What’s New in SAP Integrated Business Planning
1908 (Planned)

SAP Product & Solution Management
July 18, 2019
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Since Q4/2018, the what’s new webinar as well as the application help are planned to be available before the actual release data.

Release of SAP Integrated Business Planning 1908 currently planned for **August 7, 2019**.

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.”
Agenda

• Solution Updates - SAP Integrated Business Planning 1905 (Planned)
• SAP Best Practices for SAP IBP – 1905 Update (Planned)
• Documentation Updates
• Customer Availability Center & Customer Influence Center
• Information on Upgrades
• Q&A*

* Q&A chat is open for questions throughout the session with experts online to answer

This is the current state of planning and may be changed by SAP at any time.
Plan and respond with SAP Integrated Business Planning


- Driver-based Planning (Risks and Assumptions)
- Financial
- Business Network Collaboration with SAP Ariba
- Alerts and Exception Management
- Vendor managed Inventory (VMI)*
- Pre-packaged KPI
- Supplier Collaboration*
- Network Visualisation
- Network Visualisation
- Pre-packaged KPI
- Multi-stage Inventory Optimization
- Root cause analysis
- Multi-stage Inventory Optimization
- Root cause analysis

Supply Chain Control Tower

Sales & Operations  Inventory  Response & Supply

- Statistical Forecasting
- Product Lifecycle Planning
- Demand Sensing
- Demand Sensing
- Segmentation
- Forecast Error Calculation
- Finite Supply Planning
- Deployment
- Response Planning
- Deployment
- Response Planning

Demand

Integration | Extensibility | Cloud | Machine Learning
19 industries | 500+ customer | 60+ partners | 10 data center | Gartner MQ - Leader

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* Roadmap Topic (Planned)
Analytics and Exception Management
Kenton Harman
Chart reference lines

- You can define reference lines on charts that have at least one axis
- A reference line can be either static or dynamic
Chart reference lines

A dynamic reference line can be an average, minimum or maximum of a key figure.

The line can be shown as dashed or solid line.

A static reference line shows a fixed line on the graph.

A reference line can be labeled with a colored font and background.
Web-based Planning & Business Partner Collaboration

Pramod Mane
### Basic Simulations

- You can now simulate the effects of your data changes on dependent key figures on-the-fly.
- Note that only basic simulations for dependent key figures are supported. Simulations using planning operators are not possible.

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#### Consensus Planning View

| Description: Consensus Planning View | Versions/Scenarios: Base Version | Target UoM: EA | Shared with: 4 User Groups | Target Currency: USD |

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User-Defined Scenarios

- If you have simulated any changes, and you want to save these changes separately so as not to impact the operational data, you can save them as a scenario.

- The **Web-Based Planning** app provides all the functionalities to manage your scenarios and those shared with you. This includes scenarios that were created in the IBP Excel add-in.
Display Settings for User-Defined Scenarios

- Select the user-defined scenarios in edit planning view settings.
Manage User-Defined Scenarios

- Select the user-defined scenarios in edit planning view settings.

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New Functionalities for the Web-Based Planning Grid

- **Display of fixed values**: A visual help now indicates which values in the planning view are fixed. A fixed value is now indicated by a filled padlock sign. A partially-fixed value is indicated by a padlock sign that is filled diagonally.

- **Freezing of columns**: To keep the most important attributes visible while you scroll horizontally through your planning view, you can now freeze multiple columns in the planning view.

- **Column filtering**: To focus on specific data in the planning view, you can now temporarily hide information that you’re not interested in by filtering in the columns directly.
New Functionalities for the Web-Based Planning Grid

- **Full screen mode:** You can now use the whole space of your browser window for the planning view by opening the planning view in full screen mode. This way you can see more data at a glance.

- **Display of last refresh:** A new icon above the planning view shows you when you last refreshed the data.

### Table: New Functionalities for the Web-Based Planning Grid

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Collaboration with Business Partners

• You can now collaborate with your business partners directly in IBP using the Web-Based Planning app by giving access to your business partners access to your IBP system and the Web-Based Planning app.

• You can create and share a planning view with your business partners that contains the key figures that are relevant for your collaboration. Business partners can then view the data in the planning view and enter their input into the key figures for which they have editing permission.
Collaboration with Business Partners

**Set-Up:**
The following concepts from identity and access management, data filters, and SAP Fiori apps are used:

1. **Employee, business user, and business user role**
   - To give your business partner access to your IBP system, you create an employee and a business user, just as you would for one of your internal business users.
   - The following new business role templates are delivered:
     - SAP_BR_SUPPLY_PLNR_BUPA_IBP business role template for customer business partner.
     - SAP_BR_DEMAND_PLNR_BUPA_IBP business role template for supplier business partner
     - This business role template contains only the business catalog for the Web-Based Planning app. This way, your business partner can log on to your IBP system and work with planning views in the Web-Based Planning app.

2. **Permission filters**
   - To make sure that your business partner can see the data set that is relevant for the collaboration, you need to create a permission filter for your business partner that contains exactly this data.

3. **Web-Based Planning app**
   - You can use this app to create a planning view and share it with your business partner. When your business partner logs on to your system, he or she can open that planning view and provide input directly in your IBP system.
IBP Excel Add-In 1908.2.0
Anna Linden
Strong and Light Match

Depending on what the user has already selected in the Time, Attribute or Key Figure tab, the Strong and Light Match groups are automatically changed accordingly.

Example:

The user selected Time Buckets Months and the attributes Product Group, Customer ID and Promotion ID. When the user goes to the key figures tab, the list shows key figures (where the base planning level is a complete match to the attributes and time dimension selected) at the top of the list. Those that show a partial or no match at all are displayed at the end of the list.

In this case, as the Promotion ID is not part of too many base planning levels, data for it could only be visualized for 3 key figures.
Tooltip for key figures

In order to provide more information on how a key figure is defined in the IBP backend, we have introduced the tooltip which shows all information how the key figure is defined.

Tooltips are shown when users hover over key figures and show information on how the key figure is defined.

This can for example, help users understand if fixing or planning notes are allowed and in which horizon the key figure is editable.
The standard IBP functions such as Add, Update, Edit, Delete, Share, and Organize have been shifted to the top of the drop down lists for:
- Favorites
- Templates
- Planning Filter

This change helps users with a lot of items (e.g. a lot of saved filters) in these list and who had to scroll down to the end of the list in the past to for example, remove or add an item.
Ribbon Redesign – Reorganization of some groups and buttons

By reorganizing some groups and buttons in the ribbon, we aim to save space and make the grouping more consistent.

