edit

Enable Supply Planning:



Enable External Time Series:



Enable Change History:

☐ Enable Change-History-Based Key Figure Calculations☐ Enable Changes to Master-Data-Based Key Figures

Edit

Time Settings

Time Profile:

Current Period Offset:

Storage Time Profile Level:

Documentation sometimes refer
„If your Planning Area is
normalized, then...”

Attribute usage within the Planning Area configuration:

Unified Planning Area

BUBDP1SAVE

General **Attributes** Planning Levels Attributes as Key Figures Key Figures Snapshots Version

Focus Mode

Edit Header

Check ▾

Activate ▾

Operations ▾

📅 ▾

⋮

Attributes (41)

Search



Add

Edit

Assign to Planning Levels

Cancel Delete

Delete



Master Data Type ID

Attribute ID

Planning Area Attribute Description

Business Meaning

Attribute Category

Planning Level Independent

Planning Levels

Assignment Status

Key Figures

IBPCURRENCY

CURRDESCR

Currency Desc

Currency Identifier

Calculated



8

Active

Show

CURRID

Currency ID

Currency Description

Mandatory



8

Active

Show

IBPCURRENCYTO

CURRTODESCR

Target Currency Desc.

Optional



CURRTOID

Target Currency

Optional



IBPCUSTOMER

CUSTCHANNEL

Channel

Optional



CUSTCOUNTRY

Customer Country/Region

Optional



CUSTDESCR

Customer Description

Customer Description

Optional



CUSTGROUP

Customer Group

Customer Group

CUSTID

Customer ID

Customer ID

Attributes (41)

Search



Add

Edit

Assign to Planning Levels

Cancel Delete



Master Data Type ID

Attribute ID

Planning Area Attribute Description

Business Meaning

Attribute Category

Planning Level Independent

Planning Levels

Assignment Status

Key Figures

XYZID

XYZ Code

Optional



22

Active

Show

XYZLOCKED

Key Figures

IBPPRODUCTIONSOURCEI

SPRDFR

Key Figure ID

Key Figure Name

Status

IBPRESOURCE

RESID

Calculation Expression

IBPSOURCECUSTOMER

TIMESERIESPRO

ABCXYZCOUNTER

ABC/XYZ Segment Counter

Active

If you turn on the hidden column „Key Figures”, ...

... then the system checks all attribute references within your PA

BUBDP1SAVE (Unified Planning Area) / D | Prod | Loc | Cust | UoMTo

D | Prod | Loc | Cust | UoMTo

DAYPRODLOCCUSTUOMTO

General Time Attributes **Attributes** Key Figures Administrative Information

Attributes

Attributes (28)

Search



Add

Cancel Deletion

Delete



<input type="checkbox"/>	Master Data Type ID	Attribute ID	Attribute Name	Root	Conversion Source	Conversion Target	Assignment Status
<input type="checkbox"/>	IBPCUSTOMER	CUSTID	CUSTID	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Active
<input type="checkbox"/>		CUSTCHANNEL	Channelchanged	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Active
<input checked="" type="checkbox"/>		CUSTCOUNTRY	Customer Country/Region	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Active
<input checked="" type="checkbox"/>		CUSTDESCR	Customer Desc.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Active
<input checked="" type="checkbox"/>		CUSTGROUP	Customer Group / Segment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Active
<input type="checkbox"/>		CUSTIDDISPLAY	Customer ID Display	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Active
<input type="checkbox"/>		CUSTREGION	Customer Region	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Active

Save

Cancel

Now you can delete multiple PL-Attributes in one action



Mine* ▾

Application Logs

Related Apps



Master Data Types (355)

Show Latest

Show Active

New ▾

Copy

Edit

Check ▾

Activate ▾

Restore Active Instance

Delete

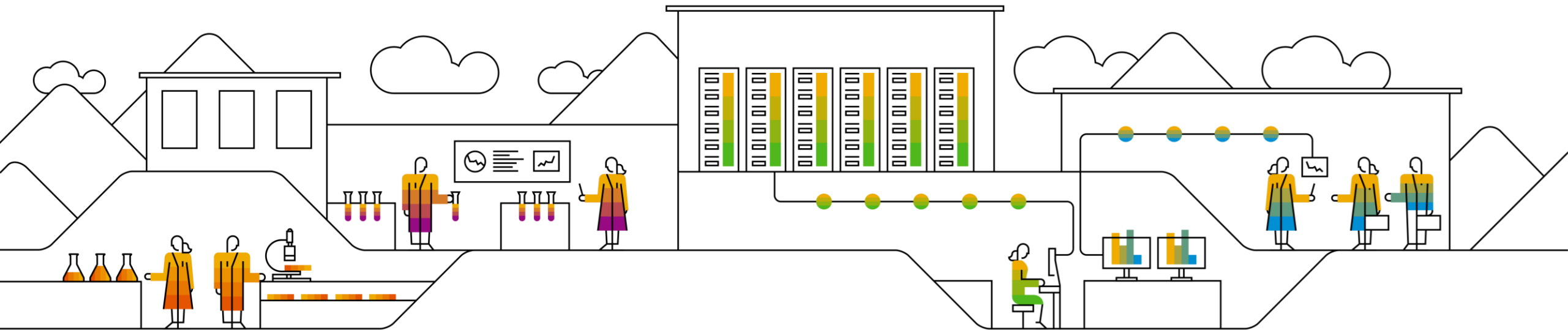


With IBP 2108, you can delete multiple Master Data Types in one action

<input type="checkbox"/>	ID	Name	Description	Type	Status	Created On	Last Action	Attributes	Master Data Types	Planning Areas	
<input type="checkbox"/>	BUNSOURCECUSTOMERVALIDITY	Customer Source Validity	Customer Source Validity	Simple	Active	08.06.2021, 16:04:49	Activation - Success	5			>
<input type="checkbox"/>	BUNSOURCELOCATION	Location Source	Location Source	Compound	Active	08.06.2021, 16:04:49	Activation - Success	22	3	1	>
<input type="checkbox"/>	BUNSOURCELOCATIONR	Source Location Reference	Source Location Reference	Reference	Active	08.06.2021, 16:04:49	Activation - Success	4		1	>
<input type="checkbox"/>	BUNSOURCELOCATIONVALIDITY	Location Source Validity	Location Source Validity	Simple	Active	08.06.2021, 16:04:49	Activation - Success	5			>
<input type="checkbox"/>	BUNSOURCEPRODUCTION	Production Source Header	Production Source Header	Simple	Active	08.06.2021, 16:04:49	Activation - Success	24	3	1	>
<input type="checkbox"/>	BUNSOURCEPRODUCTIONVALIDITY	Production Source Validity	Production Source Validity	Simple	Active	08.06.2021, 16:04:49	Activation - Success	3			>
<input type="checkbox"/>	BUNSPRODUCT	Substitute Product	Substitute Product	Reference	Active	08.06.2021, 16:04:49	Activation - Success	1	2	1	>
<input type="checkbox"/>	BUNSPRODUCTTO	Leading Product	Leading Product	Reference	Active	08.06.2021, 16:04:49	Activation - Success	1		1	>
<input checked="" type="checkbox"/>	BUNTRANSPORTATIONRESOURCE	Transportation Resource	Transportation Resource	Compound	Active	08.06.2021, 16:04:49	Activation - Success	9		1	>
<input checked="" type="checkbox"/>	BUNUOMCONVERSIONFACTOR	UoM Conversion Factor	UoM Conversion Factor	Compound	Active	08.06.2021, 16:04:49	Activation - Success	3		1	>
<input type="checkbox"/>	BUNUOMTO	Target UoM	Target UoM	Simple	Active	08.06.2021, 16:04:49	Activation - Success	2	1	1	>

Manage Planning Objects App

Rainer Moritz



Planning Objects

What is a planning object?

A Planning Object is a combination of the key attributes of a planning level and represents a planning relevant entity such as a product-location-customer combination for example. It has key figures assigned to it that contain the planning data and is similar to Characteristic Value Combination (CVC) in SAP APO.

