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Agenda

- Solution Updates - SAP Integrated Business Planning 1805 (Released)
- SAP Best Practices for SAP IBP – 1805 Update
- 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
SAP Integrated Business Planning

Supply Chain Control Tower
End-to-End Visibility, Exception Handling and Collaboration

IBP for Sales & Operations
Strategic and Tactical Decision Processes

IBP for Demand
Demand Sensing & Statistical Forecasting

IBP for Inventory
Multi-Stage Inventory Optimization

IBP for Response & Supply
Allocations Planning & Order Rescheduling
Unconstrained & Constrained Supply Planning

SAP HANA
Order-based Planning
Michael Mack
Basic Fair Share
IBP1805 – Order-based planning

- Basic Fair Share
  - Detailed information

- Freeze Horizon
  - Detailed information

- New Fiori app “Supply Chain Dependencies”

- Geo Charts on IBP order-based planning areas

- Integration of calendars, units of measures and currencies

- Snapshots in planning versions
Fair share

What is Fair Share?

▪ In case of limited supply an equal allocation to demands of same priority should be achieved.

Where is Fair share applied?

▪ In Distribution fair share applies to Finished Good level only. In Supply Planning fair share applies as well on component level where given supply quantity is not known at Finished Good beforehand.

Planning Items:

- Distribution Planning
  - Finished Goods
  - Supply Quantity is known

- Supply Planning
  - Finished Goods/Components/Raw…
  - Supply Quantity is unknown

Key Considerations:

Scope of FAIR SHARE Concept
Demo: Fair Share in Supply Planning
Initial Situation
2 Finished Products that use same component

Demand 400pc

Demand 400pc

Supply 400pc
## Expected Fair Share result

<table>
<thead>
<tr>
<th></th>
<th>Phone A</th>
<th>Phone B</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Demand</td>
<td>400</td>
<td>400</td>
</tr>
<tr>
<td>Total Supply</td>
<td></td>
<td>400</td>
</tr>
<tr>
<td>Expected Fair Share (result)</td>
<td>200</td>
<td>200</td>
</tr>
</tbody>
</table>
Result with Fair Share

2 Finished Products that use same component

| Location ID | Material Number | Key Figure | Scenario | 03/30/2018 | 03/31/2018 | 04/01/2018 | 04/02/2018 | 04/03/2018 | 04/04/2018 | 04/05/2018 | 04/06/2018 | 04/07/2018 | 04/08/2018 | 04/09/2018 | 04/10/2018 | 04/11/2018 | 04/12/2018 | 04/13/2018 | 04/14/2018 |
|-------------|----------------|------------|----------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| DC71        | MA6_PHONE_A    | Sales Order (Requested) | FS test Phone A/B - II | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| DC72        | MA6_PHONE_B    | Sales Order (Requested) | FS test Phone A/B - II | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |

- Supplys are allocated to earliest Demands
## Planning Result with vs. without Fair Share

| Location ID | Material Number | Key Figure          | Scenario          | 03/10/2018 | 03/11/2018 | 04/01/2018 | 04/02/2018 | 04/03/2018 | 04/04/2018 | 04/05/2018 | 04/06/2018 | 04/07/2018 | 04/08/2018 | 04/09/2018 | 04/10/2018 | 04/11/2018 | 04/12/2018 | 04/13/2018 |
|-------------|-----------------|---------------------|-------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| DC71        | MAGPHONE_A      | Sales Order (Requested) | S5 test Phone A/B - II | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
|             |                 |                     | No Fair Share     | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
|             |                 | Sales Order (Confirmed) | S5 test Phone A/B - II | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
|             |                 |                     | No Fair Share     | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
|             |                 | Portion 1 for PERPINDLOCUST | S5 test Phone A/B - II | 100         | 100         | 100         | 100         | 100         | 100         | 100         | 100         | 100         | 100         | 100         | 100         | 100         | 100         | 100         |
|             |                 |                     | No Fair Share     | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| DC72        | MAGPHONE_B      | Sales Order (Requested) | S5 test Phone A/B - II | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
|             |                 |                     | No Fair Share     | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
|             |                 | Sales Order (Confirmed) | S5 test Phone A/B - II | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
|             |                 |                     | No Fair Share     | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
|             |                 | Portion 1 for PERPINDLOCUST | S5 test Phone A/B - II | 100         | 100         | 100         | 100         | 100         | 100         | 100         | 100         | 100         | 100         | 100         | 100         | 100         | 100         | 100         |
|             |                 |                     | No Fair Share     | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
Freeze Horizon
With Freeze horizons you can…

keep my planned supply stable (frozen) for the near future in order to improve the interaction with distribution/production.

Examples:

- **Stock transfer horizon:**
  within this horizon transportation planners work and organize shipping of goods.

- **Production horizon:**
  within this horizon only the production planners work and schedule orders.
## Planning with Freeze Horizon

### Frozen Zone for Production

### Planning Elements can be kept in frozen Zone

<table>
<thead>
<tr>
<th>Material Number</th>
<th>Location Number</th>
<th>Projected Stock</th>
<th>Date of Deviation</th>
<th>Status</th>
<th>Target Deviation</th>
<th>Last Planning Run Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>WA4_PHONE_B</td>
<td>DC72</td>
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<td>09/13/2018</td>
<td>Stock Shortage</td>
<td>392,000 ea</td>
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<td>WA4_PHONE_B</td>
<td>DC73</td>
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<td>09/06/2018</td>
<td>Stock Shortage</td>
<td>276,000 ea</td>
<td>Confirmation Run</td>
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<tr>
<td>WA4_PHONE_B</td>
<td>LT21</td>
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<td>09/13/2018</td>
<td>Stock Shortage</td>
<td>295,000 ea</td>
<td>Confirmation Run</td>
</tr>
<tr>
<td>WA4_PHONE_B</td>
<td>LT22</td>
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<td>09/14/2018</td>
<td>Stock Shortage</td>
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<tr>
<td>WA4_PHONE_B</td>
<td>PA22</td>
<td></td>
<td>09/09/2021</td>
<td>No Issue</td>
<td>0.000 ea</td>
<td>Confirmation Run</td>
</tr>
</tbody>
</table>

Material: WA4_PHONE_B (Phone B), Location: FA22 (Factory Liverpool)
3 new parameters for freeze horizon at Location Material level

**Distribution Freeze Horizon:**
Freeze horizon (in calendar days) for Distribution and Procurement. Within that horizon no Stock Transfer or Purchase Requisitions are created by the IBP Planning algorithm.

