What’s New in SAP Integrated Business Planning

1711

SAP Product & Solution Management
November 15, 2017
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Agenda

- Solution Updates - SAP Integrated Business Planning 1711 (Released)
- SAP Best Practices for SAP IBP – 1711 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
Analytics and Exception Management
Kenton Harman
Dashboard and Chart buffering

Charts on dashboards and within the Analytic app can be cached after initial access

Allows users to maintain a static view of the data if needed

Improves the performance of the dashboard and navigation between the Dashboard and Analytics apps

Charts have a time stamp indicating when the data was last refreshed from the backend system
Dashboard and Chart buffering

The dashboard buffer is user and chart name specific

The analytics chart buffer is based on the user and chart parameters (key figures, group-by, and filter)

Buffering is enabled by default with the IBP 1711 version. It can be disabled by using the global parameter: ANALYTICS | BUFFERING : FALSE
IBP Excel Add-In 1711.2.0
Rainer Moritz
Sub Totals (1/2)

Possibility to use Subtotals within the Excel Planning View based on the selected attributes of the planning level.

You can decide if you want to see

- No Total - Works same as before
- Total Before – Lines with Totals is shown before the normal attribute values
- Total After – Lines with Totals are shown after the normal attribute values (see screenshot on next slide)
# Sub Totals (2/2)

## Sub Totals

**Last Refresh: 2017-Sep-22 14:11:14**

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<th>Feb 17</th>
<th>MAR 2017</th>
<th>Apr 17</th>
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<td>1.740</td>
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</tbody>
</table>
Changes to Sub Totals (1/2)

Using Sub Totals in the planning views opens up some questions regarding the possibilities and behaviour when the subtotal number are changed.

1. Totals are calculated in the backend (not in Excel). Hence, when changing a number on the planning view, then the total will only be updated after simulation or save.

2. You can do a reverse calculation from the Total to the individual key figure.
   Example Below: we changed the number of the Consensus Demand Total to 80000. After running the Simulation (Basic), the system updated the numbers of the Consensus Demand key figures accordingly.

![Example Table]

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Changes to Sub Totals (2/2)

Please Note: You can have changes on one level only in one simulation run.

Furthermore, it is not possible to change data on the total of the highest attribute in the planning level (in this case the product group).
Support Subnetworks / Planning Unit for Inventory Optimization

Background Jobs:
The Subnetworks are now available to be selected when starting an Inventory Optimization operator in Microsoft Excel.

Simulation of Inventory Operators:
In order to leverage the subnetwork during simulation runs of the Inventory Operators, you need to select them as Planning Scope in the Planning View Definition.

For further details, please refer to the inventory optimization documentation.
Explain Options for Supply

With 1711 we introduced the possibility to run an additional S&OP Operator that provides additional insights into the results of different supply results.

For example
- Demand not fully met
- Missed inventory targets
- Missed adjusted values

The selection is dependent on different master data attributes of the planning area.

For further details, please refer to the supply planning documentation.
S&OP Task Management

Open tasks that were assigned to your user, e.g. as part of an S&OP Process Step can now be visualized in the IBP Microsoft Excel Add-In.

Details presented later within the Sales & Operations Planning topic
Webinar Recording – Tips and Tricks in the IBP Excel Add-in:
http://sapnaevent.adobeconnect.com/pi9ugqtaplgo/
Demand Sensing

Rainer Moritz
Point-of-Sales (POS) Data in Demand Sensing

The demand sensing algorithm can now detect the correlation between POS (sales or stock) data and sales/shipment data and incorporate it in the short-term bias calculation that subsequently improves the sensed demand accuracy.

- POS-based optimization can run on sales and/or stock data
- POS data is an optional additional data input
- Integration of POS data in IBP is supported via, e.g. SAP Demand Signal Management tool (DSiM) and CPI-DS
- It is recommended to use POS data only when available in good quality. The lower the data quality, the lower the chance of creating any impact. However, it is possible that inadequate data quality result in misleading the algorithm in pattern recognition.
- POS data can be provided on day or weekly but the consumption of POS data will be only on the weekly level.
- It is recommended to have a minimum of 52 weeks of POS data to allow for sufficient pattern recognition.
Import POS Data via DSiM and HCI to IBP

- POS data must be first uploaded and harmonized in DSiM.
- Then the POS data will be aggregated to Product-Location-Customer-Week level by defining the mapping between POS MD and IBP MD.
- Aggregated POS data can finally be integrated and uploaded via CPI-DS (HCI) to IBP
- For further detail on specification of DSiM, please review Help portal for DSiM:
  
  [https://help.sap.com/viewer/eab8fd1726934516a89eabcded318b210/1705/en-US/d3763a56ee1ce021e10000000a4450e5.html](https://help.sap.com/viewer/eab8fd1726934516a89eabcded318b210/1705/en-US/d3763a56ee1ce021e10000000a4450e5.html)
Demand Planning
Rainer Moritz
Phase-out start dates, phase-out end dates and phase-out curves are defined in the Forecast Dates area of the detail screen in the Manage Product Lifecycle App.