Use Cases

The **new SAP Fiori app *Manage Planning Objects*** supports users to work with planning objects in SAP IBP. It shall offer the following capabilities:

Use Case	Priority	Delivery
<i>Display</i> planning objects	1	2108
<i>Delete</i> obsolete planning objects	2	2108
<i>Create</i> new planning objects	3	2111*
<i>Check</i> planning objects	4	> 2111*

* Planned

Use Case 1: *Display* Planning Objects

Benefit

- Increased transparency
- Starting point for actions (e.g. deletion)

Examples

- Check which planning objects exist on which planning level to identify missing planning objects or inconsistencies across various planning levels.
- Download a list of planning objects for use in other processes.
- Identify obsolete planning objects that have no values for certain key figures in the last 2 years.
- See which planning objects were created in the last 2 weeks to analyze an unexpected growth in the number of planning objects.
- Check which planning objects exist on a specific planning level before starting a modeling change.

Use Case 2: *Delete* Planning Objects

Benefit

- Prevent 'accidental' usage
- Clean up system

Customer Feedback:

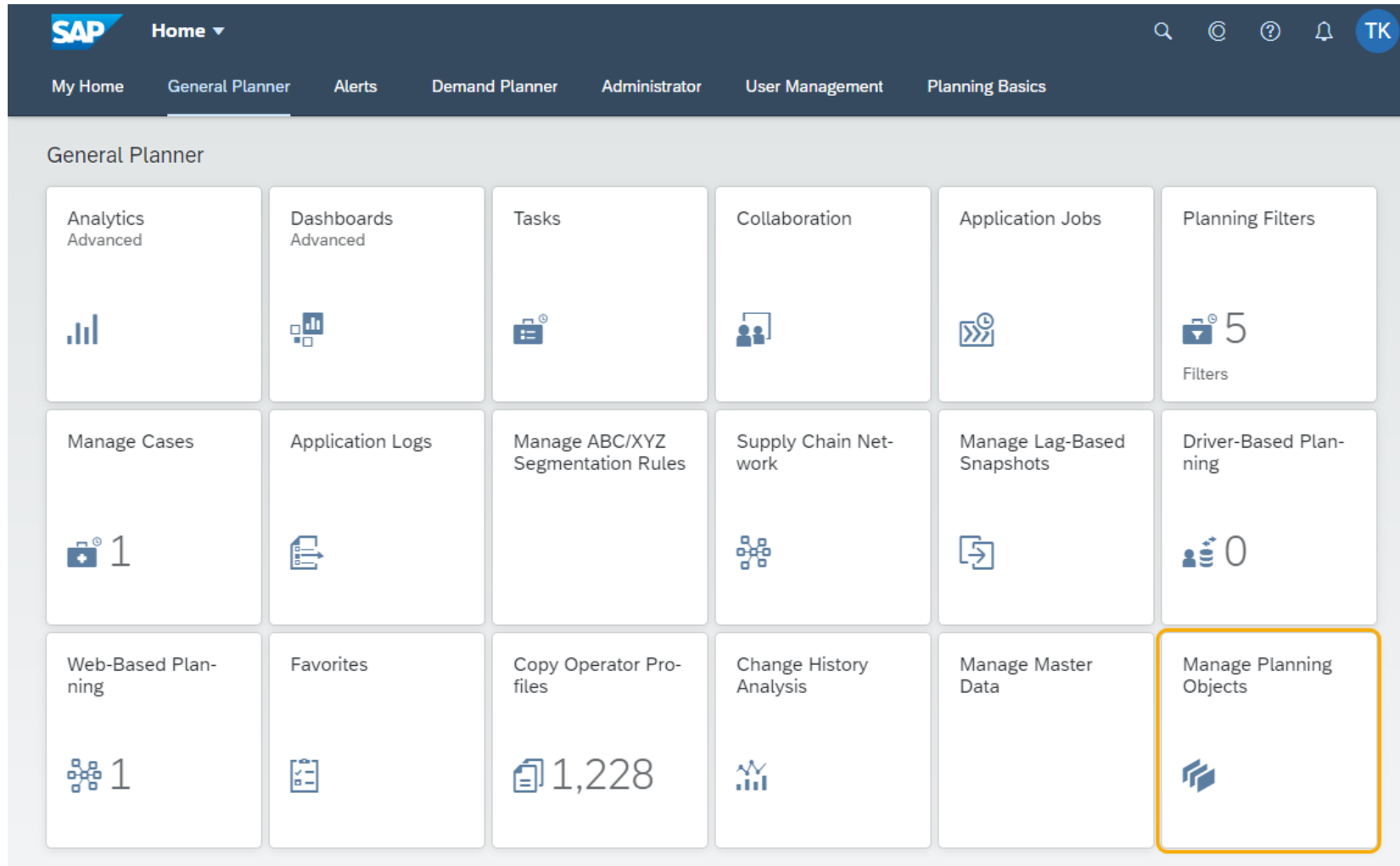
- *'We have much more serious problems with the deletion of planning objects than with their creation'*
- *'We are afraid to delete planning objects'*

Process:

- Select obsolete planning objects, for example, not having values for a list of key figures for a certain time range
- Review the list of planning objects
- Delete selected planning objects including dependent key figure values
- In future (> SAP IBP 2111):
Mark planning objects for deletion in the *Manage Planning Objects* app and delete them via a purge job.

Manage Planning Objects App

Start from Fiori Launchpad



To access the app, your users needs to have business catalog *Manage Planning Objects* (SAP_IBP_BC_MPO_PC) assigned.

Display Planning Objects – Planning Level Overview

SAP

Manage Planning Objects

Standard

Planning Area: *
UPAPERF

Version: *
Baseline Version

Planning Levels:
CALWKPROD... 21 More

Attributes:
CUSTID 15 More

Key Figures:
ACTUALS... 120 More

Created / Changed on:
12/22/19-12/29/19

Adapt Filters (1)



Go





Planning Objects (65.684) on Planning Levels (22)

Create Display

	Planning Objects	Planning Level ID	Planning Level Description	Root Attributes	Key Figures	
<input type="checkbox"/>	61.343	CALWKPRODLOC	Cal.Weekly Product Location	WEEK PRDID LOCID	DEPENDENTDEMAND SHORTAGE 2 More	>
<input type="checkbox"/>	4.841	CALWKPRODLOCCUST	Cal.Weekly Product Location Custo...	WEEK PRDID LOCID CUSTID	DELIVQTY DEMANDPLANNINGQTY	>
<input type="checkbox"/>	8.021	DAYDELIVERY	Daily Delivery	DAY CUSTID DELIVERY 3 More	DELIVQTY	>
<input type="checkbox"/>	8.817	DAYPRODLOC	Daily Product Location	DAY PRDID LOCID	HINVTARGETOVERAGECOUNT HKFPERDAY 25 More	>
<input type="checkbox"/>	3.566	DAYSALORDER	Daily Sales Order	DAY CUSTID LOCID	HCONVCONFQTY HCONVFUTUREORDEREDQTY 4 More	>
<input type="checkbox"/>	32.981	PRODCUSTLOC	Product Customer Location	PRDID CUSTID LOCID	FORECASTMAPE FORECASTMASE STDDEVDELIVQTY	>
<input type="checkbox"/>	15.576	PRODLOCCUSTGROUPLAG	Product Location Customer Group ...	PRDID LOCID 2 More	IOAVGDMINTVL IOCV IOFCSTBIASCALCULATED	>
<input type="checkbox"/>	1.942	WKPRODCURR	Weekly Product Currency	WEEK PRDID CURRID	COSTPERUNIT	>
<input type="checkbox"/>	13.340	WKPRODCUST	Weekly Product Customer	WEEK PRDID CUSTID	ACTUALSQTY12MOFFSET 14 More	>
<input type="checkbox"/>	38.527	WKPRODCUSTCURR	Weekly Product Customer Currency	WEEK PRDID CUSTID CURRID	HGROSSCOSTS HMARKETINGFORECASTCOSTS 9 More	>
<input type="checkbox"/>	22.231	WKPRODCUSTCURRCURRTO	Weekly Product Customer Currenc...	WEEK PRDID CUSTID 2 More	HMARKETINGFORECASTPRICE GROSSPROFIT 6 More	>
<input type="checkbox"/>	6.814	WKPRODCUSTCURRCURRTOU...	Week Product Customer CurrFr C...	WEEK PRDID CUSTID 3 More	HMARKETINGFORECASTQTY HOPPORTUNITIESQTY	>
<input type="checkbox"/>	11.042	WKPRODCUSTUOMTO	Weekly Product Customer UoMTo	WEEK PRDID CUSTID 1 More	ACTUALSQTY12MOFFSET 3 More	>
<input type="checkbox"/>	4.211	WKPRODLOC	Weekly Product Location	WEEK PRDID LOCID	HACTUALTOTALRECEIPT HKFPER 76 More	>