**Production Freeze Horizon:**
Freeze horizon (in calendar days) for Production. Within that horizon no Planned Orders are created by the IBP Planning algorithm.

**Plan Deletion Horizon:**
All planned elements before that horizon (in calendar days) are deleted.
In General all planned elements outside freeze horizon are deleted and re-planned in Planning Run.
Partner Enablement

Partner Enablement Webinar Series: SAP IBP for Response & Supply - Focus on Order based Planning

- This webinar series is meant to enable consultants to understand more of the details about order based planning.
- First session May 17th 10am EST: planning algorithm

Partner Testing Workshop: SAP IBP for Response & Supply - Focus on Order based Planning

- More details will be announced soon
Analytics and Exception Management
Kenton Harman
Analytics - New combination chart types and options

It is now possible to configure the combination charts with the following configurations:

- Single axis: Multiple lines and multiple bars
- Single axis: Multiple lines and stacked multiple bars
- Dual axis: Multiple lines and multiple bars
- Dual axis: Multiple lines and stacked multiple bars
Analytics - Stacked bar and line combination chart

The appearance of each key figure can be assigned from the Chart Options tab.
When creating or editing charts, it is sometime beneficial to retrieve the data once all the changes to the chart have been finalized. This will make the process of chart definition more efficient as you may not be interested in seeing the data until after you have add all the key figures, group-bys, and filters.

You may now use the Automatic Refresh Play and Pause buttons to control when the data is called from the backend.

A new global parameter controls the default setting and whether Auto Refresh is on or off. The parameter is: ANALYTICS | AUTO_REFRESH.
Analytics – External API for MD Purpose

• Extract master data from the IBP system that can be used by an external reporting tool.

• The extraction uses the existing IAM communication scenario as security layer.

• In the request, you provide the attributes for the data you would like to extract. The service returns the requested data in JSON format.

• Depending on what kind of data you want to extract, you can use the following endpoints of the service:
  • /IBP/EXTRACT_SRV/extract_kf for extracting key figure data
  • /IBP/EXTRACT_SRV/extract_md for extracting master data
Exception Management - Alert Buffering

- Custom Alerts are buffered to improve the performance of the exception handling.
- The buffering is enabled when the global parameter BUFFERING is set to true. This parameter is set to true by default.
- Alerts are buffered automatically at the following events:
  - Defining and saving a custom alert definition
  - Opening the Monitor Custom Alerts app for the first time
Exception Management - Manual refresh of alerts

You can manually refresh alerts with the Refresh button in the following apps:

- The Custom Alerts Overview
- The Monitor Custom Alerts
- The Define and Subscribe to Custom Alerts. In this app you have the choice to refresh either one individual subscription or all subscription of that alert definition.

The amount of time since the last refresh is listed next to the refreshed object.
Refresh of all alerts via the Custom Alerts Overview app

Click here to refresh all subscriptions
Refresh of all alerts in Monitor Custom Alerts app

Click here to refresh all the subscriptions

Refresh time since when the alerts has been calculated
Refresh of alerts in Define Custom Alerts app

Boot Camp Simple Demo1

**BootCampSimpleDemo1**

**Category:**
Calculation Level: LOCID (Location ID), PROID (Product ID)
Planning Area: MONSAP6 (SAP6 Demand)

**Severity:** High
**Active**
**Version:** Base Version

### INFORMATION

<table>
<thead>
<tr>
<th>Subscriptions (2)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Name</td>
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<tr>
<td>BootCamp Simple SUB1_FR</td>
</tr>
<tr>
<td>BootCampSimpleDemoSub2</td>
</tr>
</tbody>
</table>

**Click here to refresh all subscriptions of this alert definition**

**Refresh time since when the alerts has been calculated**

**Click here to refresh one subscription of this alert definition**
Job Scheduling for buffering of Analytics and Custom Alerts

You can automate the refresh of the buffering for analytics charts and custom alerts by scheduling a job and using the new **Alerts and Analytics buffering** application job template.

**Steps:**

1. Run the application jobs app from the Launchpad
2. Add a job and choose the **Alerts and Analytics buffering** job template
3. Fill in the required fields and the schedule the time when you want the system to refresh the buffer.
4. Use the different options as needed and save the job.
IBP Excel Add-In 1805.2.0
Anna Linden
Fixing Key Figure Values

Protect key figure values of certain periods on detailed or aggregated level against unintentional changes by automated processes or interactive disaggregation.

Reasons could be e.g. a special agreement with customers on a planned event.
Use Case 1: Fixing of ‘Sub-Hierarchies’

A planner wants to fix a key figure value for a certain period including all its child values.

- **aggregated level**, e.g. product group
  - 500
  - 200
- **base planning level**, e.g. products
  - 100

- **Partially fixed** (200)
- **fixed**
Use Case 1: Fixing of ‘Sub-Hierarchies’ (cont.)

Changes on a higher aggregation level do not change fixed values.
Use Case 1: Fixing of ‘Sub-Hierarchies’ (cont.)

Value changes that would cause negative values due to fixing are rejected.
How to Fix Values

You can fix:
- Individual cells
- Ranges of up to 50 cells
- Individual rows
How to Indicate Fixed Values

Fixed values are indicated by lock symbols using Microsoft Excel cell formatting:

- 🔒 for completely fixed values
- ◀ for partially fixed values

For partially fixed values the fixed quantity is displayed as an Excel comment.
How to Unfix Values Manually

You can unfix:

- Individual cells
- Ranges of up to 50 cells
- Individual rows
Error Handling for Invalid Changes

Changes done to completely fixed cells without unfixing them will be discarded on Simulate/Save. A respective warning is displayed.
Error Handling for Invalid Changes (cont.)