Old Ribbon:

New Ribbon with “Web Client” Group moved to the “About” area
Multi-Selection in Drill-Down

When using the Drill Down capabilities on a key figure values in planning view, you will now be able to select multiple attributes at once that are added to your planning view in the order in which you selected them.

Initial View:

Drill Down:

Select Attributes:

Drill Down View:
When using the Quick Edit Planning View capabilities on an attribute in a planning view, you will now be able to select multiple attributes at once that are added to your planning view in the order in which you selected them.
Within the value-based filter, there is an option to choose “All Selected Key Figures”. If chosen, the operator will automatically be switched to “Not Empty or Zero” and “In At Least one Period” for the time dimension.

This setting can be used to remove any planning combinations where all key figures are empty or zero:
File Path for Workbook in Admin Settings

Performance implications

When a user opens a planning view from a favorite or template, the following steps are performed by the system:

1) Download the Excel Workbook from the IBP Server
2) Save the Workbook in a folder defined in the user settings
3) Open the workbook from that folder
4) Download, render and format the data …

Depending on the size of the workbook, there can be a significant performance impact, if the default folder is on a cloud or a shared drive and not on the local users’ PC. With the admin settings for the workbook file path, you can centrally set this location for all users.
You can either directly enter a file path or use the browser to choose an existing folder or create a new one.

You can also use relative paths, environment variables and “special folders”. Users can also use these tools to create their individual file paths for workbooks.
“Empty” Save after Simulation

When using the Simulation options in the IBP Excel Add-In, you will see a slightly different behavior starting with the IBP 1908.2.0 add-in, that improves the performance for the users when saving data after a simulation run.

Process:

If the user is not changing any more data after the simulation because the results are satisfying, and clicks on save to saves the results, the system re-uses the simulated values that are already populated on the UI and triggers a save on database level. The planning view isn't refreshed, resulting in lower waiting time for the end user.
IBP Installer using NGen

With the IBP 1908.2.0 add-in version, we have adapted the NGen (Native Image Generator) from the .NET Framework.

It can optimize the logon time to the IBP backend for the users.

Please Note: During installation of the add-in, you will see a new window coming up with some “Failed to load…” messages. Don’t worry, this is normal, has no implications, and closes after some seconds. The installation will continue as usual afterwards.
Process Automation and Management by Exception

Assign Custom Alert Subscriptions to Process Step enabling process to run automated and intervene on exceptions in planning results.

e.g. Demand Planning should not start if the Actuals Qty has Null value Alerts
Supply Planning should start only if Demand Plan Accuracy > 85%
Supply Planning process should not finish if there are Capacity Overload Alerts
Process Automation and Management by Exception

**Process Templates**

Assign one or more Custom Alert Subscriptions to the Start or End of a Process Step

Custom Alert Subscriptions assigned to process steps can be configured for visibility of alerts and/or to control process automations

**Manage Automation Criteria considering Alert Conditions**

![Automation Criteria Diagram]

Define Custom End Condition

- **Step Ends:**
  - On End Date
  - When Tasks Are Completed
  - When Start Application Job is Completed
  - No Custom Alerts at Start of Step

- **And When:**
  - All at least one of the conditions above is satisfied
  - All of the conditions above are satisfied

Apply | Cancel
Process Automation and Management by Exception

- Alerts are triggered when the Process Step is Started / Ended
- Subsequent Step will not start until the Alerts are resolved (depending on automation criteria)

Navigate to Alerts in Monitor Custom Alerts App

Navigate to Custom Alert Definition

Visibility into Alerts
Demo
Driver Based Planning Enhancements

Usability Enhancements:
- Freezing of columns
- Auto-adjust column width
- Column filtering
- Full screen mode
- Display of last refresh

Value Help in Driver Create/Edit—based on attribute checks for MDTs

Removed limitation on aggregate time level for KF disaggregation
Order-based Planning
Claus Bosch, Andrew Boyle
Planning Run Profile

Order-based Optimizer

Time profile levels

Prioritization of adjusted key figures
Planning Run Profile

You can configure re-usable profiles and apply them when executing planning runs. Profiles are defined in Fiori app Planning Run Profiles:

Profiles are applied to a planning run via parameter in job scheduling (also job template: “Order-Based Planning: Constrained Forecast Run Using Optimizer”)

![Planning Run Profile](image-url)
Planning Run Profile – New Attributes in Cost Maintenance

The following additional attributes have been added:

- Maximum Lateness
- Late Demand
- Fulfillment and Non-Fulfillment Cost
- Production Cost
- Transportation and Procurement Cost

CUSTOM_ATTRIBUTE 1-10
DEMAND_TYPE
DOCUMENT_TYPE
ITEMCATEGORY
DELIVERY_PRIORITY
CUSTOMERGROUP
CUSTOMERNUMBER
SOLDTOPARTY
DELIVERYGROUP
SALES_DISTRICT
PRODUCTION_VERSION
MODEOFTRANSPORT
Planning Run Profile – Condition Preview

The condition preview visualizes the defined conditions behind each segment. Thereby you get a quick overview on all conditions defined within segments.

- Condition review visualizes condition details as a string
- Link allows to visualize long/complex conditions via text editor
Planning Run Profile

Order-based Optimizer

Time profile levels

Prioritization of adjusted key figures
Optimizer - Support Activities in Production Data Structure (PDS)

Integrate the activities with their durations and with the component assignments into IBP using the OpenAPI inbound version 1808.0.0_FULL (and higher).

With >= IBP1908: PDS activities are considered in all IBP OBP planning runs that create planned orders
Optimizer – Support Component Lead-Time Offset

When planned orders have long lead times, companies have the need to schedule component requirements different from the planned order start date. Otherwise it can result in components being procured much earlier than they are actually needed in the production process.

PDS activities are used to support component lead-time offset. With >= IBP1908 activities are considered in all IBP OBP planning runs that create planned orders (incl. job template: Constrained Forecast Run Using Optimizer).

Note: IBP OBP does not support the lead-time offset defined for components in the Change Material BOM transaction of SAP ERP or SAP S/4 HANA.
Optimizer - Goods receipt processing time

With IBP1908 the Order-based optimizer will also support the goods receipt processing time.