- Define phase-out start dates and phase-out end dates:
- The Phase-Out Start Date is the point of time when the product is gradually sold less than in the maturity phase. This can e.g. happen if a successor product is already sold in the market.
- The Phase-Out End Date is the point of time when the product is not sold any more in the market. The forecast engine will not generate results after this point of time.
Assign user-defined phase-in/out curves:
User defined curves can be multiply assigned to values of the launch dimension directly using the “save as” function of a new curve.

Curves

<table>
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<tr>
<th>Type</th>
<th>Phase-In Curve</th>
<th>Name</th>
<th>Sublinear</th>
<th>Periods</th>
<th>Function</th>
<th>Fourth Power</th>
<th>Start Value in %</th>
<th>End Value in %</th>
<th>Value Label</th>
<th>OFF</th>
<th>Simulate</th>
<th>Save</th>
<th>Delete</th>
</tr>
</thead>
</table>

Value in Percentage

Save As

Name
New Saved Phase-In Curve

Assign Customer ID
- Electronics Print
- High Tech Superstore
- Media Deals

OK Cancel
Sales & Operations Planning
Raghav Jandhyala
New Fiori App for Managing Process Templates

- Gantt Chart View of Process Steps and Dependencies
- Time-zone setting for Processes running across multiple regions
- Calendar Workday Settings
- Improved Step Settings for Process Automations
Fiori App for Process Visualization and Monitoring

- Processes Overview Screen
- Quickly identify processes that need attention
- View Process Progress
- Manage Process Lifecycle
- Gantt Chart view of Sequential and Parallel Steps
- Task Monitoring
- Process Orchestration of Application Jobs
S&OP Task Management

Open tasks that were assigned to your user, e.g. as part of an S&OP Process Step or from SAP JAM can now be visualized in the IBP Microsoft Excel Add-In.

- Notification of Open Tasks
- Process and Process Step Details and Progress can be see as well.
- Task can be closed in Microsoft Excel.
- Tasks can be grouped and sorted by
  - Process
  - Priority
  - Due Date
Demo: New Process Management Fiori Apps
Shelf Life Visibility

- Capture batch information to track remaining shelf life and batch quantities
- Capture minimum-shelf-life requirement per customer demand
- Match batches to customer demands based on earliest expiring batches matched to Customers with highest shelf life requirements
- Visibility into expiring batches that need to be replenished or written off.
- Delivered as LCODE in Unified Planning Area – SAPIBP1
# Shelf Life Visibility: Example

## Batches

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<th>W42</th>
<th>W43</th>
<th>W44</th>
<th>W45</th>
<th>W46</th>
<th>W47</th>
<th>W48</th>
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Multiple Modes of Transport

- Allows to model multiple modes of transport between a customer product and a location product, or between two location products. For example, air, rail, road, sea.
- With this new function, you can, for example, model several transports with different lead times, quotas, lot sizes, or validities between the involved customer or location products. Both the heuristic and the optimizer support multiple modes of transport.

Cross-Plant Production (for Optimizer)

- Cross-Plant Production is now also supported by Optimizer in addition to Heuristic.
- Enables you to model successive production steps to be performed at different locations, without the need to create location sources of supply between two successive sub-locations.
Optimizer: Explanation of Results

- New parameter to run Optimizer in Explanation mode.
- After you have run the time-series-based supply planning optimizer, you can now display explanations for the following types of results:
  - Unsatisfied demands
  - Violated inventory targets
  - Violated adjusted values
- Possible explanations include, cost-related reasons (such as low non-delivery cost rates), resource-related reasons (such as missing capacity), or reasons related to lead times, for example.
- The explanation function must be enabled in the profile of the time-series-based supply planning optimizer.
- In the excel you can then select the Products/Locations/customers for which you want to get an explanation.
## Optimizer: Explanation of Results