Invalid changes detected during processing are indicated on a rejection UI. The user may:

1. Display details for the rejected cells or
2. Highlight the rejected cells or
3. Resend the changes without the invalid cells or
4. Abort simulation
To visualize fixed key figure values correctly in the IBP Excel add-in, you need to include an *EPM Formatting Sheet* in the planning view by choosing *Edit View ➔ View Formats* from the menu.

If a planning view contains fixing enabled key figures but no *EPM Formatting Sheet* a warning is displayed.

On the *EPM Formatting Sheet* you may define specific formatting rules for fixing enabled key figures.
Mass Deletion of Fixing Indicators - Application Job Template *Unfix Key Figure Values*

The application job template *Unfix Key Figure Values* allows the mass deletion of fixing, e.g. when starting a new planning cycle.

Filters for key figures, attributes, versions and a time range may optionally be used in this process.
## Fixing in IBP Processes

<table>
<thead>
<tr>
<th>Process</th>
<th>Consider fixed values</th>
<th>Fix</th>
<th>Unfix</th>
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<tbody>
<tr>
<td>Interactive Disaggregation (incl. Versions and Scenarios)</td>
<td>Yes (Default)</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Forecast Simulation</td>
<td>Yes (Default)</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>Batch Forecast Run</td>
<td>Yes (Default)</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>DISAGG Operator</td>
<td>Yes (Default)</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>COPY Operator</td>
<td>No</td>
<td>No</td>
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<td>Copy Version Operator</td>
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<tr>
<td>Data Integration</td>
<td>No</td>
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<td>Yes</td>
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<tr>
<td>Mass Unfixing</td>
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<td>Yes</td>
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<td>No</td>
<td>Yes</td>
</tr>
<tr>
<td>Response</td>
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<td>Yes</td>
</tr>
<tr>
<td>Lag-Based Snapshot</td>
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<td>No</td>
<td>Yes</td>
</tr>
</tbody>
</table>

Consider fixed (target) key figure values by default

Unfix fixed (target) key figure values by default
Solution Approach – Activate Fixing in Configuration

- Fixing is activated for a key figure by setting the *Enable Fixing* flag on the key figure configuration UI.

- For every fixing enabled key figure, two dependent key figures are generated to hold the fixing information and the fixed portion of the key figure value. These ‘technical’ key figures for fixing will use the following prefixes:
  - DIS_FIXIND_ ➔ for the fixing information
  - DIS_FIXQTY_ ➔ for the fixed quantity

- These technical key figures will be visible in a ‘read-only’ mode in configuration but not in other UIs.
Assumptions

- Fixing is **only relevant for manually editable key figures**.
- Fixing **must be activated per key figure** in configuration.
- Fixing can be activated only for **up to 20 key figures** (due to performance considerations).
- A key figure **value can only be fixed or unfixed completely**. It is not possible to manually fix a certain quantity of a key figure value.
- Only single/ multiple key figure values can be fixed, not all values of a planning object generically.
- **Negative values are not allowed** for fixing enabled key figures. The user cannot disaggregate negative values and the system will not create negative values during disaggregation due to fixed key figure values.
**Prerequisites for Enabling Fixing for a Key Figure**

- Key Figure is stored AND
- Edit Allowed is set to ‘All Editable’ or ‘Editable in the Current or Future’ or ‘Editable in the Past’ AND
- Not more than 19 key figures have been marked for fixing (overall limit is 20) AND
- Key figure is not marked as ‘Snapshot Key Figure’ AND
- Key figure is not marked as ‘Alert Key Figure’ AND
- Key figure is neither marked as ‘Output for Supply Planning’ nor as ‘Input and Output for Supply Planning’ AND
- Key figure does not have Business Meaning 'Promotion Final', 'Promotion Total (Source)', 'Promotion Uplift (Source)' assigned
- Key figure does not use L-Code for aggregation
- One of the following combinations of Aggregation/ Disaggregation modes is selected*
  - Aggregation Mode Sum with Disaggregation Mode Equal or Proportional /Equal
  - Aggregation Mode Average with Disaggregation Mode Proportional /Copy

*Note: Aggregation mode Custom is no longer required to use (UoM/ currency) conversions.
Sales & Operations Planning
Raghav Jandhyala
Shelf Life Visibility

New LCODE Key Figures for Wastage Quantity:

Quantities of batches that can no longer be used due to end of shelf life are now identified in a separate key figure. This provides visibility into inventory that must be written-off, replenished, etc.

- **LSLWASTAGEQTY@WKPRODLOCCUSTBATCH** level
- **LSLWASTAGEQTYPLB@WKPRODLOCBATCH** level

<table>
<thead>
<tr>
<th>Prod</th>
<th>Loc</th>
<th>Batch ID</th>
<th>Key Figure</th>
<th>W40</th>
<th>W41</th>
<th>W42</th>
<th>W43</th>
<th>W44</th>
<th>W45</th>
<th>W46</th>
<th>W47</th>
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<td>Rem. Shelf Life</td>
<td>12</td>
<td>11</td>
<td>10</td>
<td>9</td>
<td>8</td>
<td></td>
<td></td>
<td></td>
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</tr>
</tbody>
</table>

Validations on Shelf Life input Key Figures to check for missing values and Nulls
Process Management Enhancements

Logs for Processes: Logs associated with Process progress are now available in Application Logs app

- Logs for Process Automation of Application Jobs
- Process and Process Steps Start and End activities

Old Process Modeling App discontinued:

- Use Manage Process Templates and Manage Processes apps.
- To use the new apps, you need to add the business catalogs SAP_IBP_BC_PROCTEMPLATE_PC (Manage Process Templates app) and SAP_IBP_BC_PROCINSTANCE_PC (Manage Processes app)

Possible delay in Process Automations based on the completion of Application Jobs

- With 1805, the automation of application jobs is handled by Technical Process Management Backgroud job which runs every 30mins. So there can be a possible delay in the execution of the job.
- If you are using PROCESS_MANAGEMENT_AUTOMATION_TEMPLATE in Application Job Template, this can be removed and it will be discontinued in future releases.