Display Planning Objects – Planning Level Details



Manage Planning Objects

Planning Area UPAPERF /

Manage Master Data

Planning Level PRODCUSTLOC

Attribute Values:



Existence of Key Figure Values:

Created on:

Not existing in Master Data Type

Adapt Filters (1)

Planning Objects on PRODCUSTLOC (32.981)

<input type="checkbox"/>	Product ID	Customer ID	Customer Group	Location ID	Existence of Key Figure Values	Created on
<input type="checkbox"/>	4711	Customer 1	Customer Group 1	DC01	01/01/2019 to 01/01/2021	10/10/2019
<input type="checkbox"/>	4711	Customer 1	Customer Group 1	DC02	10/05/2016 to 12/31/2019	06/22/2020
<input type="checkbox"/>	4711	Customer 1	Customer Group 1	DC03	04/29/2019 to 10/10/2019	03/18/2018
<input type="checkbox"/>	4711	Customer 2	Customer Group 2	DC01	01/01/2017 to 12/31/2020	09/05/2020
<input type="checkbox"/>	4711	Customer 6	Customer Group 6	DC01	05/01/2019 to 06/10/2019	01/20/2021
<input type="checkbox"/>	4712	Customer 5	Customer Group 5	DC01	01/02/2016 to 03/14/2018	08/10/2020
<input type="checkbox"/>	4712	Customer 5	Customer Group 5	DC02	05/01/2019 to 06/10/2019	05/23/2020
<input type="checkbox"/>	4712	Customer 5	Customer Group 5	DC03	01/01/2017 to 12/31/2020	03/18/2018
<input type="checkbox"/>	4712	Customer 5	Customer Group 5	DC04	12/31/2018 to 12/31/2019	10/10/2019
<input type="checkbox"/>	4713	Customer 10	Customer Group 10	DC010	04/29/2019 to 10/10/2019	05/23/2020
<input type="checkbox"/>	4714	Customer 3	Customer Group 3	DC02	01/01/2017 to 12/31/2020	09/05/2020
<input type="checkbox"/>	4714	Customer 24	Customer Group 24	DC02	01/02/2016 to 03/14/2018	01/20/2021
<input type="checkbox"/>	4715	Customer 2	Customer Group 2	DC04	12/31/2018 to 12/31/2019	09/05/2020
<input type="checkbox"/>	4715	Customer 2	Customer Group 2	DC05	01/01/2019 to 01/01/2021	03/18/2018
<input type="checkbox"/>	4715	Customer 2	Customer Group 2	DC06	10/05/2016 to 12/31/2019	10/10/2019
<input type="checkbox"/>	4715	Customer 18	Customer Group 18	DC04	01/01/2017 to 12/31/2020	01/20/2021
<input type="checkbox"/>	4715	Customer 18	Customer Group 18	DC05	04/29/2019 to 10/10/2019	05/23/2020
<input type="checkbox"/>	4715	Customer 24	Customer Group 24	DC02	12/31/2018 to 12/31/2019	03/18/2018
<input type="checkbox"/>	4715	Customer 25	Customer Group 25	DC02	01/02/2016 to 03/14/2018	10/10/2019
<input type="checkbox"/>	4716	Customer 18	Customer Group 18	DC10	05/01/2019 to 06/10/2019	10/10/2019
<input type="checkbox"/>	4716	Customer 19	Customer Group 19	DC09	12/31/2018 to 12/31/2019	01/20/2021

Delete Planning Objects

Manage Planning Objects

Planning Area UPAPERF /

Manage Master Data

Planning Level PRODCUSTLOC

Search

Attribute Values:
PRDID = 4711...4718

Existence of Key Figure Values:
CONSENSUSDEMANDQT...

Created on:
12/22/19-12/29/19

Not existing in Master Data Type

Adapt Filters (1)
Go

Planning Objects on PRODCUSTLOC (32.981)

Create
Delete

<input type="checkbox"/>	Product ID	Customer ID	Customer Group	Location ID	Existence of Key Figure Values	Created on
<input checked="" type="checkbox"/>	4711	Customer 1	Customer Group 1	DC01	01/01/2019 to 01/01/2021	10/10/2019
<input checked="" type="checkbox"/>	4711	Customer 1	Customer Group 1	DC02	10/05/2016 to 12/31/2019	06/22/2020
<input type="checkbox"/>	4711	Customer 1	Customer Group 1		04/29/2019 to 10/10/2019	03/18/2018
<input type="checkbox"/>	4711	Customer 2	Customer Group 2		01/01/2017 to 12/31/2020	09/05/2020
<input type="checkbox"/>	4711	Customer 6	Customer Group 6		05/01/2019 to 06/10/2019	01/20/2021
<input type="checkbox"/>	4712	Customer 5	Customer Group 5		01/02/2016 to 03/14/2018	08/10/2020
<input type="checkbox"/>	4712	Customer 5	Customer Group 5		05/01/2019 to 06/10/2019	05/23/2020
<input type="checkbox"/>	4712	Customer 5	Customer Group 5		01/01/2017 to 12/31/2020	03/18/2018
<input type="checkbox"/>	4712	Customer 5	Customer Group 5		12/31/2018 to 12/31/2019	10/10/2019
<input type="checkbox"/>	4713	Customer 10	Customer Group 10	DC010	04/29/2019 to 10/10/2019	05/23/2020
<input type="checkbox"/>	4714	Customer 3	Customer Group 3	DC02	01/01/2017 to 12/31/2020	09/05/2020
<input type="checkbox"/>	4714	Customer 24	Customer Group 24	DC02	01/02/2016 to 03/14/2018	01/20/2021
<input type="checkbox"/>	4715	Customer 2	Customer Group 2	DC04	12/31/2018 to 12/31/2019	09/05/2020
<input type="checkbox"/>	4715	Customer 2	Customer Group 2	DC05	01/01/2019 to 01/01/2021	03/18/2018
<input type="checkbox"/>	4715	Customer 2	Customer Group 2	DC06	10/05/2016 to 12/31/2019	10/10/2019
<input type="checkbox"/>	4715	Customer 18	Customer Group 18	DC04	01/01/2017 to 12/31/2020	01/20/2021
<input type="checkbox"/>	4715	Customer 18	Customer Group 18	DC05	04/29/2019 to 10/10/2019	05/23/2020

Delete

Delete the 2 selected items?

Delete
Cancel

Controlling Visibility and Editability of Planning Objects

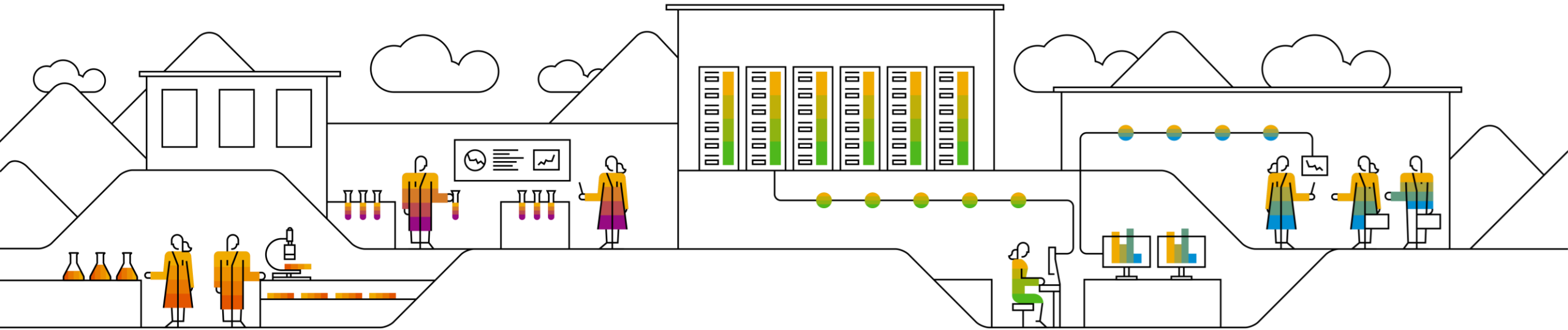
You can control on different levels if / how planning objects can be displayed and deleted by a user.