### Issue

| Customer demand can't be fully satisfied (Requested amount: 100.000000, Fulfilled amount: 0.000000, Explair) | Sep-17 PRODUCT5 | 105 | Non-delivery cost rate of consensus demand is too low. |
| Customer demand can't be fully satisfied (Requested amount: 100.000000, Fulfilled amount: 0.000000, Explair) | Sep-17 PRODUCT5 | 105 | Resource Capacity of 0.000000 too low. Increase resource capacity at least by 50.000000. |
| Customer demand can't be fully satisfied (Requested amount: 100.000000, Fulfilled amount: 0.000000, Explair) | Sep-17 PRODUCT5 | 105 | Resource Capacity of 0.000000 too low. Increase resource capacity at least by 50.000000. |
| Customer demand can't be fully satisfied (Requested amount: 100.000000, Fulfilled amount: 0.000000, Explair) | Oct-17 PRODUCT5 | 105 | Non-delivery cost rate of consensus demand is too low. |
| Customer demand can't be fully satisfied (Requested amount: 100.000000, Fulfilled amount: 0.000000, Explair) | Oct-17 PRODUCT5 | 105 | Resource Capacity of 0.000000 too low. Increase resource capacity at least by 50.000000. |
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Business Network Collaboration
Ralf Heimburger & Rajwinder Singh
New Planning Key Figures to Support Multi-tier Collaboration with Ariba Supply Chain Collaboration

- **Target Stock Level Time Series** *(IBP to Ariba using cXML_ProductActivityMessage_Out)*
  - Specifies the stock level that a buyer expects the supplier to maintain

- **Component Forecast Time Series** *(Ariba to IBP using cXML_ProductReplenishmentMessage_In)*
  - Provides information about the forecast that your suppliers have sent to their suppliers

- **Purchase Order Time Series** *(Ariba to IBP using cXML_ProductReplenishmentMessage_In)*
  - Provides information about the purchase orders that your suppliers have placed with their suppliers

**Remark:**

All key figures can be directly routed to the supplier’s back-end system through the Ariba Network.

The above key figures are currently not visible on the Ariba Supply Chain Collaboration UI.
Shared Data Tracking

- Track the evolution of forecast key figure values that are exchanged with suppliers.
- Key figures can be tracked, irrespective of whether they are published to a supplier or received from a supplier.
- History key figures can be viewed in the Change History View.
Inventory Optimization
Alexis Lozada
Time-Varying Days of Supply Outputs

• Time-varying days of supply for safety stock and on-hand stock, used to calculate average shelf-life, freshness, etc. for shelf-life analytics.

• Ability to create inventory tunnel alerts that provide upper and lower limits on the Inventory days of supply.

• New Outputs:
  • IOAVGONHANDDAYSOFSUPPLY
  • IOENDONHANDDAYSOFSUPPLY
  • IOSAFETYSTOCKDAYSOFSUPPLY
  • IOTGTONHANDDAYSOFSUPPLY
  • IOENDONHANDSTOCK

• New days of supply output key figures measure the number of periods of PROPAGATEDDEMANDMEAN covered by the inventory output key figure.

• For a hybrid node with dependent and independent demand with safety stock allocation policy set to ‘I’, IOFORECAST key figure is used as demand.
### Time-Varying Days of Supply Outputs: Example for Target On Hand Stock

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<th>5</th>
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<th>7</th>
<th>8</th>
<th>9</th>
<th>10</th>
</tr>
</thead>
<tbody>
<tr>
<td>Propagated Demand Mean</td>
<td>10</td>
<td>20</td>
<td>30</td>
<td>40</td>
<td>50</td>
<td>60</td>
<td>70</td>
<td>80</td>
<td>90</td>
<td>100</td>
</tr>
<tr>
<td>Target On Hand Stock</td>
<td>34</td>
<td>58</td>
<td>92</td>
<td>126</td>
<td>160</td>
<td>194</td>
<td>229</td>
<td>263</td>
<td>297</td>
<td>332</td>
</tr>
<tr>
<td>Target On Hand Stock Days of Supply</td>
<td>14.7</td>
<td>15.4</td>
<td>16.8</td>
<td>18.2</td>
<td>18.9</td>
<td>19.6</td>
<td>20.3</td>
<td>20.3</td>
<td>21.7</td>
<td>24.5</td>
</tr>
</tbody>
</table>