Supply Planning
Pramod Mane
Forecast Consumption

- A new Forecast Consumption Profiles app is available in the TS Supply Planning Configuration section of the Launchpad to support the forecast consumption process.

- By creating a forecast consumption profile and including it in the planning algorithm, you can define the way in which incoming sales orders consume the forecast demand.

- The consumption forecast can also be run in conjunction with another planning algorithm. In this case, the forecast consumption is calculated first, and the result is passed to the planning algorithm as input data.

- A new planning algorithm TS-Based Forecast Consumption in S&OP Operator Profiles app enables to calculate the forecast consumption independently of other planning algorithms (heuristics or optimizer).
Forecast Consumption

Key Figure Assignments

Input Key Figures:
- **Forecast**: This key figure represents the forecast to be consumed by incoming sales orders.
- **Sales Order**: This key figure represents the sales order quantities (aggregated by planning period) that consume the input forecast.

Output Key Figures
- **Open Forecast**: Key figure to be filled by the forecast consumption algorithm to represent the open forecast.
- **Total Demand**: Key figure to be filled by the forecast consumption algorithm to represent the total demand.

In 1805 the storage level of all of the above key figures must be Product ID (PRID) and Location ID (LOCID)

Forecast Consumption Level
- The Forecast Consumption Level defines the set of attributes which form the key of the input data on which the consumption is performed.
- The forecast consumption level must also be equal to Product ID (PRID) and Location ID (LOCID).
Forecast Consumption

Forecast Consumption Mode

- Following Forecast Consumption Modes are supported:
  - 0: first forward, then backward
  - 1: first backward, then forward
  - 2: forward only
  - 3: backward only

- New master data type IBPFORECASTCONSUMPTIONMODE is introduced to specify the consumption modes

<table>
<thead>
<tr>
<th>FcstConsMode</th>
<th>DirectionID</th>
<th>Direction Description</th>
<th>ForwardPeriods</th>
<th>BackwardPeriods</th>
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<tbody>
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<tr>
<td>102</td>
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<td>Backward/Forward</td>
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<td>Forward</td>
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<tr>
<td>105</td>
<td>0</td>
<td>First Forward then Backward</td>
<td>5</td>
<td>4</td>
</tr>
</tbody>
</table>
Forecast Consumption

Forecast Consumption Mode Assignment

- Using Forecast Consumption Mode Assignment a specific consumption Mode is assigned to each input record as an input to the algorithm. This is done via master data assignment.

- In 1805, as the forecast consumption level is fixed to Product ID and Location ID, the master which are available for master data assignment are with keys PRDID and/or LOCID.

<table>
<thead>
<tr>
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</tr>
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<td>Location 1</td>
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</tr>
<tr>
<td>Location 2</td>
<td>102</td>
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## Forecast Consumption Examples

### Consumption mode: Backward 2 periods, Forward 1 period

<table>
<thead>
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<th>Key figure / Period</th>
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<th>2</th>
<th>3</th>
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<td>Open Forecast</td>
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### Consumption mode: Forward 3 periods

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<th>3</th>
<th>4</th>
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<td>400</td>
<td>180</td>
<td>300</td>
<td>50</td>
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</table>
Aggregated Constraint Key Figures for Inventory

- New aggregated constraints for inventory available to set a minimum or maximum inventory level in a defined period for any combination of product and location at an aggregate level.

- For e.g. specify maximum inventory for a product family at a region level.

- Aggregated constraint key figures let you model constraints for the time-series-based supply planning optimizer.

- Key figures:
  - MINAGGINVENTORY
  - MAXAGGINVENTORY
  - Both are at base planning level: PERIOD-PRODUCT-LOCATION

- The above key figures are available as part of delivered planning area SAP4 and SAPIBP1
Activation Check for Version-Specific Key Figures

- A new consistency check is performed on a planning area that is enabled for time-series-based supply planning. The new check serves to identify incomplete configuration already in the modeling phase, rather than detecting it during a planning run only.

- If versions exist, the system now checks that all output key figures and input/output key figures exist as version-specific key figures in each version. If any of the output or input/output key figures doesn't meet this requirement, the check will fail, and you have to adapt the configuration.
New Aggregate Constraint Master Data Type with Aggregate Attribute

- A new master data type with an attribute has been introduced with the purpose to unambiguously identify the planning levels for aggregated constraints.

- Adding the attribute to aggregate constraint planning level, you can indicate that the planning level is an aggregate level.
Additional key-figures for SAP Ariba Supply Chain Collaboration integration

**SAP Integrated Business Planning to SAP Ariba:**

10 SAP Ariba custom quantity key figures

- SAP Ariba Custom Quantity Key Figure 01
- SAP Ariba Custom Quantity Key Figure 02
- SAP Ariba Custom Quantity Key Figure 03
- ...
- SAP Ariba Custom Quantity Key Figure 10

Improves extensibility to current IBP-Ariba integration capabilities
Additional key-figures for SAP Ariba Supply Chain Collaboration integration

SAP Ariba Supply Chain Collaboration: buyer.ariba.com

SAP Ariba: Planned General Availability (GA) June 2018
Additional key-figures for SAP Ariba Supply Chain Collaboration integration

SAP Ariba Supply Chain Collaboration: Tab Planning Collaboration

### SAP Ariba: Planned General Availability (GA) June 2018
Additional key-figures for SAP Ariba Supply Chain Collaboration integration

SAP Ariba to SAP Integrated Business Planning:

Additional key figures for manufacturing visibility with SAP Ariba Supply Chain Collaboration for Buyers collaborating with integrated suppliers.