When creating a planned element, goods receipt processing time is taken into account during scheduling.
Planning Run Profile

Order-based Optimizer

**Time profile levels**

Prioritization of adjusted key figures
Time profile levels – period type

Time profile level mapping will be replaced by period types of the time profile of the planning area
Planning Run Profile

Order-based Optimizer

Time profile levels

Prioritization of adjusted key figures
Prioritization of adjusted key figures

In IBP Order-Based Planning you can influence planning by maintaining adjusted key figures.

Prioritization of adjusted key figures IBP1905:
- Prioritize your manual adjusted key figure values in a way that manual inputs are highest priority and planning runs should prioritize the manual input over all other demands (if feasible). That includes that manual adjusted key figure values might also use up stock for dependent demands of execution elements (e.g. production order/distribution order). Dependent demands of execution elements are higher prioritized than primary demands (e.g. forecast/sales orders).

- Prioritization sequence in the so-called pre-allocation segment:
  - Adjusted key figures with highest priority
  - Dependent demands of fixed elements with second highest priority

Prioritization of adjusted key figures IBP1908 and higher:
- Prioritize dependent demands of fixed elements and deliveries higher than adjusted key figure quantities and try to consume adjusted quantities (if feasible). Manual adjusted key figure values are higher prioritized than primary demands (e.g. forecast/sales orders).

- Prioritization sequence in the so-called pre-allocation segment:
  - Dependent demands of fixed elements, deliveries with highest priority
  - Adjusted key figures with second highest priority
New forecasting method “Seasonal Linear Regression”

Seasonal Linear Regression:

- Calculates the forecast based on a linear function
- Can take into account trend and seasonality pattern it identifies in the historical data
- May yield more robust results than the triple exponential smoothing and automated exponential smoothing algorithms (which can also be used for trend or seasonality)
- Can handle non-monthly data and different seasonal cycle lengths
Time Series Properties can be considered in Forecasting

Pre-requisites:

- Time Series Analysis was executed and grouped the planning objects according to their demand patterns (trend, seasonal, sporadic, …)

- “Choose Best Forecast” is used and “Consider Time Series Properties” is activated

⇒ System uses time series property of each planning object to filter out the algorithms that are not expected to calculate an appropriate forecast

⇒ Reduced processing time and more robust forecasting results
Extended Use of Product Lifecycle Information

- “Consider Product Lifecycle Information” flag moved from “Forecasting Steps” to “General” tab
- You can now set forecast models to consider product lifecycle information even if they only contain preprocessing steps for “Outlier correction” or “Substitute Missing value” (and no stat. forecasting)
Recap: “Settings for Product Lifecycle“ App:

- Admin/Power User App
- Can be used to tailor the “Manage Product Lifecycle” App for the regular planner:
  - Phase-in/out: yes or no
  - Pre-define attribute for “Launch Dimension”
  - ... 

New with IBP 1908:

- Possibility to de-activate usage of phase-in/out curves: Curves area and the other fields related to phase-in and phase-out curves will not be visible in the Manage Product Lifecycle app.

- Option to allow master data values to be used in assignments in the Manage Product Lifecycle app. Planners can create assignments for master data values for which no planning objects exist yet.
Inventory Optimization
Alexis Lozada
Increased navigation of rendered chart via expansion from a Product Node

- Introduce expand button "+" from a Product Node to support users to extend the rendered network chart.
- Users can expand the network chart from the chart without editing filter selections.
- Facilitate navigation through the network to further validate input master data, input and output key figures.
- For component products upstream of the network, the expand button will be placed on the left. For finished goods or other material downstream of the network, the button will be placed on the right.
- When expanding, the chart rendered will center around the expanded network.
Via configuration, help user adoption of inventory plans by introduction of new key figures for propagated demand

- Introduce new propagated demand outputs by transportation sourcing and production sourcing to facilitate validation of inventory targets:
  - Transportation Propagated Demand (TRSPROPAGATEDDEMANDMEAN)
  - BOM Propagated Demand (BOMPROPAGATEDDEMANDMEAN)

- At the product-location level, the sum of Transportation Propagated Demand and BOM Propagated Demand equal to the existing Propagated Demand Mean output.

- Supported Planning Operator: Calculate Inventory Components.

- New key figures are not standard in the SAP3 sample model. A configuration guide is provided for addition of the key figures.
Configuration Guide: Bill of Material Propagated Demand Mean Key Figure

Create Reference Master Data Type PRODUCTTO (Output Product) to PRODUCT Master Data Type

- PRDTO (Product To) as Key and Required
- PRDODESCR, PRDTOFAMILY, PRDTOSERIES and PRDTOSUBFAMILY as non-Key and non-Required

Add created PRODUCTTO Master Data Type to the planning area configuration

Create planning level WKPRODTOLOCPRODSRC (Weekly | Output Product | Location | Product | Source ID)

- Time Profile:
  - Week (technical) as Root
  - Week, Month, Quarter and Year as non-roots
  - Assigned Attributes of Time Profile Level: WEEKWEIGHT
- LOCATION Master Data Type: LOCID as Root and all other applicable non-root attributes
- PRODUCT Master Data Type: PRDID as Root and all other applicable non-root attributes
- PRODUCTTO Master Data Type: PRDTO as Root and all other applicable non-root attributes
- SOURCEPRODUCTION Master Data Type: SOURCEID as Root only.
- LOCATIONPRODUCT Master Data Type: PLUNITID and all other applicable non-root attributes
- PRODUCTIONSOURCEITM Master Data Type: All other applicable non-root attributes

Add BOMPROPAGATEDDEMANDMEAN key figure (BOM Propagated Demand)

- Base Planning Level: WKPRODTOLOCPRODSRC
- Aggregation Mode: SUM
- Disaggregation Mode: Proportional if aggregated value is not zero; otherwise, equal distribution
- Period Weight Factor: WEEKWEIGHT
- Stored checked
- Edit Allowed: System Editable
- BOMPROPAGATEDDEMANDMEAN@REQUEST = SUM("BOMPROPAGATEDDEMANDMEAN@WKPRODTOLOCPRODSRC")
Configuration Guide: Transportation Propagated Demand Mean Key Figure

Create Reference Master Data Type LOCATIONTO (Ship-To Location) to LOCATION Master Data Type
- LOCTO (Ship-To Location ID) as Key and Required
- LOCTODESCR, LOCTOREGION and LOCTOTYPE as non-Key and non-Required