Object	Impact	Example
Business Catalog ' <i>Manage Planning Objects</i> ' (SAP_IBP_BC_MPO_PC)	Controls visibility of app	A user shall not be able to access the app.
Restriction Type ' <i>Planning Objects</i> ' (MDPLOB_PLAREA_VRSIO_MD_EDIT_SC)	<ul style="list-style-type: none"> Controls if planning objects can be displayed and/or edited. It can be restricted by planning area, planning level and version. 	<ul style="list-style-type: none"> A user shall be able to display planning objects but not to create and delete them. A user shall be able to display certain planning levels and planning versions of a planning area.
Restriction ' <i>Planning Object Operation Type</i> ' (MPOTYP)	Controls if planning objects can be created* and/or deleted.	A user shall be able to create* planning objects but not to delete planning objects.
Attribute Permissions	Control which attributes you can see.	A user shall not see certain attributes.
Permission Filters	Control which attribute values you can see.	A user shall see only a subset of planning objects, e.g. for a certain brand or region.

* In SAP IBP 2108 you cannot yet create planning objects in the *Manage Planning Objects* app.

New Simulation Engine

Rainer Moritz



Overview

The **SAP HANA Planning Engine** is currently used in SAP IBP to simulate and disaggregate values of time series key figures. It is a generic engine, that is not optimized for IBP use cases and does not meet certain IBP requirements such as 'Undo of simulation steps' or rounding.

To account for the increased importance of IBP, SAP has decided to develop a **new Simulation Engine for IBP** based on the SAP HANA Planning Engine.

With SAP IBP 2108 this new Simulation Engine will be available. It offers all capabilities of the SAP HANA Planning Engine and allows IBP-specific functional enhancements and performance optimizations.

Adoption of the Simulation Engine

2108 (and 2111*)

- New IBP customers will by default use the Simulation Engine.
- For existing IBP customers, a controlled rollout approach is used:
 - The “old” SAP HANA Planning Engine will stay the default engine.
 - **Prerequisite for using the Simulation Engine is that your system is normalized.**
 - In **non-productive** systems you can active the Simulation Engine for specific users by assigning them to a dedicated **user group** defined in configuration.
 - If you want to use the engine in your **productive** system, please request its activation **via incident** (component SCM-IBP-BF-DIS).

2202*

- The Simulation Engine is used as default by all customers.

*Planned

Benefits of Using the Simulation Engine

2108:

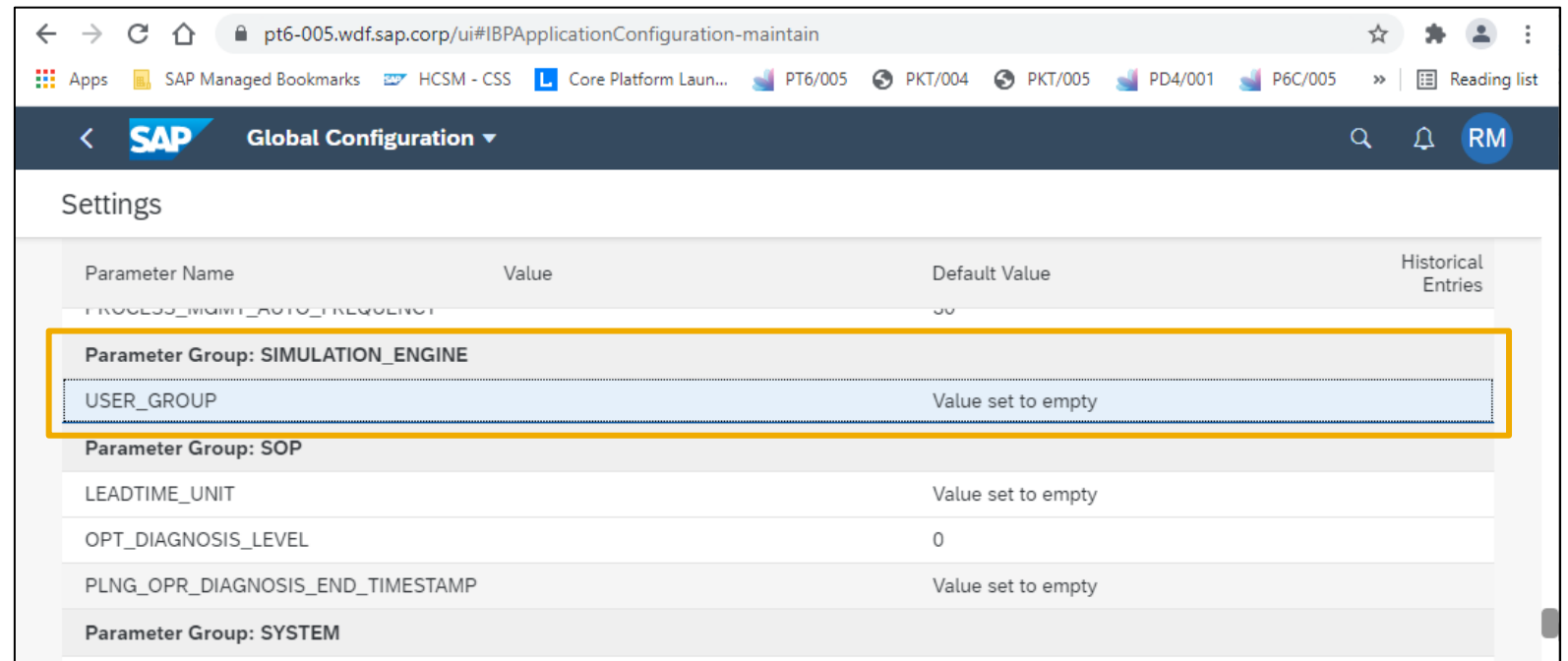
- Improved performance and lower memory consumption.
According to internal tests, the backend run time of interactive disaggregation improved on average by ~10%. This heavily depends on the key figure configuration.

Key Takeaways

- **Consider an early adoption** of the new Simulation Engine in SAP IBP 2108 or SAP IBP 2111 and benefit from its improved performance.
- **Prerequisite** for using the Simulation Engine is that your **system is normalized**.
- It's **simple and low risk** to test the Simulation Engine: Just activate it for selected users in your test system.
- If you want to use the engine in your productive system, please request its activation via incident (component SCM-IBP-BF-DIS).

Activation for specific users by assigning them to a dedicated user group:

Global Configuration

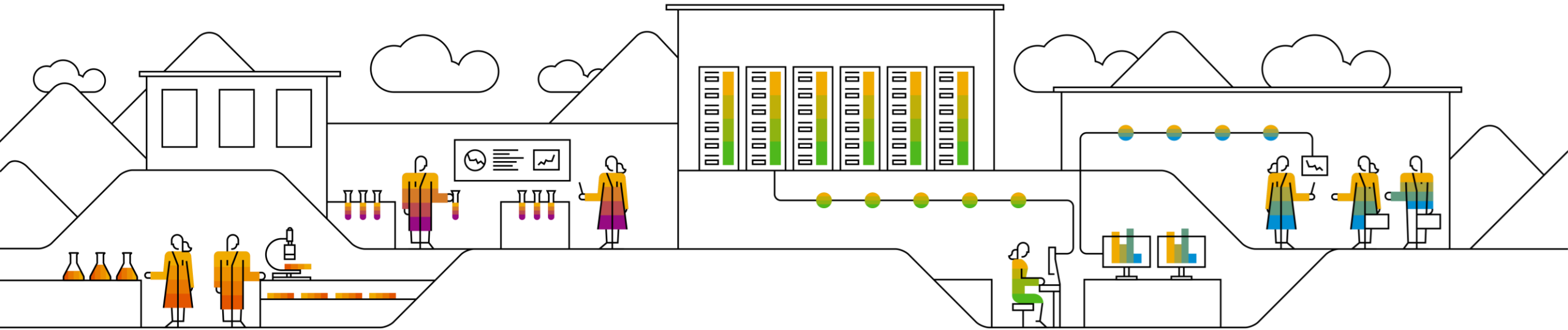


The screenshot shows the SAP Global Configuration interface. The 'Settings' section is active, displaying a table of parameters. A yellow box highlights the 'SIMULATION_ENGINE' parameter group, which contains a 'USER_GROUP' parameter set to 'Value set to empty'. Below this, the 'SOP' and 'SYSTEM' parameter groups are also visible.