- **Firm receipt quantity**
  - Information about purchase order confirmations that your suppliers have received from their suppliers.

- **Manufacturing order quantity**
  - Information about production orders that your suppliers have created

- **Planned receipt quantity**
  - Information about forecast commit that your suppliers have received from their suppliers.

- **Projected stock quantity**
  - Information about the stock that your suppliers expect to have available at their location at the end of this day.

- **Shipment quantity**
  - Information about the quantity that suppliers can ship to cover the requested quantities.

**Benefit:**
Buyer gains visibility into the supplier manufacturing process and can proactively detect supply disruptions.
Message Monitoring

Inbound and outbound messages can be monitored with the **Message Dashboard** App

- Key features:
  - See general status of interfaces
  - Check message status over time
  - Navigate to the monitoring and error handling to analyze the log messages in detail
  - Create custom hints or message texts for certain log messages
  - Cancel or restart data messages
New SAP Fiori Assign Recipients to Users

- **New App:** Assign Recipients to User to enable Message Monitoring for users*
  
  - User needs to be assigned to:
    - Namespace: /IBP01
    - Recipient Name: ALL_RECIPIENTS

* With the new App users are no longer automatically assigned when corresponding business catalog is assigned to user.
New Business Catalogs for Message Monitoring

- New business catalogs:
  - SAP_CA_BC_COM_ERR_PC contains App *Message Dashboard*
  - SAP_CA_BC_COM_CONF_PC contains App *Assign Recipients to Users*

- Deprecated business catalogs (planned discontinuation in 1811)
  - SAP_CA_BC_COM_PC
**New Settings for ABC Segmentation**

**Calculation Methods for ABC Segmentation**

**New Method:**
(5) By Segmentation Measure (Single Values)
(5) By Segmentation Measure (Single Values) - Example

<table>
<thead>
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<th>Product</th>
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<th>Class</th>
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</tr>
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<td>Prod 6</td>
<td>19391</td>
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<td>Prod 9</td>
<td>14557</td>
<td>A</td>
</tr>
<tr>
<td>Prod 7</td>
<td>9766</td>
<td>B</td>
</tr>
<tr>
<td>Prod 8</td>
<td>8167</td>
<td>B</td>
</tr>
<tr>
<td>Prod 3</td>
<td>6361</td>
<td>B</td>
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<tr>
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<td></td>
</tr>
</tbody>
</table>

Thresholds

A  > 10000
B  > 5000
C  < 5000

The segments are calculated based on the total value produced by each item in terms of the segmentation measure, and the sums are compared one-by-one to the predefined thresholds.
New Settings for XYZ Segmentation

Calculate Variation and Aggregate over Periods. The main difference between the two is that Calculate Variation calculates variance values during the segmentation runs, while Aggregate over Periods works with values that were previously calculated by other tools such as the Manage Forecast Error Calculations app.
Trade Promotions
How to Integrate Promotions in the Planning Process

Load Promotions from external system into SAP IBP

Trade Promotion Management in SAP CRM, Microsoft Excel, Other

Promotions Plan

Upload via…

HANA CPI-DS
.csv File

SAP IBP

New Option in 1805:
Create Promotions in SAP IBP

SAP IBP

Demand Planner

Analyze Promotions

Create

Promotions Plan
## Analyze Promotions: Create Promotions

### Create Promotion Form

<table>
<thead>
<tr>
<th>Product</th>
<th>Super Sharp 52 inch</th>
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</thead>
<tbody>
<tr>
<td>Customer</td>
<td>High-Tech Superstore</td>
</tr>
<tr>
<td>Promotion ID</td>
<td></td>
</tr>
<tr>
<td>Description</td>
<td>HT_012 needs support</td>
</tr>
<tr>
<td>Notes</td>
<td>What should I write</td>
</tr>
<tr>
<td>Promotion Type</td>
<td>Desperate Try</td>
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<tr>
<td>Status</td>
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</tr>
<tr>
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<td>End Date</td>
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**Promotion Total:** 364

### Promotions Table

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<th>Average Sales Lift</th>
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<td></td>
<td></td>
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</table>

### Options

- Add
- Include
- Calculate Promotion Success
Overview

With SAP Integrated Business Planning 1805, we provide the flexibility for the customer to be able to see the intermediate results of demand sensing. Thus giving them an insight into how the sensed demand transformed into the final value that is displayed.

Following are some of the intermediate input/outputs that the customer can set up via keyfigures and view them in IBP-Excel.

- Original Sensed Demand
- Capped Sensed Demand
- Weekly Open Orders
- Uplift Balanced Sensed Demand
- Base Balanced Sensed Demand

These key figures are all at technical week periodicity. A business meaning needs to be assigned to each of these key figures for them to be populated.

These Key Figures are for reviewing purposes only, and changing their values (manually or through configuration) does not have any impact on sensed demand numbers.
Business Case for Using Original Sensed Demand

- Original Sensed Demand refers to the calculated sensed demand based on the optimization steps (bias and open order correlation optimization).

- Since final sensed demand is impacted by other processes such as capping, and balancing, the user can leverage this key figure to review the impact of optimization steps.

<table>
<thead>
<tr>
<th></th>
<th></th>
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<td>1560</td>
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</tr>
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<td>1560</td>
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<td>2359.103157</td>
<td>2072.413646</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Business Case for Using Capped Sensed Demand

- Capping is a setting within the DS forecast model maintenance app to limit potential changes to the input forecast during the optimization step.

- Using this KF, the user can check what was the output of Demand Sensing after the Capps are applied.

- This KF also represents the unconsumed output of Demand Sensing. Therefore, to calculate consumption during uplift balancing and/or base balancing.

- In the example below, a capping threshold of 30% was applied in the forecast model, revising the WEEKLYOPTIMIZEDSD to a value that is only 30% deviating from the Consensus Demand w/o Promo.