Add created LOCATIONTO Master Data Type to the planning area configuration

Create planning level WKPRODLOCLOCTO (Weekly | Product | Location | Ship-To Location)
- Time Profile:
  - Week (technical) as Root
  - Week, Month, Quarter and Year as non-roots
  - Assigned Attributes of Time Profile Level: WEEKWEIGHT
- LOCATION Master Data Type: LOCID as Root and all other applicable non-root attributes
- PRODUCT Master Data Type: PRDID as Root and all other applicable non-root attributes
- LOCATIONTO Master Data Type: LOCTO as Root and all other applicable non-root attributes
- LOCATIONPRODUCT Master Data Type: PLUNITID and all other applicable non-root attributes

Add TRSPROPAGATEDDEMANDMEAN key figure (Transportation Propagated Demand)
- Base Planning Level: WKPRODLOCLOCTO
- Aggregation Mode: SUM
- Disaggregation Mode: Proportional if aggregated value is not zero; otherwise, equal distribution
- Period Weight Factor: WEEKWEIGHT
- Stored checked
- Edit Allowed: System Editable
- TRSPROPAGATEDDEMANDMEAN@REQUEST = SUM("TRSPROPAGATEDDEMANDMEAN@WKPRODLOCLOCTO")
Configuration Guide: Transportation Propagated Demand Mean Key Figure with Mode of Transport

Create Reference Master Data Type LOCATIONTO (Ship-To Location) to LOCATION Master Data Type
- LOCTO (Location To) as Key and Required
- LOCTODESCR, LOCTOREGION and LOCTOTYPE as non-Key and non-Required

Create simple master data type MODEOFTRANSPORT
- MOTID attribute as root nvarchar
- MOTDESCR as non-root nvarchar (optional).

Add created MODEOFTRANSPORT and LOCATIONTO master data types to the planning area configuration

Edit SOURCELOCATION master data type to include MODEOFTRANSPORT as a compound master data and add MOTID attribute as root.

Create planning level WKPRODLOCLOCTOMOT (Weekly | Product | Location | Ship-To Location | Mode of Transport)
- Time Profile:
  - Week (technical) as Root
  - Week, Month, Quarter and Year as non-roots
  - Assigned Attributes of Time Profile Level: WEEKWEIGHT
- LOCATION Master Data Type: LOCID as Root and all other applicable non-root attributes
- PRODUCT Master Data Type: PRDID as Root and all other applicable non-root attributes
- LOCATIONTO Master Data Type: LOCTO as Root and all other applicable non-root attributes
- MODEOFTRANSPORT: MOTID as Root, MOTDESCR as non-root, and all other applicable non-root attributes
- LOCATIONPRODUCT Master Data Type: PLUNITID and all other applicable non-root attributes

Add TRSPROPAGATEDDEMANDMEAN key figure (Transportation Propagated Demand)
- Base Planning Level: WKPRODLOCLOCTOMOT
- Aggregation Mode: SUM
- Disaggregation Mode: Proportional if aggregated value is not zero; otherwise, equal distribution
- Period Weight Factor: WEEKWEIGHT
- Stored checked
- Edit Allowed: System Editable
- TRSPROPAGATEDDEMANDMEAN@REQUEST = SUM("TRSPROPAGATEDDEMANDMEAN@WKPRODLOCLOCTOMOT")
Visibility to business user logs for cyclical sourcing in transportation and production

- When using Parameter Value ENABLE in Parameter Name LOOP_HANDLING, the inventory algorithm detects transportation and production cyclical sourcing (loops) and logs them as warnings.
- The warning logs are visible in both Excel UI and Web UI.
- The WARNINGs will have detailed information about loop such as:
  - Type of loop: Transportation or Static Supply Ratio.
  - Level of loop: the lanes involved in a loop.
  - Index number for Transportation loop logs: index number associated in a loop.
- Number of warning logs limited to 500 per type of loop.
Demand-Driven MRP (DDMRP)

Atul Bhandari & Poorya Farahani
SAP IBP for demand-driven replenishment
End to End Coverage of the Demand Driven MRP Process

<table>
<thead>
<tr>
<th>Position</th>
<th>Protect</th>
<th>Pull</th>
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<tr>
<td><strong>1</strong> Strategic Decoupling</td>
<td><strong>2</strong> Buffer Profiles and Levels</td>
<td><strong>4</strong> Demand Driven Planning</td>
</tr>
<tr>
<td><strong>3</strong> Dynamic Adjustments</td>
<td><strong>5</strong> Visible and Collaborative Execution</td>
<td></td>
</tr>
</tbody>
</table>

DDMRP is an end-to-end closed loop process covering modelling (step 1-3), planning (step 4) and execution (step 5)

Source: Demand Driven Institute
SAP IBP for Demand-Driven Replenishment

A collection of different features and functions
SAP IBP for demand-driven replenishment

Step 0 – Calculate/update ADU for customer facing warehouses

- In 1908, ADU is calculated for all location-products locally (ADU is no longer propagated)
- Instead, it is calculated via the configuration codes that are added to SAP8
- Since all DDMRP related KFs are calculated on Day-Prod-Loc (without customer group), some architectural changes are applied to SAP8 data model to simplify the data transfer between ECC and IBP and calculation of DDMRP related KFs.
  - For details on SAP8 data model changes (and the consequent update of the copy operator), please review the SAP8 model documentation in help portal

Forecast profile is only used for CoV calculation (not ADU any longer)
Average Daily Usage (ADU)
Calculation Based on Local Historical Demand, Forecasts and Future Dependent Demand

- Total demand qty. (dependent demand + forecast) for future periods from ECC as future demand signal, and total ordered Qty (actuals) as historical demand signal

- Demand Adjustment factors are like before maintained as Key Figures

- ADU is now calculated based on local data without any need for propagation

Location Product MD
ADU Future Horizon
ADU Past Horizon

Key Figure
DDTOTALORDERQTYHISTORY
DDTOTALDEMANDQTYFUTURE

DD Total Average Daily Usage:
Average of DDTOTALORDERQTYHISTORY over ADU Past Horizon and the DDTOTALDEMANDQTYFUTURE over ADU Future Horizon
Calculated Daily and a constant value for all future periods