Example Assumptions:
- First in first out
- Individual item location
- PBR (week) = 1
- Lead Time (week) = 1
- Max Shelf Life (week) = 4

On Hand Stock of 34 units covers for demand in periods 1, 2 and a fractional portion (0.1) in period 3 (10 + 20 + 4), resulting in Target On Hand Stock (Weeks) equal to 2.1. The app then transforms 2.1 weeks into 14.7 days.
Calculate Target Inventory Components - Across Entire Supply Chain

- **TLEADTIME**
- **TMINLOTSIZE**
- **TINCLOTSIZE**
- **PLEADTIME**
- **PMINLOTSIZE**
- **PINCLOTSIZE**

- **PBR, PLUNITID**
- **INVENTORYHOLDINGCOSTRATE**
- **RECOMMENDEDSAFETYSTOCK**
- **IOMINIMUMSTOCKREQUIREMENT**

- **TRATIO**
- **PRATIO**
- **OUTPUTCOEFFICIENT**
- **COMPONENTCOEFFICIENT**
- **LOCATIONRATIO**
- **PRODUCTIONRATIO**
- **OUTPUTCOEFFICIENT**
- **COMPONENTCOEFFICIENT**

WKPRODLOC (PRID, LOCID, WEEK)

- **IOTARGETCYCLESTOCK**
- **IOAVGCYCLESTOCK**
- **IOTARGETPIPELINESTOCK**
- **IOAVGPIPELINESTOCK**
- **IOMERCHANDISINGSTOCK**
- **IOTARGETONHANDSTOCK**

- **IOAVGONHANDSTOCK**
- **ROP**
- **IOTARGETVENDORTRANSITSTOCK**
- **IOAVGVENDORTRANSITSTOCK**
- **PROPAGATEDDEMANDMEAN**
- **IOTARGETINPROCESSSTOCK**

- **IOAVGINPROCESSSTOCK**
- **IOTARGETVENDORTRANSITSTOCK**
- **IOAVGVENDORTRANSITSTOCK**
- **IOTARGETVENDORTRANSITSTOCK**
- **IOAVGONHANDDAYSOFSUPPLY**
- **IOTGTONHANDDAYSOFSUPPLY**

- **IOTARGETINPROCESSSTOCK**
- **IOAVGINPROCESSSTOCK**
- **IOTARGETVENDORTRANSITSTOCK**
- **IOAVGVENDORTRANSITSTOCK**
- **IOTARGETVENDORTRANSITSTOCK**
- **IOAVGONHANDDAYSOFSUPPLY**

- **IOTARGETVENDORTRANSITSTOCK**
- **IOTARGETVENDORTRANSITSTOCK**
- **IOAVGVENDORTRANSITSTOCK**
- **IOTARGETVENDORTRANSITSTOCK**
- **IOAVGONHANDDAYSOFSUPPLY**
- **IOTGTONHANDDAYSOFSUPPLY**
Planning Unit filtering for end-to-end Inventory Operators

- Scenario planning with improved performance with narrower scope of locations and products.
- Users from one Planning Unit will not change the inventory recommendations for users from another Planning Unit (supported by Visibility Filters app).
- Planning Units supported in Application Jobs and Excel UI for Operators: Multi-Stage, Single-Stage, Inventory Components and Lost Demand.
How Planning Unit filtering sections the Supply Chain for Inventory Optimization – Case 1: Sourcing from a different planning unit

• For Planning Unit A, algorithms calculate Inventory Outputs including all inputs over the arc and node connected to Planning Unit B.
  • In this case, all input attributes as key figures and key figures from Node C and arc connected to Node A.
  • Results are only written back to nodes and sourcing in Planning Unit A.
• For Planning Unit B, algorithms calculate Inventory Outputs ignoring demand coming from Node A in Planning Unit A.
  • If both planning units are selected simultaneously, then the demand from Node A will be considered at Node C.
How Planning Unit filtering sections the Supply Chain for Inventory Optimization – Case 2: Components from Different Planning Units

- For Planning Unit A, algorithms calculate Inventory Outputs including all inputs over the arc and node connected to Planning Unit B.
- In this case, all input attributes as key figures and key figures from Node C and arc connected to Node A.
- Results are only written back to nodes and sourcing in Planning Unit A.
- For Planning Unit B, algorithms calculate Inventory Outputs ignoring demand coming from Node A in Planning Unit A.
- If both planning units are selected simultaneously, then the demand from Node A will be considered at Node C.
- Algorithms calculate Inventory Outputs for all sourcing nodes B, C and E, independent of Planning Unit.
Planning Unit filtering: Configuration