Parameter Name	Value	Default Value	Historical Entries
Parameter Group: SIMULATION_ENGINE			
USER_GROUP		Value set to empty	
Parameter Group: SOP			
LEADTIME_UNIT		Value set to empty	
OPT_DIAGNOSIS_LEVEL		0	
PLNG_OPR_DIAGNOSIS_END_TIMESTAMP		Value set to empty	
Parameter Group: SYSTEM			

New Advanced Simulation Operator

Rainer Moritz



Advanced Simulation Operator - Overview

- The Advanced Simulation Operator is used for an interactive simulation of key figure values in time-series-based planning UIs (for example, SAP IBP, add-in for Microsoft Excel).
- It can't be scheduled or run in batch mode.
- The operator copies key figure values from source key figures to target key figures during simulation.
- A typical use case for it is to adjust key figure values used as proportional factors for disaggregation during the simulation.
- You should use this operator only when necessary because it can affect performance during simulation or saving.

Defining an Advanced Simulation Operator

- Up until SAP IBP 2105, Advanced Simulation Operators were configured in the *Planning Operators* app.
- From **SAP IBP 2108** onward, Advanced Simulation Operators are defined in the ***Advanced Simulation Profiles*** app.
- With the upgrade to SAP IBP 2108, all existing Advanced Simulation Operators are migrated to Advanced Simulation Profiles. Existing operators are still visible in the *Planning Operators* app in read-only mode until the upgrade to SAP IBP 2111.

Advanced Simulation Profiles app

Overview

Standard* ▾

Search

Editing Status: All ▾

ID:

Name:

Planning Area: 5 Items

Go Adapt Filters (1)

Advanced Simulation Profiles (7)


Create Delete ▾






<input type="checkbox"/> ID	Name	Description	Planning Area	Changed On	
<input type="checkbox"/> ADJUST_PROP_FACTORS01	ADJUST PROPORTIONAL FACTORS 01		Unified Planning Area, normalized (UPAPERFN)	07/08/2021, 16:28:22	>
<input type="checkbox"/> 10012	VSTEST	VSTEST	WDFSAP6E (WDFSAP6E)	06/25/2021, 15:44:56	>
<input type="checkbox"/> 10014	TK_VERSION_TEST	TK_VERSION_TEST	Unified Planning Area (TKUPAPERF)	06/25/2021, 15:44:56	>
<input type="checkbox"/> 106	DELIVQTYtoADJUSTEDDELIVQTYHELPER	Copies DELIVQTY to ADJUSTEDDELIVQTYHELPER	Unified Planning Area (WDF2DM2105)	06/25/2021, 15:44:47	>
<input type="checkbox"/> 30596	ZLTEST_POST	ZLTEST_POST	Unified Planning Area (WDF2DM2105)	06/25/2021, 15:44:47	>
<input type="checkbox"/> 10012	VSTEST	VSTEST	SAP6 Demand (VSSAP6)	06/25/2021, 15:44:04	>
<input type="checkbox"/> 105	ADJDELIVQTYtoADJDELIVQTYHELPER	Copies ADJDELIVQTY to ADJDELIVQTYHELPER	SAP6 Demand (VSSAP6)	06/25/2021, 15:44:03	>

To access the *Advanced Simulation Profiles* app, business catalog SAP_IBP_BC_ADVSIMPROFILES_PC has to be assigned to your user role.

Advanced Simulation Profile – Example

General Settings



 Advanced Simulation Profile ▾



106

DELIVQTYtoADJUSTEDELIVQTYHELP

EditDelete



General SettingSimulation Key FiguresCopy Key Figures ▾Administrative Information

ID:
106

Planning Area:
Unified Planning Area (WDF2DM2105)

Name:
DELIVQTYtoADJUSTEDELIVQTYHELP

* Use In Simulation:
Yes

Description:
Copies DELIVQTY to ADJUSTEDELIVQTYHELPER

* If you set the field 'Use in Simulation' to 'No', the operator will not be executed during simulation. This can for example be used while preparing a new operator or to analyze the impact of the operator on performance.

Advanced Simulation Profile – Example


Simulation Key Figures

The screenshot displays the SAP Advanced Simulation Profile interface. At the top, there is a dark blue header bar with the SAP logo, the text 'Advanced Simulation Profile' with a dropdown arrow, and icons for search, help, notifications, and user profile. Below the header, the profile ID '106' is shown, followed by the text 'DELIVQTYtoADJUSTEDELIVQTYHELP'. To the right of this text are 'Edit' and 'Delete' buttons, and a share icon. A central dropdown menu is open, showing four options: 'General Setting', 'Simulation Key Figures' (which is highlighted with a blue underline and a small orange asterisk), 'Copy Key Figures' with a dropdown arrow, and 'Administrative Information'. Below the menu, a light gray box contains the text 'Key Figures:' followed by 'Delivered Qty Adj. (ADJUSTEDELIVQTY)'.

- * You can assign one or multiple key figures as *Simulation Key Figures*. If a value for one of these key figures is changed in the planning view, the operator automatically triggers a copy process for the changed period and considers the changed planning object records (periods and attribute combinations).

Advanced Simulation Profile – Example

Copy Key Figures

<  **Advanced Simulation Profile** ▼ 🔍 🔄 ? 🔔 👤

106 Edit Delete 🔗

DELIVQTYtoADJUSTEDEDELIVQTYHELP ▼

General Setting Simulation Key Figures **Copy Key Figures** ▼ Administrative Information

Copy Before Simulation ⚙️ 📄 ▼

Source Key Figure	Target Key Figure	
Delivered Qty	Helper Key Figure for Adjusted Delivered Qty	
DELIVQTY	ADJUSTEDEDELIVQTYHELPER	




Copy After Simulation ⚙️ 📄 ▼






Source Key Figure	Target Key Figure	
No key figures found.		




You can copy values form source key figures to target key figures before and/ or after disaggregation.

Advanced Simulation Profile – Example


Copy Key Figures


  **Advanced Simulation Profile** 


    


106   

DELIVQTYtoADJUSTEDELIVQTYHELP



[General Setting](#) [Simulation Key Figures](#) [Copy Key Figures](#)  [Administrative Information](#)

Created By:


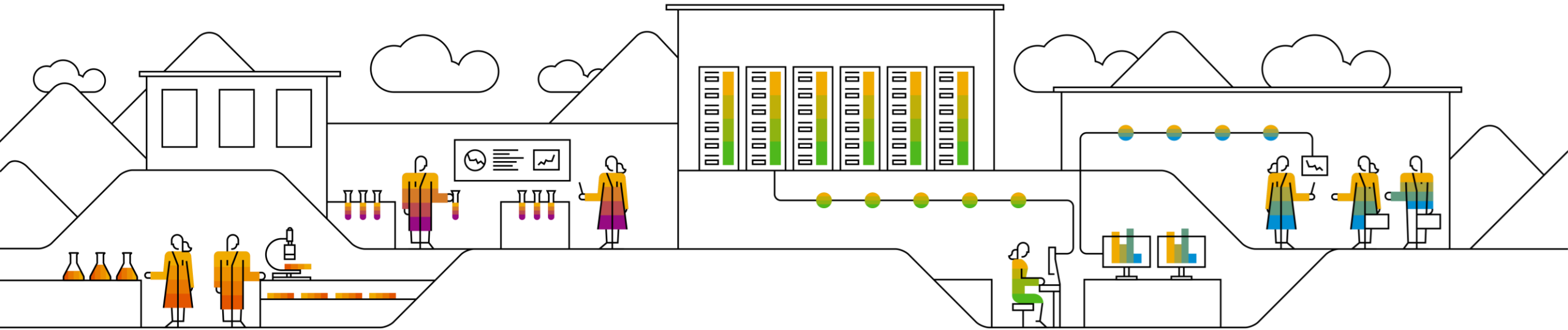
Changed By:


Created On:
06/25/2021, 15:44:47

Changed On:
06/25/2021, 15:44:47

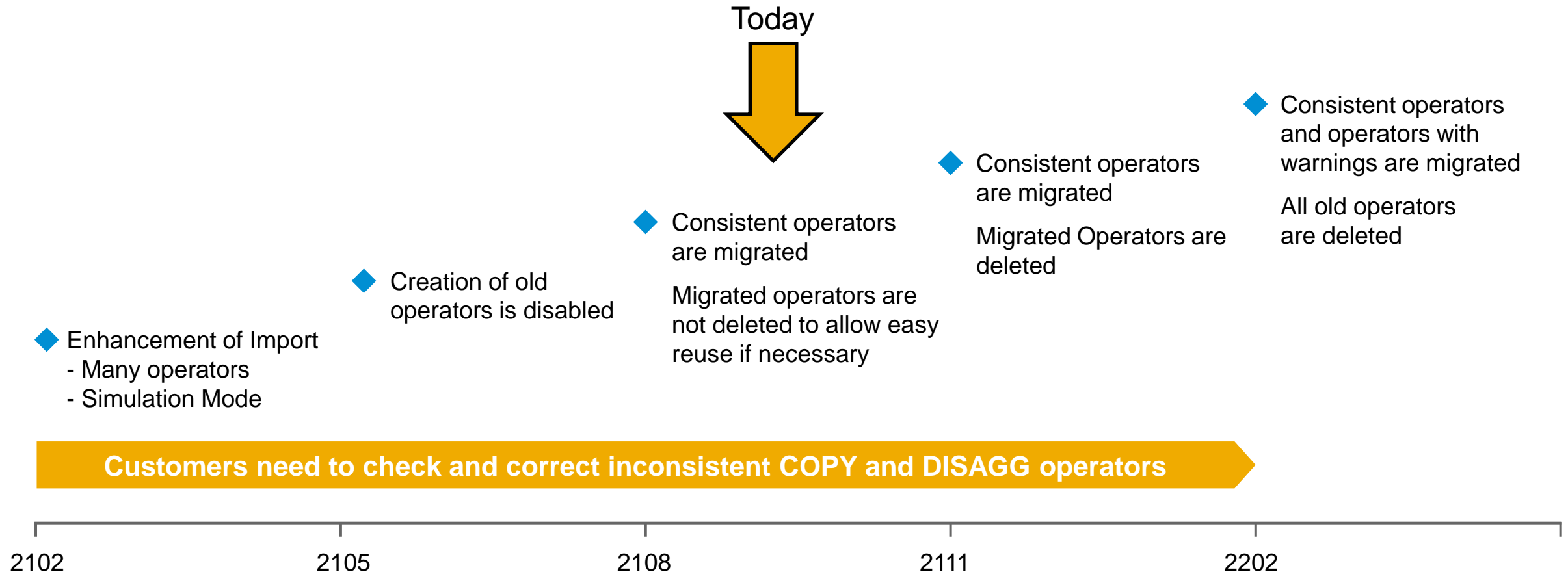
Copy Operator

Rainer Moritz



The Overall Picture

Migration Plan for Existing Customers – Overview



What's new in IBP 2108

(1) Mass Migration of Copy and Disaggregation Operators

- Copy operators and disaggregation operators are migrated to Copy Operator Profiles with the upgrade to IBP 2108.
- Migrated operators are removed from the planning areas but they're still available in the system for your reference.
- For operators that couldn't be migrated due to errors or warnings, the migration will be repeated with the upgrade to IBP 2111. Please make sure to resolve all errors and warnings until then.

(2) Adjustment of Application Job Templates for migrated Copy and Disaggregation Operators

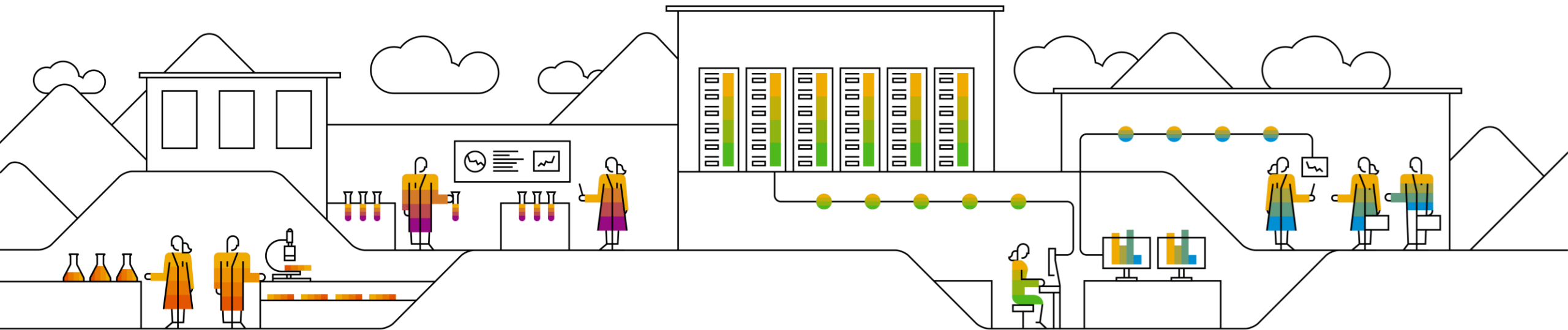
In application job templates referring to migrated copy or disaggregation operators the fields *Operator Type*, *Operator Name* and *Operator ID* are automatically replaced by the corresponding information of the associated copy operator profile during the upgrade to IBP 2108. Scheduled jobs are not adjusted and continue to work as before.

(3) Analyze the performance of Copy Operators (Advanced)

- The log of every copy operator run now includes an additional message for each processed key figure group with an attachment containing key performance indicators like processing duration, maximum memory consumption, and the CPU processing time for every processed package.
- These numbers allow you to assess the resource consumption of the run and its potential impact on concurrent activities in the system. In addition, you can use it to optimize the number of processing packages of your profile and to decide whether you want to use parallel processing.