<table>
<thead>
<tr>
<th></th>
<th>W38 2017</th>
<th>W39 2017</th>
<th>W40 2017</th>
<th>W41 2017</th>
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<td>2857.14</td>
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<td>2158.918538</td>
<td>2359.103157</td>
<td>2072.413646</td>
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</tbody>
</table>
Business Case for Using Weekly Open Orders

- Open orders are calculated based on volume of orders that are visible in IBP at the time of running sensed demand job (orders with Order Creation Date <= Period when Demand Sensing is being run).

- Since the amount of open orders impact final sensed demand in different steps (Open Order Correlation and disaggregation weight optimization steps, and post processing steps), it is important to understand how much orders were open at the time of running sensed demand (order volume might change through time, and that will make the backtracking of how DS numbers were generated very difficult).

- Via this KF, you can review volume of orders that were available for each demand stream, for each technical week (or calendar week).

<table>
<thead>
<tr>
<th></th>
<th>W38 2017</th>
<th>W39 2017</th>
<th>W40 2017</th>
<th>W41 2017</th>
</tr>
</thead>
<tbody>
<tr>
<td>EP/216179 GB50 EP/GB99_DUMMY</td>
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<td>2857.14</td>
<td>2857.14</td>
<td>2727</td>
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<tr>
<td>EP/216179 GB50 EP/GB99_DUMMY</td>
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<td>1820</td>
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</tbody>
</table>
Business Case for Using Uplift Balanced Sensed Demand

- Uplift balancing calculates amount of unconsumed uplift that must be added to the capped sensed demand.

- Using this KF, the user can check how much uplift from the originally planned uplift is added to the sensed demand (respectively, how much of the planned uplift is consumed by oversells in other periods).

- In the example below, no uplift was planned and no oversell exists, thus WEEKLYCAPPEDSD = WEEKLYUPLIFTBALANCEDSD

- Amount of open orders impacts WEEKLYUPLIFTBALANCEDSD when they represent oversell in adjacent periods.
Business Case for Using Base Balanced Sensed Demand

- Base balancing revises weekly uplift balanced SD based on the remaining oversell and undersell calculations.
- Using this KF, the user can check how much their sensed demand has been reduced at each period due to oversell in adjacent periods.
- Amount of open orders impacts WEEKLYBASEBALANCEDSD when they represent oversell in adjacent periods. (in this example, no oversell existed in the adjacent period of each week, thus WEEKLYBASEBALANCEDSD = WEEKLYUPLIFTBALANCEDSD.)
- Final weekly sensed demand Qty is the same as WEEKLYBASEBALANCEDSD

<table>
<thead>
<tr>
<th></th>
<th>W38 2017</th>
<th>W39 2017</th>
<th>W40 2017</th>
<th>W41 2017</th>
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<td>EP/216179 GB50 EP/GB99_DUMMY</td>
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<td>1999.997998</td>
<td>2158.918538</td>
<td>2359.103157</td>
</tr>
</tbody>
</table>
Enhancements to Inventory Optimization (SAP3)

- Users can model Normal vs. Gamma Distribution for Forecast Error at the Product Location Level:
  - DISTRIBUTIONTYPE Attribute exists in LOCATIONPRODUCT Master Data Type: Select G for Gamma Distribution or N for Normal Distribution.
  - If null, Multi-Stage Inventory Optimization operator will default to Gamma distribution.

- Multi-Stage Inventory Optimization operator generates a NETWORKID attribute output at product-location granularity to identify connected networks.
Enhancements to Demand-Driven MRP Operators (SAP3B)

- Critical Path Indicators for Transportation and Production Sourcing.
  - Per DDMRP methodology, a critical path indicates the longest lead time in the supply chain network.
  - Indicators are generated for both transportation and production lanes.
- DDMRP algorithm generates Decoupling Point Reason Codes to help users understand decoupling point recommendations.

<table>
<thead>
<tr>
<th>Decoupling Point Reason Code</th>
<th>Explanation</th>
</tr>
</thead>
<tbody>
<tr>
<td>User_Input</td>
<td>Specified as a decoupling point by user.</td>
</tr>
<tr>
<td>Customer_Tolerance_Time</td>
<td>Meet the customer tolerance time constraint. For instance, for a customer-facing node, if the customer tolerance time is less than its incoming lead time, then the node is chosen as decoupling point.</td>
</tr>
<tr>
<td>Quick_Turn_Market</td>
<td>Specified by the quick turn market input flag.</td>
</tr>
<tr>
<td>Critical_Operation_Protection</td>
<td>Specified by the critical operation protection input flag.</td>
</tr>
<tr>
<td>External_Variability</td>
<td>If variability (demand or supply) is categorized as High at a node, the node is chosen as decoupling point.</td>
</tr>
<tr>
<td>Inventory_Leverage_And_Flexibility</td>
<td>If a node is identified as common components along the longest cumulative coupled lead time chain (critical path) for finished products, then the node is chosen as decoupling point.</td>
</tr>
</tbody>
</table>
Enhancing Fiori App “DDMRP Buffer Analysis”

- Enhance Fiori UI with bar chart showing percentage difference between scenario and baseline.
Enhancements to Fiori Supply Chain Network Application

- Render networks for IBP for response (SAP7) and IBP for response & supply (SAP74) sample models.
- Apply Rolling Periods when using Time Period Filters in a rendered network chart.
- Added Symbols legend to help users understanding each node displayed in supply chain network charts.
- Save user modified placement of nodes in the chart.
- Introducing UI Error Messages when:
  - A planning area is not active.
  - Attribute values are selected with a semantic configuration.
  - Master Data do not meet minimum data model requirements.
Introducing Symbols Legend in Supply Chain Network charts