- SAP3 sample model includes new Master Data Type PLANNINGUNIT:

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Name</td>
<td>Planning Unit</td>
</tr>
<tr>
<td>Description</td>
<td>Planning Unit</td>
</tr>
<tr>
<td>Master Data Type</td>
<td>Simple</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Attributes</th>
<th>Key</th>
<th>Reqd</th>
</tr>
</thead>
<tbody>
<tr>
<td>PLUNITID</td>
<td>Y</td>
<td>Y</td>
</tr>
</tbody>
</table>

- LOCATIONPRODUCT Master Data Type requires addition of PLUNITID attribute.

- All PRODLOC Planning Levels require addition of PLUNITID attribute to LOCATIONPRODUCT Master Data Type.
Support Multiple Transportation Modes

• Create and add to planning area simple master data type MODEOFTRANSPORT with MOTID (integer) as root (and MOTDESCR as non-root nvarchar – optional).

• Update SOURCELOCATION to include MODEOFTRANSPORT in the compound and add MOTID as root.

• Create new planning level WKPRODLOCLOCFRMOT and switch all key figures from WKPRODLOCLOCFR to the new planning level
  • Assign MOTID as a root.
  • When switching key figures the new planning level WKPRODLOCLOCFRMOT, change planning level both for Base Planning Level and at the Request level.

• Optional for existing clients - Run the operator that purges non-compliant (outdated) planning objects.
Enhancements to Fiori Supply Chain Network Application

- Ability to filter Time Period Type to display Key Figure values for a.
- Select Period Type defined in the selected Planning Area Time Profile.
- Select corresponding From/To Period Descriptions.
- Heatmap legend and Pop-Up Tooltip over Arcs/Nodes display time-specified Key Figure values.
- Edit and save edits for existing charts.
  - Make changes to Versions, Customer, Product ID, Key Figure, Period Type and/or From/To.
  - Render edited chart.
  - Save edited chart.
Order-based Planning
Claus Bosch & Michael Mack
Enhancements in order based planning

Manual changes to planning results in Microsoft Excel – live DEMO

Periodic integration with SAP S/4HANA (on premise) for order-based planning

Support full delivery indicator for sales order line items

Best practice package for response management

Deployment Planning

- Selective integration of deployment results into SAP ERP
- Flexible available to deploy definition
Use cases for manual adjustments

Planners like to adjust planning results of batch planning runs because user has more insight than the raw numbers in the system.

Use cases:

- Produce earlier to utilize the capacity
- Order more components from supplier
- Distribute products earlier to have a full truck

With feature manual adjustments in IBP Response and Supply it is possible to adjust production and distribution plans in IBP Excel.
Manual Adjustment – demo scenario

Situation: All demands are 100% confirmed in time. Production and Transport is scheduled closest to requested demand date.

Business user knows about an potential strike at production plant. Thus planner likes to produce at earlier date.
Customer Testing
3-days in person workshop

We’d like to invite you to a in-person, hands-on customer testing workshop covering following topics:

- **Deployment**
- **SAP IBP Built-in Integration to SAP ERP (via SDI)**
- **Business Network Collaboration (SAP IBP- SAP Ariba)**
- **Time series based Supply Planning in SAP IBP**

**WHEN:** Tuesday, February 6th – **Thursday** February 8th, 2018

**WHERE:** SAP Labs Palo Alto, US

**Benefits:**

- Customers can benefit from immediate help and guidance during the test, feedback can be discussed directly, and questions can be clarified promptly
Partner Testing
3-days in person workshop

We’d like to invite you to a in-person, hands-on customer testing workshop covering following topics:

- **Deployment**
- **SAP IBP Built-in Integration to SAP ERP (via SDI)**
- **Business Network Collaboration (SAP IBP - SAP ARIBA)**
- **Time series based Supply Planning in SAP IBP**

**WHEN:** Tuesday, January 30th – **Thursday** February 1st 2018

**WHERE:** SAP Labs Palo Alto, US

**Benefits:**
- Participants can benefit from immediate help and guidance during the test, feedback can be discussed directly, and questions can be clarified promptly
Next steps