Key Figure
Demand Adjustment Factor

DD Adjusted Average Daily Usage: DD Total Average Daily Usage * Demand Adjustment Factor
SAP IBP for demand-driven replenishment
Step 0 – Calculate/update ADU for customer facing warehouses

- To calculate the ADU in 1908, based on individual setups of material-locations, two new attributes are introduced on location product MD
- In case one of the horizons is not maintained, the other horizon is applied according to the configuration setup
- In case both horizons are not maintained, the default horizon in the configuration is to use 1 day (current day) for the future horizon → this can be reconfigured in the implementation phase according to customer needs
SAP IBP for demand-driven replenishment

Step 1 (and 2) – Identify strategic decoupling points for inventory positioning

- Recommended Decoupling Points and Calculate DDMRP buffer levels are now branded under Demand-driven Replenishment operator

- To leverage the new operator, upgrade of SAP Excel Add-in to its 1908.0.0 version is mandatory to be able to select sub-network and scenarios
SAP IBP for demand-driven replenishment

Optional step: Analyze the impact of changing some decoupling point decisions

Decoupled Lead Time is presented in days from 1908
SAP IBP for demand-driven replenishment

All excel templates are updated based on the 1908 data model
SAP IBP for demand-driven replenishment
Recent enhancement: Step 4b – Integrate to ECC via IBP Add-on and run the heuristic

- Data flow templates are updated to support the new data model for integration of IBP with ECC via IBP Add-on for ECC integration.
- More specifically a new data flow is added to bring the required dependent demand and forecasts from ECC to IBP for ADU calculation

### DDMRP1908_PF2: DDMRP_1908KF_ECC

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SAP Best Practices for SAP IBP – 1908 Update

Ina Glaes
SAP Integrated Business Planning for demand-driven replenishment
End-to-End Coverage of the Demand-Driven MRP Process

DDMRP is an end-to-end closed loop process covering modelling (steps 1-3), planning (step 4), and execution (step 5)

Source: Demand Driven Institute
SAP Integrated Business Planning for demand-driven replenishment
Related Scope Items

<table>
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<th>Execute</th>
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</tr>
</tbody>
</table>

- Strategic Decoupling
- Buffer Profiles and Levels
- Dynamic Adjustments
- Demand Driven Planning
- Visible and Collaborative Execution

Source: Demand Driven Institute
New scope and changes in V16.1908

- Technical upgrade to SAP Integrated Business Planning 1908
- IBP for demand-driven replenishment comes with three new scope items: strategic buffer positioning, buffer setup and adjustment, and planning. They support an approach known as Demand-Driven MRP* or simply DDMRP*. This approach includes concepts like material flow, decoupling points, and inventory buffers to support a replenishment strategy based on actual demand and not on forecasts.
- The new IBP for response and supply – supply and allocations planning – optimizer scope item ensures that not only supply chain constraints and given capacities are taken into account when creating a feasible supply plan, but also cost rules such as inventory costs, transportation costs, procurement costs, production costs, and demand costs.
- The IBP – time-series-based inbound integration with SAP S/4HANA scope item has been enhanced with the key figures Stock on Hand and Minimum External Receipts.
- A new Tips and Tricks document titled Process Management for Unified Planning Process describes the process orchestration within and between processes carried out, for example in Sales and Operations (S&OP) by a Sales and Operations Coordinator, or in Demand Planning by a Demand Planner and so on.

*Demand Driven Institute
SAP Best Practices for SAP Integrated Business Planning

Where to get it

http://help.sap.com/ibp
http://rapid.sap.com/bp/rds_ibp

Download the following assets:

- Test scripts
- Process flow diagrams
- Scope item recordings
- Configuration guides
- Excel planning view templates
- Sample data CSV files

Supply Planning
Pramod Mane
Aggregated Constraints Using Conversion factors

• Enables to allocate minimum and/or maximum resource utilization to production and transportation resources using a capacity consumption rate as conversion factor.

• For Production, You may want to allocate minimum and/or maximum resource utilization or consumption at an aggregate level for certain products and resources. For example, you may want to ensure that specific high grade products are manufactured on a specific production line, but you don’t know in advance how long it takes to manufacture them.

• To specify that you want to consume a minimum of 800 hours and a maximum of 1200 hours for high grade products on any production line in plant 101 (LOCID = PLANT101) in October 2019, you can define the attributes as shown in the following table:

<table>
<thead>
<tr>
<th>PRDID</th>
<th>PRDDESCR</th>
<th>PRDFAMILY</th>
<th>GRADE</th>
<th>LOCID</th>
<th>LOCDESCR</th>
<th>LOCTYPE</th>
<th>RESID</th>
<th>RESDESC</th>
<th>SOURCEID</th>
<th>OCT 2019</th>
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<td>__NS</td>
<td>__NS</td>
<td>HIGH</td>
<td>PLANT101</td>
<td>__NS</td>
<td>__NS</td>
<td>__NS</td>
<td>__NS</td>
<td>__NS</td>
<td>800</td>
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<tr>
<td>MAXAGGPCAPAUSAGE</td>
<td>__NS</td>
<td>__NS</td>
<td>HIGH</td>
<td>PLANT101</td>
<td>__NS</td>
<td>__NS</td>
<td>__NS</td>
<td>__NS</td>
<td>__NS</td>
<td>1200</td>
</tr>
</tbody>
</table>
Aggregated Constraints Using Conversion factors

- For transportation, you can now add the capacity consumption rate of the transportation resource, as a conversion factor to an aggregated constraint so that adequate capacity is reserved for transportation.

- For example, you can allocate or reserve space in the truck for a group of products in a certain period, even if you're not sure in advance how many products are needed, or what the combination of products will be. The capacity consumption rate is based on that defined for the truck (resource) in the TCAPACONSUMPTION key figure.

Following key figures are introduced as part of this feature:

- MINAGGPCAPAU$AGE and MAXAGGPCAPAU$AGE for production resources
- MINAGGTCAPAU$AGE and MAXAGGTCAPAU$AGE for transportation resources
Aggregated Constraints Using Conversion factors

- For transportation, you may want to take into account shipping lane capacities and carrier contracts. Carrier contracts typically contain minimum shipping volumes, and to ensure that enough products are manufactured and transported as soon as they reach this minimum volume, you can specify the minimum shipping volume as an aggregated constraint.