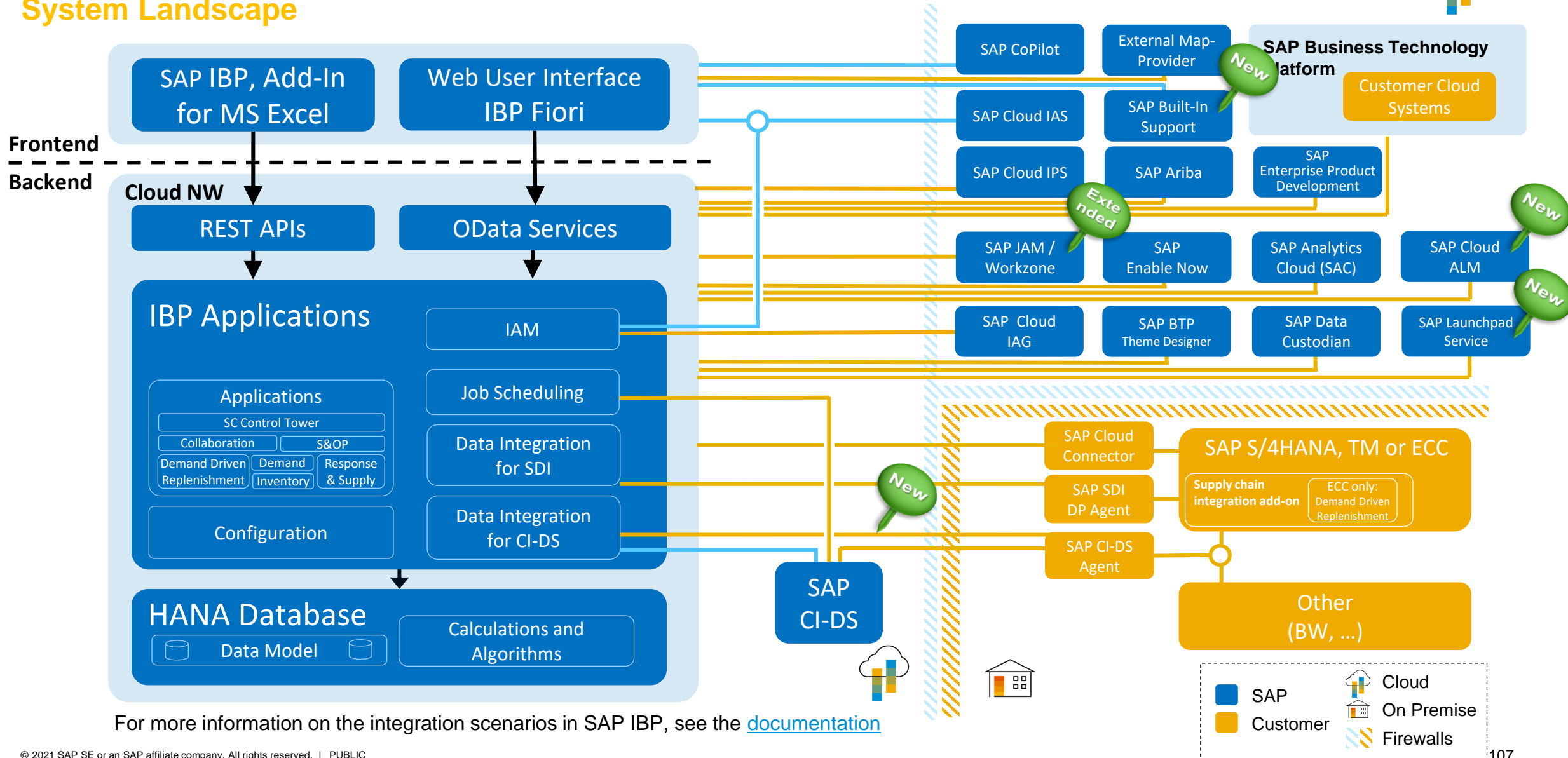
IBP Integration

Reinhard Sudmeier



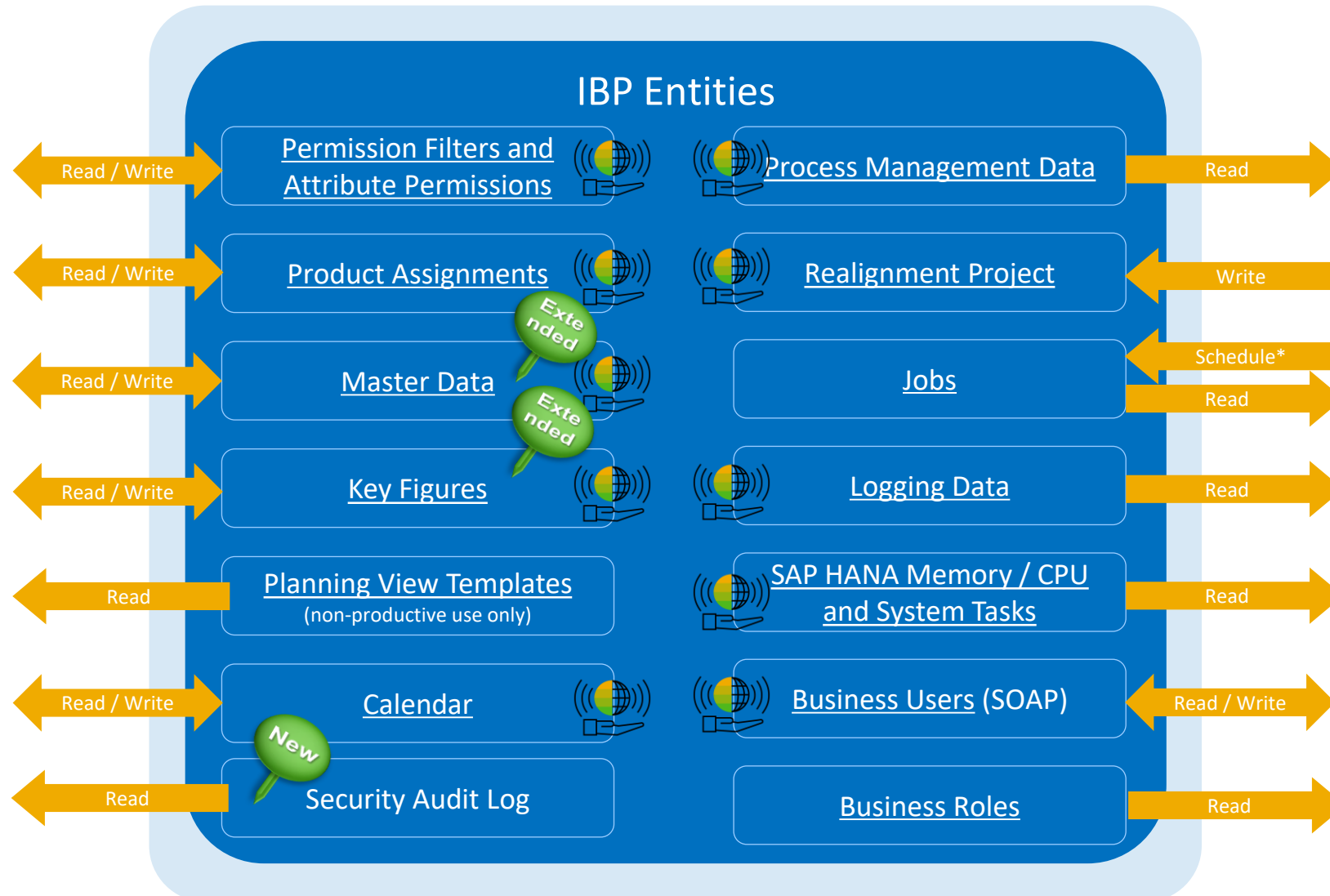
SAP IBP Architecture Overview


System Landscape



SAP IBP Architecture Overview

OData/SOAP-Service offering



 Press on the icons to get to the SAP API Business Hub

*Scheduling Jobs can be done via [OData](#) or from CI-DS via [SOAP](#)

Odata APIs: Key Figure Delta Load

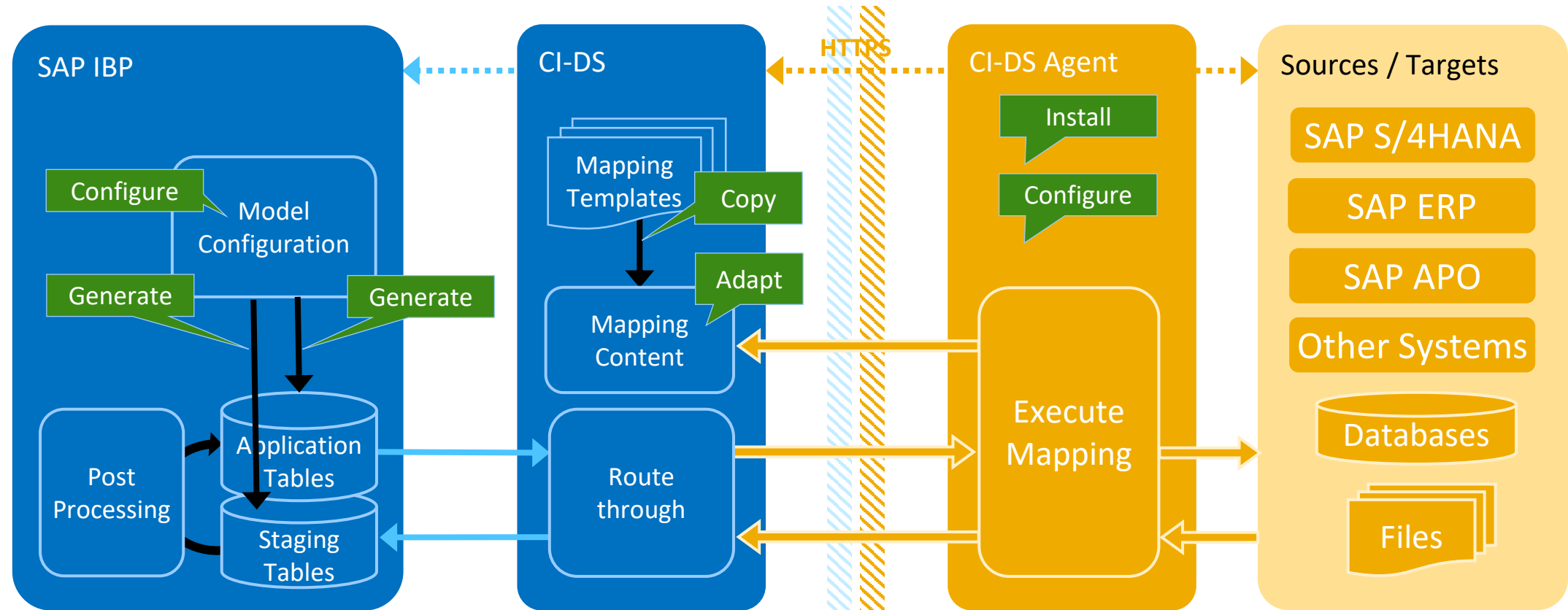
- Enhancement to the existing Odata API /IBP/PLANNING_DATA_API_SRV (asynchronous feature)
- How it works – first time „initial load” executed to get the full key figure dataset, thereafter delta loads regularly called to get the changed key figure values since the previous run
- New entity type and function imports introduced for delta handling
 - KeyFigureDeltaDefinition – node for maintenance of delta query definitions
 - executeKeyFigureDeltaLoad – starting a new initial or delta load run
 - getStatusKeyFigureDeltaLoad – checking the status of the initial/delta load
 - confirmKeyFigureDeltaLoad – successful close of data extraction
 - cancelKeyFigureDeltaLoad – cancelling the current transaction
 - resetKeyFigureDeltaLoad – request the full key figure dataset after delta runs