**Up to you**
- Final confirmation from your side **by December 29th 2017** via Mail to michael.mack@sap.com
- If you want to invite colleagues in your organization, send us their names
- Feedback on which areas you are interested in testing:
  - Deployment
  - SAP IBP Built-in Integration to SAP ERP (via SDI)
  - Business Network Collaboration (SAP IBP - SAP ARIBA)
  - Time series based Supply Planning in SAP IBP

**Up to us**
- Information on detailed location, room and detailed agenda
- We can provide you with a list of hotels nearby
SAP Best Practices for SAP IBP – 1711 Update
Thomas Fiebig
SAP Best Practices for SAP Integrated Business Planning

Where to get it

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

Use the following assets:
- Test scripts
- Process flow diagrams
- Scope item recordings
- Configuration guides
- Excel planning view templates
- Sample data CSV files
# SAP Best Practices for SAP Integrated Business Planning

## What it can do for you

<table>
<thead>
<tr>
<th>Use case</th>
<th>Sample planning area</th>
<th>Documentation Test scripts, configuration guides</th>
<th>Technical content Sample data, planning views</th>
<th>Implementation service</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Study</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Educate yourself and leverage reference material.</td>
<td>![Use as delivered]</td>
<td>![Use as delivered]</td>
<td>![No use]</td>
</tr>
<tr>
<td><strong>Training</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Educate project members, key users, and end users.</td>
<td>![Use as delivered]</td>
<td>![Use as delivered]</td>
<td>![No use]</td>
</tr>
<tr>
<td><strong>Demonstration</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Sell it to your clients and demonstrate the capabilities of SAP Integrated Business Planning in a process-oriented way.</td>
<td>![Use as delivered]</td>
<td>![Use as delivered]</td>
<td>![No use]</td>
</tr>
<tr>
<td><strong>Proof of concept or pilot project</strong></td>
<td>Evaluate SAP Integrated Business Planning and build a solution that fits your client’s requirements.</td>
<td>![Use as delivered]</td>
<td>![No use]</td>
<td>![Use as delivered]</td>
</tr>
<tr>
<td><strong>Implementation project</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Roll out SAP Integrated Business Planning in your client’s organization and set it into productive use.</td>
<td>![Use as delivered]</td>
<td>![Use as delivered]</td>
<td>![No use]</td>
</tr>
</tbody>
</table>

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New scope and changes in V9.1711

- Technical upgrade to SAP Integrated Business Planning 1711
- The new 'IBP for response and supply – supply and allocations planning' scope item adds order-based planning to the unified planning process
- Sample planning area SAP74 is used for order-based supply planning, data is copied between planning areas SAP74 and SAPIBP1 with disaggregation operator
IBP for response and supply – supply and allocations planning

Process flow

Demand Planning
- Global Demand Plan
- Demand Sensing
  - Sensed Demand

Demand Sensing
- Review Priority Rules, Forecast and Constraints
  - Unconstrained Forecast
  - Constrained Forecast
- Run Constrained Forecast
- Check Alerts and Identify Bottlenecks
  - Constrained Forecast
- Create Different Supply Plan Versions
  - Constrained Forecast
- Create Product Allocation Plan
  - Product Allocation Plan
- Analyze Supply and Allocations Planning
  - Constrained Forecast, Product Allocation Plan
- Available-to-Promise Check
  - Sales Order Confirmations
- Operational Planning & Execution Processes
WEBINAR: SAP Best Practices for SAP IBP - 1711 Update
November 28th at 10 AM EST

Don’t miss to join!

Please register using this link:

What we will cover during this webinar:
• Overview of new SAP Best Practices content in 1711
• New scope item 'IBP for response and supply – supply and allocations planning' adds order-based planning to the unified planning process
• How to get started with SAP Best Practices
• Q&A
Further Enhancements

Rainer Moritz
Mandatory task after upgrade

**TSCHANGEIDFR and TSCHANGEIDDTO cannot be used as attribute IDs.** This is to ensure that change history can be enabled for a planning area later on.

This change does not affect the already existing configuration. However, if the TSCHANGEIDFR or TSCHANGEIDDTO attributes exist in your system, and you want to change them, you must create a customer incident for it.
Planning Operators

Enhancements to the **COPY operator**

- **CLEAR_KF_VALUES**: This parameter clears the value of the target key figure, that is, it sets the value to null.
- **PARALLEL_MODE**: To improve system performance, you can also run the operator in parallel mode, which doesn't take into account any dependencies between key figure values.