- For example, you can allocate or reserve space in the truck for a group of products in a certain period, even if you're not sure in advance how many products are needed, or what the combination of products will be. The capacity consumption rate is based on that defined for the truck (resource) in the TCAPACONSUMPTION key figure.

Following key figures are introduced as part of this feature:

- MINAGGPCAPAUSAGE and MAXAGGPCAPAUSAGE for production resources
- MINAGGTCAPAUSAGE and MAXAGGTCAPAUSAGE for transportation resources
Transportation Resources for Heuristic

- Transportation resources are now also considered by all types of the supply planning heuristic.
- The heuristics calculate the capacity usage (TCAPAUSAGE) and capacity demand (TCAPADEMAND) key figures for transportation resources, but they don’t take into account the transportation resources’ capacity supply (CAPASUPPLY) as a limit on transport quantities.
- The heuristics treat capacity as infinite for transportation resources, as they currently do for production resources.
Merger Policy for Key Figures

- New primary parameter to control the merger policy for certain input key figures, that is, how synchronization for these upstream and downstream input key figures takes place after you've run a planning algorithm.

- Synchronization is quite complex for input key figures, because a planner might enter new or modified values into one or both upstream and downstream key figures at the same time.

- If this happens, the S&OP operator automatically decides whether to synchronize the values from the upstream value to the downstream value, or vice versa, for each individual period. This is called the merger policy.
Additional Supply Planning Enhancements/Changes

Forecast Consumption Without Supply Planning Now Available from the IBP Excel Add-In

- You can now run the forecast consumption algorithm without supply planning (that is, on non-supply planning enabled planning areas) from the IBP Excel add-in, as well as by using an application job (as previously).

Advance Warning: S&OP Key Figure Configuration Checks Will Raise Errors for All Customers in 1911

- The following S&OP operator checks introduced in 1902 as warnings and converted to errors for new customers in 1905 will remain as warnings for existing customers in 1908 but will be converted to errors for all customers in 1911:
  - Key figures that you marked as input/output for supply planning during model configuration are valid for the S&OP operator.
  - Each planning level's key figure root attributes are correct and consistent.
Getting Started Documentation for Time-Series-Based Supply Planning

To support you when setting up a project, we now provide Getting Started documentation for time-series-based supply planning. It suggests a starter configuration and explains basic concepts. It also provides multiple recommendations for a smooth operation of the first project phase. The new document has links to the detailed overall documentation for time-series-based supply planning.

https://help.sap.com/viewer/62772a60ce5543e3b46fbd787866b6dc/1908/en-US/0a1a06da73454e68ad2758bec281ab08.html
Revised IBP 700 course from SAP Education
SAP IBP Time Series Based Constraint Supply Planning with Optimizer

New Optimizer course replaces Heuristics content (Heuristics moved to IBP 200 with S&OP)

Course Details
- Duration 3 days
- Target Audience
  - IBP Application Consultants
  - Business Process Architects
  - Business Process Owner / Team Lead / Power Users
  - Solution Architects
- Prerequisites
  - Essential:
    ▫ IBP100 - SAP Integrated Business Planning Overview
    ▫ SAP IBP – Platform Features and TS Heuristics Planning
  - Recommended:
    ▫ IBP300 - SAP IBP - Advanced Configuration
- Several advanced topics with hands-on Exercises
- Sample Cost Simulator sheets
Attribute Permissions

Unmesh Gandhi
Attribute Permissions

**Goal:** The user should only access those master data attributes to which he/she has read/write permissions.

**Benefits:**

- **Security** – end users only see the attributes they are allowed to.
- **Performance** – Limiting the number of attributes. This leads to improved performance in areas like excel and analytics.
- **Usability** – End User has a better user experience with working on the attributes that are more relevant for them instead of browsing and filtering through several attributes in the model.

**Remarks:**

- Read Attribute Permissions – IBP 1905.
- **Write Attribute Permissions** – IBP 1908
- Customer Influence Request: Link
Write Attribute Permissions

For an example, User has visibility to all attributes of the Master Data Type Product, but can only edit the Description attribute.

<table>
<thead>
<tr>
<th>Product ID</th>
<th>Description</th>
<th>FinanceGroup</th>
<th>Category</th>
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<tbody>
<tr>
<td>P001</td>
<td>Product 001</td>
<td>AOP</td>
<td>Consumer Electronics</td>
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<tr>
<td>P002</td>
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<td>AOP</td>
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</tr>
<tr>
<td>P003</td>
<td>Product 003</td>
<td>FIN</td>
<td>Kitchen Appliance</td>
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Define following Attribute Permission

<table>
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<tr>
<th>Attribute Permission</th>
<th>Read Attributes</th>
<th>Write Attributes</th>
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</thead>
<tbody>
<tr>
<td>AP_WRITE_ONLY_DESCR</td>
<td>Unrestricted</td>
<td>= DESCRIPTION</td>
</tr>
</tbody>
</table>

For Master Data Maintenance - Planners need to have following restriction in their role:

- Master Data – Read Restriction
- Master Data Type = PRODUCT
- Planning Area = ‘XYZ’
- Version (IBP_VRSIO) = * (unrestricted)
- Scope (MD_EDIT_SCOPE) = * (unrestricted)
Write Attribute Permissions

IBP1908_DEMO Demo AP Filter


Information | Write Criteria | Users | User Groups | Permissions Report | Change History |
---|---|---|---|---|---|
Description: Demo AP Filter | Read Access: Unrestricted | | | | |

Write Access: Restricted

Write Criteria

Scope | Operator | From | To |
---|---|---|---|
Include | Equals | PRDDESCR |

Users

User | Full Name | Email |
---|---|---|
CB8989000317 | Unmesh Gandhi | u.gandhi@sap.com |

User Groups

User Group | Description |
---|---|
GENERAL_PLANNERS | Planning Generals |
Attribute Permissions External OData

- Attribute Permissions can be maintained from external systems via communication scenario SAP_COM_0069

- External OData service (/IBP/ATTPERM_API_SRV) can be used to maintain the following settings
  - ✓ Read Criteria
  - ✓ Write Criteria
  - ✓ Assignment of Users
  - ✓ Assignment of User Groups

- More Details: SAP Note 2810444
Monitor System Tasks

Unmesh Gandhi
Monitor System Tasks
Monitor System Tasks

- Monitor the system tasks that are running in the Integrated Business Planning system (near-real-time)
- Shows the system tasks that caused resource consumption peaks
Model Configuration – New UI

Gabor Mittweg
Model Configuration UI timeline

1902  1905  1908  1911  2002
Phasing out Configuration UI

Applications already available

Uses Planning Area app (1908)

Still used, also as separate apps
Simplified Key Figures in Configuration
Gabor Mittweg
Key Figure Calculations Simplified

SAP works on an enhanced version of activation. This will lead to:

- faster activation of planning areas,
- more robust operation,
- an opportunity to simplify specific complex key figure calculations.