<table>
<thead>
<tr>
<th>Icon Name</th>
<th>Icon Description</th>
<th>Icon</th>
</tr>
</thead>
</table>
| Customer Group       | Denotes the end-point for the supply chain, where products are available to a group of customers. | ![Icon]
| Customer             | Denotes the end-point for the supply chain, where products are available to an individual customer. | ![Icon]
| Stocking Node        | Denotes a location in the supply chain where items (finished goods or raw materials) are stored. May be an originating or intermediary node. | ![Icon]
| Non-stocking Node    | Denotes a location in the supply chain that does not hold any inventory. For example, a production plant or a cross-dock. | ![Icon]
| Processing/Manufacturing Node | Denotes a location where raw materials are transformed to finished goods. May be an originating or intermediary node. | ![Icon]
| Vendor Node          | Denotes the origin of raw material/products into the supply chain sourced from an external vendor. | ![Icon]
| Product Node         | Denotes a product within the supply chain that is a component for a finished good or a product. | ![Icon]

Differentiated icons to display Customer IDs and Customer Groups

Product Node helps simplifying network display
# Enhancements to Fiori Supply Chain Network Application: Explanation of Error Messages

<table>
<thead>
<tr>
<th>Error Message</th>
<th>Explanation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Planning Area not supported</td>
<td>Based on available master data type, a planning area can not be configured to have the required attributes to match the Supply Chain Network data model.</td>
</tr>
<tr>
<td>Network Model not initialized</td>
<td>Indicates a coding error.</td>
</tr>
<tr>
<td>Planning area <code>&lt;plarea&gt;</code> is not activated.</td>
<td>Planning area either flagged as inactive or pending deletion.</td>
</tr>
</tbody>
</table>
| Master data `<master data type>` missing or invalid in planning area | • Sufficient master data types exist for the data model, but they have not been added to the planning area configuration itself.  
  • If a master data type does not exist, generally because the master data type has not been activated.  
  • If a master data type is represented by a view instead of a table, but the view has been invalidated. |
| Either sourcecustomer or sourcecustomergroupp must exist in planning area | Indicates that neither SOURCECUSTOMER master data type nor SOURCECUSTGROUP master data has been added to the planning area configuration. |
| Sorry, a technical error occurred! Please try again later. | An unidentifiable error was returned by one secondary ODATA service, generally indicating a problem loading the model used for filters, e.g., unit of measure, currency, product. |
| Unable to load Planning Area - Semantic Model not supported | Attributes for the planning area master data have the "Semantic" column set in the database, indicating that the semantic mapping is used. |
Data Integration
Reinhard Sudmeier
Data Integration Jobs app
New Restriction Area

- Business catalog for Data Integration (SAP_IBP_BC_DATAINTEGRATION_PC) has been enhanced with new restriction area Data Integration Type

- You can give users the permission to insert or update, replace, and delete key figure data, master data, time-periods, and snapshots in an import job
Data Integration Jobs app
New Restriction Area

- You restrict the actions for the business role in the new **Data Integration Type** restriction area by selecting the corresponding data types that you want to restrict and specify the operation type that users can use for those data types in an import job.
## Pre-Packaged Content for Periodic Data Transfer of Key Figures from S/4 HANA On Premise and ERP to Unified Planning Area

<table>
<thead>
<tr>
<th>Object</th>
<th>Template</th>
<th>Data Flow</th>
<th>Sources</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td><strong>Key Figures for Unified Planning Area</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Actuals / Shipment History</td>
<td>IBP_KF_Actuals</td>
<td>IBP_ActualsQty</td>
<td>Tables LIPS, LIKP</td>
</tr>
<tr>
<td></td>
<td></td>
<td>IBP_Actuals_Rev</td>
<td>Tables LIPS, LIKP, view WB2_V_VBRK,VBRP2</td>
</tr>
<tr>
<td>Inventory</td>
<td>IBP_KF_InitialInventory</td>
<td>IBP_InitialInventory</td>
<td>Tables MARA, MARD</td>
</tr>
<tr>
<td>Open Orders from ERP</td>
<td>IBP_KF_OpenOrders_ERP</td>
<td>IBP_OpenOrders_Qty_ERP</td>
<td>Tables VBAP, VBAK, MARA, VBUP</td>
</tr>
<tr>
<td></td>
<td></td>
<td>IBP_OpenOrders_Rev_ERP</td>
<td>Tables VBAP, VBAK, MARA, VBUP</td>
</tr>
<tr>
<td>Open Orders from S/4</td>
<td>IBP_KF_OpenOrders_S4</td>
<td>IBP_OpenOrdersQty_S4</td>
<td>Tables VBAP, VBAK, MARA</td>
</tr>
<tr>
<td></td>
<td></td>
<td>IBP_OpenOrdersRev_S4</td>
<td>Tables VBAP, VBAK, MARA</td>
</tr>
<tr>
<td>Planned Price</td>
<td>IBP_KF_PlannedPrice</td>
<td>IBP_PlannedPrice</td>
<td>Tables TCURR, MARA, view WB2_V_VBRK_VBRP2</td>
</tr>
<tr>
<td>Safety Stock</td>
<td>IBP_KF_SafetyStock</td>
<td>IBP_SafetyStock</td>
<td>Tables MARA, MARC</td>
</tr>
</tbody>
</table>
Extensibility/Trouble shooting guides for Integration

Extension Guide

Troubleshooting guide

Link

Link
Further Enhancements in Foundation

Anna Linden
New System Monitoring app

- Resource Consumption KPIs per hour
- Job Scheduling Statistics
Further Enhancements

- You can now use the **Content Administration app** to share, unshare, reassign, and delete **scenarios** defined in the IBP add-in for Microsoft Excel.

- The **Purge Master Data application job template** has been enhanced to allow more **selective purging of master data**. You can now delete specific master data by selecting a planning filter.

- In the **Planning Areas app**, you can now do the following:
  - **Create a new planning area and edit the planning area settings** and time settings of an existing planning area.
  - In the list of planning areas, you now have the option to **switch between displaying the latest instance of the planning areas and active ones only**.