Enhancements to the **DISAGG operator**

The Disaggregation (DISAGG) operator has been enhanced so that it can now be used to disaggregate data between planning areas in the same system, which means that you can **use the DISAGG operator to copy key figure data from one planning area to another**.

- The parameter **CREATE_NO_PLANNING_OBJECTS** is now available for the Disaggregation (DISAGG) operator. This optional parameter specifies that you do not want to create missing planning objects during the process of copying key figure data from one planning area to another.
Administration - Tracking Changes to Personal Master Data

The new View Personal Master Data Changes app allows administrators to track and view changes to master data records that contain personal data (e.g. name, date of birth, email address, …)

The new Data Linked to Users app allows administrators to display a list of all system data that is related to a specific user in the system. To use the new app, you need to add the business catalog SAP_IBP_BC_PDV_PC to the relevant business role.

You can define master data type attributes as “personal data” in the Master Data Types app.

Retention Time:
The default retention time for recorded changes is 90 days. You can increase or decrease the default retention time by using the global configuration parameter PERSONAL_DATA_CHANGE_LOG_AGE.
Configuration

The **Master Data Types app** has been enhanced. The following are now available:

- Checkbox for marking attributes as personal data
- Master data type (MDT) copy is executed with consistency checks for the new MDT

The **Application Logs app** now offers tags that allow you to search for any log item related to the objects or sub objects of an application.
**Miscellaneous**

- **ABC/XYZ Segmentation** can be executed on aggregated level
  - E.g. you can run segmentation on level Product-Customer Group and store the segmenting results on lower level Product-Customer (each customer gets the segment of its customer group assigned).

- You can now **share your planning filters** by assigning them to other users or user groups.

- **Hebrew** is available as system language in IBP 1711 and in the new IBP Excel add-in.
# Documentation – New Filter Functionality

~ What’s new in 1711, and what you need to do after the upgrade from 1708?

> Read me: How to find the changes you need to know?

Table 1: What’s New in 1711

<table>
<thead>
<tr>
<th>Business Topic</th>
<th>Type</th>
<th>Target Group</th>
<th>Impact</th>
<th>What’s New</th>
<th>More Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cross applications</td>
<td>New/enhanced</td>
<td>Administrator</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>expert</td>
<td></td>
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</tr>
<tr>
<td></td>
<td></td>
<td>Business user</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>IBP Excel add-in</td>
<td>New/enhanced</td>
<td>Administrator</td>
<td></td>
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<tr>
<td></td>
<td></td>
<td>expert</td>
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<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Business user</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Select All**
- Remove Filter
- Application job
- Global configuration parameter
- Global parameter
- IBM Excel add-in
- Integration
- Model configuration
- New SAP Fiori app
- Planning operator
- Product catalog
- Web UI

- You can now display totals based on
Innovation Discovery incl detailed content e.g. for consultants

Link to Innovation Discovery:
https://zinnovationdiscovery-supportportal.dispatcher.hana.ondemand.com/#/innovations/searchid=0090FABF323E1ED6939F322BE038E0CA

- Select an IBP Innovation
- Scroll Down to Product Features
- Open Product Feature
- Find presentations with detailed information, around configuration and usage at the bottom
Roadmap

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

1711 roadmap version available soon!
IBP Support Newsletter

We recommend that you sign up to this newsletter if you want to receive information on

- Support News
- New KBAs & Notes
- New Wiki Pages
- …

You can subscribe/unsubscribe for the newsletter directly from KBA 2445475.

https://launchpad.support.sap.com/#/notes/0002445475

Friday, 21st August 2017

SAP SCM Proactive Support Newsletter- IBP

Dear interested party,

This edition of SCM Proactive Support Newsletter for IBP informs you about recent known issues/fixes in this area and some new interesting KBAs. Please have a closer look at our new support channel "Expert chat" in the SAP IBP Hotnews section below.

Kindly review all the HCI Export Tasks and follow the guidelines listed in the following KBA. This should be done with highest priority to avoid any performance issues and ensure optimal usage of the resource/CPU/Memory consumption.

- IBP- HCI Integration - Best Practices for extracting data out of IBP
  ➔ See KBA 2493042

Please feel free to distribute this newsletter within and outside your organization. You can subscribe/unsubscribe for the newsletter directly from KBA 2445475.