**Last period aggregation** is now available to display the key figure value for the last period in a given time period (for example, the last month of a quarter or the last month of a year).

Use the IBP_LPA function to configure last-period aggregation in one step.

The input key figure can be stored and calculated as well. Last period aggregation cannot be used in a REQUEST level calculation.
## Last Period Aggregation – Dynamic Aggregation

The aggregated key figure can be calculated on any time profile level since the time profile level for which aggregation takes place is defined during runtime. Use this option when the goal is to ensure flexibility at querying key figures at request level. The time aggregation will happen using last period aggregation on the requested time granularity.

- Make sure that no root time profile level is defined in the output planning level of the aggregation and in any of the calculations built on last period aggregation.
- Time profile levels must be the same in the input and output planning levels.

```plaintext
AGGRINVENTORY@PERPRODLOC = IBP_LPA ( "INVENTORY@DAYPRODLOC" )
AGGRINVENTORY@REQUEST = SUM ( "AGGRINVENTORY@PERPRODLOC" )
```

### Aggregated Inventory (weekly - CW)

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### Aggregated Inventory (weekly - TW)

| Date       | TW4a| TW5a| TW4a| TW5a| TW4a| TW5a| TW4a| TW5a| TW4a| TW5a| TW4a| TW5a| TW4a| TW5a| TW4a| TW5a| TW4a| TW5a| TW4a| TW5a| TW4a| TW5a| TW4a| TW5a|
|------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 21.01.2019 | 10  |     | 30  |     | 10  |     | 30  |     | 50  |     | 40  |     | 20  |     | 60  |     | 70  |     | 20  |     | 30  |     | 10  |     | 50  |     | 20  |
| 22.01.2019 |     | 20  |     | 20  |     | 20  |     | 20  |     | 20  |     | 20  |     | 20  |     | 20  |     | 20  |     | 20  |     | 20  |     | 20  |     | 20  |
| 23.01.2019 |     |     | 20  |     |     | 20  |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 24.01.2019 |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 25.01.2019 |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 26.01.2019 |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 27.01.2019 |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 28.01.2019 |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 29.01.2019 |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 30.01.2019 |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 31.01.2019 |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 01.02.2019 |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 02.02.2019 |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 03.02.2019 |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
Last Period Aggregation – Static Aggregation

Aggregation can be defined for a specific time profile level. For example; use the last period aggregation function to calculate the aggregated inventory level on a weekly basis, since all the other calculations built on this key figure are defined for technical and calendar weeks. Since both technical week and calendar week are built on day, you can use the static aggregation.

- Define a root time profile level in the output planning level.
- The root time profile level in the output planning level must be a possible parent (i.e. a broader time period) of the root time profile level in the input planning level.

\[
\text{AGGRINVENTORY@TWPRODLOC} = \text{IBP\_LPA ("INVENTORY@DAYPRODLOC" )}
\]
\[
\text{AGGRINVENTORY@REQUEST} = \text{SUM ("AGGRINVENTORY@TWPRODLOC" )}
\]

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Aggregation and disaggregation rules

Last period aggregation is a time-based aggregation. The same aggregation and disaggregation rules apply for last period aggregation as for any other type of aggregation.

From the available options, disaggregation mode Copy Value and proportionality No Proportional Disaggregation and Same Key Figure - Stored Values return correct values after editing a key figure that was calculated using last period aggregation.
Scheduling Activation Jobs

Gabor Mittweg
Scheduling Activation Jobs

You can now schedule the activation of time profiles, master data types, and planning area using the predefined Planning Model Activation template in the Application Jobs app.

SAP recommends that you arrange a business downtime when you want to perform model activation otherwise the system may not be able to schedule the activation job, or activation may run significantly longer, or it may fail. For more information, see chapter Activating Planning Models in the Model Configuration Guide.
Integration
Reinhard Sudmeier, Guru Ramakrishnan & Malika Boubguel
Integration of SAP ECC, S/4HANA with IBP Using Add-On

SAP Integrated Business Planning

- Inbound Staging Tables
- Time Series Based Planning Area
- Order Based Planning Area
- SDI
- Open API
- SAP Cloud Platform Integration for data services

More and extended templates

SAP S/4HANA on premise, SAP ECC 6.0 as off EHP 4

- IBP Integration Add-On
- SAP Data Services Agent
- Extractors
- Webservices
- SAP Data Provisioning Agent
- Function Modules
- Staging Tables
- Application

SAP Data Provisioning Agent

New in August 2019

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Most Important Changes in Time-Series-Based Integration of SAP ECC, S/4HANA with IBP Using Add-On

- Aggregation to key figure time series now is done on the database already
- Performance Improvement within extractor
- Can be influenced by parameter AGGREGATEONDB

- New local test transaction /n/IBP_ETS_REPL_TEST
  - Advantage compared to transaction RSA3: Support for projections (requested fields)
  - Advantages compared to report RODPS_REPL_TEST
    - Support for several selection conditions in all releases (In ODP 1.0 the report RODPS_REPL_TEST only supports one)
    - Easier to use as tailored to the IBP extractors

- Field extension concept for extractors changed from custom includes to appends
  - This was needed as in some customer systems the custom include fields could not be made visible
Collaborative Enterprise Planning Scenarios

SAP’s vision for Collaborative Enterprise Planning is to bring together all siloed planning processes across the enterprise.

SAP Analytics Cloud and SAP Integrated Business Planning integrate to provide the **Financial Planning and Digital Boardroom** visibility to complete the **Collaborative Enterprise Planning** process.

- **Digital Boardroom** – Integrate Supply Chain data from IBP with real time data from S/4 and other LOBs in SAC for full 360 view of the business.