- **Planning Area activation is now executed as an application job**. You can now find information about the activation runs in the **Application Jobs app**.
Documentation Updates
Anna Linden
What’s New
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
…
Roadmap

http://www.sap.com/roadmaps → Browse all Road Maps → Products & Solutions → Internet of Things and Digital Supply Chain → Supply Chain

1805 roadmap version available!

Strategic Roadmap presentation at ASUG: Session ID 10093 / Presenter: Thomas Klemm

Strategic Roadmap Webinar: Planned for June 27
New scope and changes in V11.1805

- Technical upgrade to SAP Integrated Business Planning 1805
- The Sales and Operations Planning process has been enhanced with the new Process Management to provide more transparent visualization of the process including application jobs that you can trigger at the start or end of process steps, using the new “Manage Process Templates” and “Manage Processes” apps
- The Demand Planning process has been enhanced with an example of how to fix key figure values in Demand Planning to protect key figure values of certain periods on the detailed or aggregated level against unintentional changes by automated processes or interactive disaggregation
- The Demand Sensing process has been enhanced with the new lag-based snapshot concept
- Order-based planning is now using new master data and the supply chain network in alignment with SAP Best Practices for SAP S/4HANA
Process Management (IBP for sales and operations) – summary

**Demand Review**
- Review Sales Forecast
- Review Marketing Forecast
- Review Annual Operating Plan
- Create Consensus Demand Plan

5 working days

**Start step**
- On Start date

**End Step**
- On End date or
- When tasks are completed

**End Job:**
- Copy Consensus Demand Plan

**Supply Review**
- Create Supply Plan
- Prepare Supply Scenarios

5 working days

**Start step**
- When the End application job of the previous step is completed

**Start Job:**
- Copy of Final Safety Stock (from IO)

**End Step**
- When tasks are completed

**End Job:**
- Copy Consensus Demand Plan

**Reconciliation Review**
- Review Supply Scenarios

3 working days

**Start step**
- When previous step is completed

**End Step**
- On End date or
- When tasks are completed

**End Job:**
- Copy Constrained Demand Plan to Final Consensus Demand Plan

**Management Business Review**
- Review Executive Proposal
- Approve Final Plan

2 working days

**Start step**
- On Start date or
- When previous step is completed

**End Step**
- When tasks are completed

**Scope item status (1/2)**

<table>
<thead>
<tr>
<th>IBP Application</th>
<th>Scope Item</th>
<th>SID</th>
<th>Status</th>
<th>Short Description and What’s New</th>
</tr>
</thead>
<tbody>
<tr>
<td>Integrated Business Planning for sales and operations</td>
<td>IBP for sales and operations – demand review</td>
<td>2BQ</td>
<td>Technical upgrade with scope changes</td>
<td>Gather demand input from various sources like sales, marketing, and finance, and generate a single consensus demand plan for measuring current volume and financial target achievement. Update with new Process Management</td>
</tr>
<tr>
<td></td>
<td>IBP for sales and operations – supply review – heuristic</td>
<td>2BS</td>
<td>Technical upgrade with scope changes</td>
<td>Generate an infinite supply plan with no shortages for your consensus demand, and identify supply and capacity bottlenecks. Carry out manual capacity leveling to solve potential supply issues and to create a feasible, constrained demand plan. Update with new Process Management</td>
</tr>
<tr>
<td></td>
<td>IBP for sales and operations – reconciliation review</td>
<td>2BU</td>
<td>Technical upgrade with scope changes</td>
<td>Evaluate constrained demand scenarios and prepare an executive proposal for demand, supply and finance alignment. Update with new Process Management</td>
</tr>
<tr>
<td>Integrated Business Planning for demand</td>
<td>IBP for sales and operations – management business review</td>
<td>2BW</td>
<td>Technical upgrade with scope changes</td>
<td>Decide on demand, supply and finance alignment, and approve final consensus demand plan. Update with new Process Management</td>
</tr>
<tr>
<td>Integrated Business Planning for inventory</td>
<td>IBP for inventory</td>
<td>11Z</td>
<td>Technical upgrade</td>
<td>Optimize multi-stage inventory targets to most efficiently meet or exceed customer service levels, fully considering uncertainties like forecast error and supply uncertainty.</td>
</tr>
</tbody>
</table>
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
Customer Influence Program Update

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

Global co-operation 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

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

Specific for IBP:

«Next review in April 2018

*minimum # of votes can be different in Continuous Sessions (Product Owner’s decision)
Spring 2018 Review Update

- **215** Improvement ideas submitted
- **49** of your new ideas currently in Review plus **20** from the Fall 2017 Review
- More the **130** companies have voted
- Review cycle will complete in June
- System is continuously open for your ideas and to vote to support ideas from other customers
Note: All future planned releases dates are subject to change.
Upgrade Communications
Where to find information?

Help.sap.com/ibp

Release Notes

SCN Link to IBP Upgrade Communication Process PPT: IBP Upgrade Planning

For patch releases of the software, SAP produces Release notes and Upgrade Notification email to communicate the updates and impact.
2018 Upcoming Planned Upgrades „Primary upgrade window“

**Primary Upgrade Window:** Default Upgrade timeframe during which systems will be scheduled for upgrade. Reschedule requests can be communicated to engage-ibp@sap.com or via customer support incident.

**SAP IBP 1802:**
- Applied to Customer Systems **February through March 2018**
- Planned Release to Hosting February 6, 2018

**SAP IBP 1805:**
- Applied to Customer Systems **May 11 to June 8, 2018**
- Planned Release to Hosting May 8, 2018

**SAP IBP 1808:**
- Applied to Customer Systems **August 10 to August 31, 2018**
- Planned Release to Hosting August 7, 2018

**SAP IBP 1811:**
- Applied to Customer Systems **November 9 to November 30, 2018**
- Planned Release to Hosting November 6, 2018

Future timings of upgrades are subject to change.

Thank you.

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IBP Customer Office US: john.lopus@sap.com
IBP Customer Office Europe: jesper.waaben@sap.com

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• ina.glaes@sap.com
• kenton.harman@sap.com
• michael.mack@sap.com
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