Sincerely,
Your SAP SCM Support Team
Customer Availability Center & Customer Influence Center

John Lopus
SAP’s Customer Influence Framework
Connecting customers with development throughout the product lifecycle

**SAP Customer Engagement Initiative**
Discuss with customers and partners planned functionality to gain valuable input during development phase

**SAP Beta Testing**
- Customers can validate and test SAP’s upcoming, soon-to-be-released products and provide feedback for future releases.
- Working closely with the SAP team, participants review the software, get an insight on new products or functions, conduct test sessions, and provide feedback for future releases.

**SAP Customer Connection**
Time limited project to collect ideas for products in maintenance mode

**Continuous Sessions**
Continuous collection and delivery of ideas for growth products

**SAP Early Adopter Care**
Give customers a direct channel to SAP for a successful implementation project allowing stakeholders to react to and minimize project risk

* These services complement SAP support services, and are available to all customers with a valid SAP license and maintenance contract. Please note that not all services are available for all SAP products.
Customer Influence – SAP IBP’s tool for collaboration
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

Direct Link to new Project Space for IBP on INM
(https://influence.sap.com/IBP - click here)

Activate to follow the session and get session updates, new IRs, blog updates…
How it works for customers

Integrated Business Planning continuous influence session is now 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 5 company votes is decided
Review cycle will be twice per year

- 1st review in November 2017
- Next review in April 2018

*Minimum # of votes can be different in Continuous Sessions (Product Owner’s decision)
Integrated Business Planning Session

Will open a list of all improvement requests submitted for IBP

Collapse menu

Areas of Interest

Submit Impr Request
Create an Improvement Request on INM

- Project name is a mandatory field and is prefilled by default
- Idea title must be given
- [Choose a pertinent Category]
- Idea description is essential, so that other users can understand and support the idea
- Optional:
  - Add Image to your improvement request
  - Upload Attachment(s)
  - Use tags
- Actions
  - Submit
  - Save as Draft
  - Close

To prevent from duplicates, similar idea titles will be matched during creation. Click on the search icon to show matching results, so that you can decide to rather vote for an existing idea instead.
Review existing Improvement Request (IR)

**Improvement request details:**
- Improvement Request status
- Improvement Request statistics, providing figures on likes, comments, tags, views
- Improvement Request detail sections
  - Attachments
  - Comments – read/leave a comment to the IR
  - Votes – list of subscribed companies
  - Related Ideas – lists similar IRs related to the current one
  - Activities – a journal, which documents changes on the IR
- Action icons
  - Follow
  - Vote for the improvement request
  - Register for contribution Participate actively
- Action buttons
  - Create (new IR)
  - Copy IR
  - Contact (IR owner)
Fall 2017 Review Update

- **125+** Improvement ideas submitted as of November 13
- Over **40** of your ideas currently in Review
- More the **70** companies have voted
- Review cycle will complete this month
- System is continuously open for your ideas and to vote to support ideas from other customers
Information on Upgrades

John Lopus
IBP Release Timeline

On-Demand

IBP 1702
IBP 1705
IBP 1708
IBP 1711
IBP 1802
IBP 1805

2017
Feb
Jun
Aug
Nov
Feb
May

Note: All future planned releases dates are subject to change.
Upgrade Communications
Where to find information?

Help.sap.com/ibp

SCN Link to IBP Upgrade Communication Process PPT: IBP Upgrade Planning
For patch releases of the software, SAP produces Release notes and email to communicate the updates and impact.

Prior to Upgrade
Customer Notification
Important Notes, & Date confirmation

Dear SAP Integrated Business Planning Customer,
We are contacting you as you are designated as a System Administrator
Contact for SAP Integrated Business Planning at

For more information on the new features and any upgrade considerations please see What’s New in the Webinar and Listen to the “What’s New” webinar.

Please find below the planned upgrade dates for your SAP Integrated Business Planning system(s) to SAP Integrated Business Planning:

Tenant Type | Tenant UIR | Upgrade Time
---|---|---
Test | [URL] | 2017-04-07, 22:00 UTC
Test | [URL] | 2017-04-07, 22:00 UTC
Production | [URL] | 2017-04-07, 22:00 UTC

System Administrators will be informed upon the successful completion of the upgrade via email Upgrade Window: Friday 10 PM Local Time (EST/CET) to Monday 3 AM Local Time (EST/CET) Expect your systems to be unavailable during this period. This is consistent with the contracted maintenance silo.

Please do not reply to this email. If you have any upgrade scheduling questions, please open a support ticket (SAP Support) or contact david.kahn@sap.com

Best regards,
Your SAP Integrated Business Planning Team
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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• ralf.heimburger@sap.com