- **Integrated Financial Planning** to align Corporate Financial Plan including P&L from SAC with Demand and Supply plans in IBP

**Interfaces:**

- Visualize SAP IBP Data in SAC Digital Boardroom (ODATA Read API - IBP 1902)
- Integrated Financial Planning with data write back to IBP from SAC (ODATA Write API - IBP 1908)

This is the current state of planning and may be changed by SAP at any time.
Export Data from SAC to IBP using ODATA Write API

Use Case:
Annual Budget Plan / Financial Targets from SAC as input to IBP monthly S&OP process

SAC calls IBP ODATA API to write to IBP Key Figures
Export data from SAC to IBP

A new Export Data to SAP IBP function is now available in SAC.
Step1- Choose the model and the connection

In data management, you select the data model and the preconfigured IBP connection.
Step2- Mapping of Target Data Selection -> SAP Integrated Business Planning

Select the planning area and the fields to be populated in IBP
Step 3: Mapping of source and target fields

Map the source to the target fields. This will build the query and start the data export.

Add filters if necessary.

**Caution:** SAC can export only one KF at a time, therefore you need to add a filter.

Make sure you filter on ONE target UOM and ONE target currency.
**Collaborative Enterprise Planning in the Intelligent Enterprise**

- **State-of-the-art business processes**
  Leverage SAC and IBP to enable new end-to-end business processes, new business models and new revenue streams

- **Synchronized planning processes**
  Break down planning silos through connected and integrated planning processes between Finance and Supply Chain

- **Leverage end-to-end visibility**
  Digital Boardroom End-to-end visibility on strategic, tactical and operational level and across siloed or external data

- **Faster planning cycles**
  React faster to changes in the business through complete integration
IBP Digital Boardroom Content in SAC

- Standard Digital Boardroom content for IBP in SAC for Management Business Review.
- Full 360 view of Business by integrating with other LOB data
- Smart Insights into data and scenario planning
IBP Digital Boardroom Content in SAC

Pre-delivered Content in SAC Business Content Library

- Pre-delivered model to integrated with IBP Data
- Pre-delivered Sample Data
- Content Documentation
  - Dashboards and Stories
    - Executive Summary
    - Overview of Revenues
    - Overview of Quantities
  - Model Details and Configuration
  - Data Connectivity

Digital Boardroom Views and Stories
Demo
Miscellaneous Feature Topics
Anna Linden
Mandatory task after Upgrade

Running multiple **Purge Key Figure Data** application jobs for the same planning area at the same time is no longer possible. If you already have a **Purge Key Figure Data** application job running, any other jobs of this kind that are submitted while that job is running are canceled. You then need to reschedule those other jobs. This is to help prevent out-of-memory problems.

If you have multiple **Purge Key Figure Data** application jobs scheduled to run regularly at the same time for the same planning area, you need to schedule those jobs to run at a different time after the upgrade.
Documentation Updates

Anna Linden
What's New
Sneak Preview new Release
Application Help
SAP Best Practices
Model Configuration Guide
Migration Guide
Data Integration Scenarios
SAP Cloud Platform Integration
JAM Integration Guide
Security Information
Roadmap
Support Portal
SAP Community
Customer Influence
…
Polish as System Language

Polish is available as system language in IBP 1908 and in the new IBP Excel add-in (1908.2.0 version).
Roadmap

https://help.sap.com/ibp → Roadmap

SAP Integrated Business Planning Road Map

Strategic Roadmap Webinar (May 16, 2019):
https://dam.sap.com/a/Qe9kSE4
EKT Material can be found on the Innovation Discovery
Designed for Consultants

EKT = Early Knowledge Transfer

Find the innovations and features that you can turn into tangible value for your business. Use the link to uncover existing and planned innovations for the IBP Suite.

https://go.support.sap.com/innovationdiscovery/#/innovations/searchid=00109B147E561ED8AC88FDAEE3FFC0CA
Customer Influence Program Update

John Lopus
Customer Influence – Our Tool for Product Enhancement Ideas
Powered by SAP Innovation Management

Global cooperation of customers in the projects via the collaboration site

Customer Influence:

- **Search** and **Vote** for improvement requests
- **Submit** your own improvement request
- Comment on improvement requests
- Follow improvement requests (get notified)
- Choose your areas of interest to get notification on any projects that might interest you in the future.
- Collaboration language is English

http://influence.sap.com/ibp
How it works for customers

Integrated Business Planning continuous influence session is now ALWAYS open for your improvement request submission!

→ Logon to https://influence.sap.com/IBP

Follow the continuous session you want to influence → Submit your improvement request → Vote on other good ideas → Once idea reaches voting threshold, it is ready for review* → Product development reviews ideas → Product team informs about results of review → Suitable improvement requests are built into an upcoming release

Specific for IBP:

minimum of 10 company votes is decided

review cycles are aligned with quarterly release planning
Influence Update Moving Forward

- To avoid a limitation in the tool, we will no longer use the “Under Review” status
  - In particular this will allow for voting by customers in all active Statuses

- Some statuses have been remapped as part of a general tool update:
  - Under Review for Portfolio -> For Long Term Consideration
  - Planned for Portfolio -> Planned (Long Term)

- The main “In Progress” status values using in the future will be:
  - Submitted: Initial value when created
  - Acknowledged: Status once SAP has taken some action, improvement request is collecting votes or pending review
  - Accepted: Improvement Request is targeted for a specific upcoming release, normally current release +1 or +2
  - For Long Term Consideration: Improvement Request is on the list of potential future enhancements but not assigned to a release
Thank you.

Today's Presenters from Product Management:

• alexis.lozada@sap.com – Inventory Optimization and DDMRP
• andrew.boyle@sap.com – Order-based Planning
• anna.linden@sap.com – IBP Excel Add-In
• atul.bhandari01@sap.com – Demand Driven MRP (DDMRP)
• claus.bosch@sap.com – Order-based Planning
• gabor.mittweg@sap.com – Configuration and Planning Area Activation
• g.ramakrishnan@sap.com – Integration
• ina.glaes@sap.com – IBP Best Practices
• kenton.harman@sap.com – Alerts, Analytics, and Dashboards
• malika.boubguel@sap.com – SAC Integration
• poorya.farahani@sap.com – Demand Driven MRP (DDMRP)
• pramod.mane@sap.com – Time-series based Supply Planning
• raghav.jandhyala@sap.com – Sales & Operations Planning
• rainer.moritz@sap.com – Demand Planning
• reinhard.sudmeier@sap.com – Integration
• u.gandhi@sap.com – Attribute Permissions