Odata APIs: Master Data Maintenance

- New dedicated Odata API /IBP/MASTER_DATA_API_SRV
- Master data extraction and import are supported on baseline version
- Related master data types shall be specified in a global configuration parameter
- Master data import is performed asynchronously for a specific master data type

Time Series Based Integration

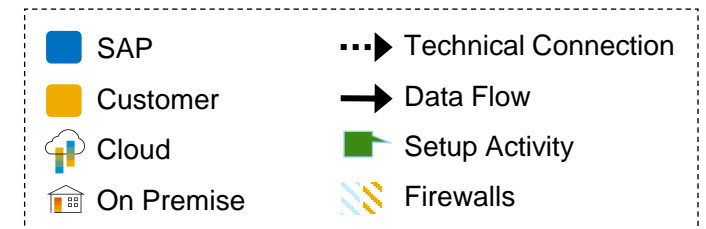
Setup and Data Flow (system provisioned before 2108)



CI-DS:

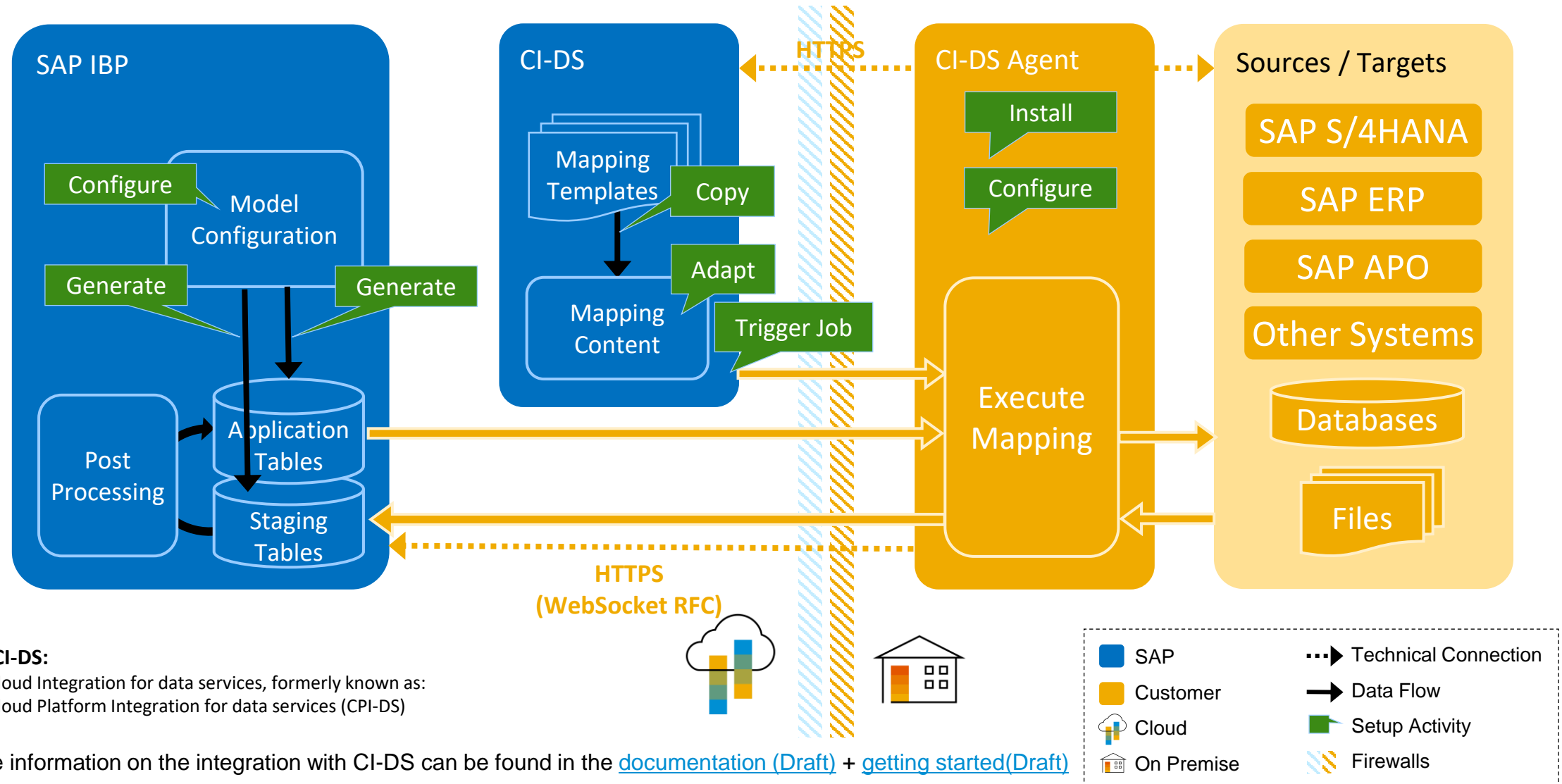
SAP Cloud Integration for data services, formerly known as:
SAP Cloud Platform Integration for data services (CPI-DS)

More information on the integration with CI-DS can be found in the [documentation](#)



Time Series Based Integration

Setup and Data Flow WebSocket RFC (2108: for new customers)



Differences between Customer-owned and SAP-owned CI-DS Integration

- For the customer-owned integration from IBP to SAP Cloud Integration for data services the customer needs to create a communication arrangement based on scenario SAP_COM_0593
- Performance is about the same
- Advantages while reading from IBP
 - No connection timeout for selection of expensive calculation view reads
 - IBP is less occupied for long-running queries with big data volumes
 - Filter pushdown to IBP is improved, e.g.
 - $\text{KEYFIGURE1} < 0$ or $\text{KEYFIGURE1} > 0$ or $\text{KEYFIGURE2} < 0$ or $\text{KEYFIGURE2} > 0$
 - $(\text{PRDID} = \text{'Product1'} \text{ and } \text{LOCID} = \text{'LocationA'})$ or $(\text{PRDID} = \text{'Product2'} \text{ and } \text{LOCID} = \text{'LocationB'})$
- New features will mostly be developed for customer-owned integration

Today's Presenters from Product Management:

- a.weber@sap.com – Normalization Migration
- kenton.harman@sap.com – Analytics and Dashboards
- evelyna.holban@sap.com – Foundation
- patrick.weber01@sap.com – SAP IBP, add-in for Microsoft Excel
- pramod.mane@sap.com – Planner's Workspaces
- raghav.jandhyala@sap.com – Planner's Workspaces, Work Zone
- gabor.mittweg@sap.com – Configuration
- balazs.buday@sap.com – Configuration
- rainer.moritz@sap.com – Copy Operator
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Thank you.

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