What’s New in SAP Integrated Business Planning

SAP Product & Solution Management
May 23, 2017
Legal Disclaimer

The information in this presentation is confidential and proprietary to SAP and may not be disclosed without the permission of SAP. This presentation is not subject to your license agreement or any other service or subscription agreement with SAP. SAP has no obligations to pursue any course of business outlined in this document or any related presentation, or do develop or release any functionality mentioned therein. This document, or any related presentation and SAP’s strategy and future developments, products and or platforms directions and functionality are all subject to change and may be changed by SAP at anytime for any reason without notice. The information in this document is not a commitment, promise or legal obligation to deliver any material, code or functionality. This document is provided without a warranty of any kind, either express or implied, including but not limited to, the implied warranties of merchantability, fitness for particular purpose, or non-infringement. This document is for informational purposes and may not be incorporated into a contract. SAP assumes no responsibility for errors or omissions in this document, except if such damages were caused by SAP’s willful misconduct or negligence.

All forward-looking statements are subject to various risks and uncertainties that could actual result to differ materially form expectations. Readers are cautioned no to place undue reliance on these forward-looking statements, which speak only as of their dates, and they should not be relied upon in making purchasing decisions.
Agenda

- Solution Updates - SAP Integrated Business Planning 1705 (Released)
- Documentation Updates
- SAP’s Customer Influence Program
- Upgrade Planning
- 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
Kent Harman
IBP Analytics

- New Analytics app based on Fiori design
- Definable chart options like colors and configurable axis
- Charts based on versions and scenarios
- Key figure filters to remove data from a chart
- Contextual navigation to Excel
- New chart types Scatter and 100% stacked bar and column
- New drilldown design allows definition of different drilldown paths and selection multiple data
- Support for mobile usage
IBP Dashboards

- New Dashboard app based on Fiori design
- Dashboard filters to restrict data for all charts on a dashboard
- Multiple process management instances on a single dashboard
- Support for mobile usage
Upgrade and Migration

• In the IBP 1705, both versions of Analytics will be available. Customers can choose to continue with the older version or begin to use the new version.

• During upgrade all existing charts and dashboards will be migrated to the new analytics objects. Any changes made after the migration are not automatically synchronized and will require re-migration.

• The new apps will need to be added to the Fiori Launchpad

• With the 1708 release, the older Analytics will be discontinued
The Supply Planning Optimizer now supports Production Lead Times:

- Optimizer uses the same attributes and key figures as S&OP Heuristic to model Production Lead-Times
- Master Data Type : SOURCEPRODUCTION
- Production Lead Time (PLEADTIME - Integer) : Specifies the duration of the production lead time as a number of planning periods
- Capacity Consumption Policy (PCAPACONSPOLICY - Integer): Defines how the capacity consumption is modeled within the production process
- Master Data Type : PRODUCTIONSOURCEITEM
- Component Offset (COMPONENTOFFSET) : Specifies an offset for each component that defines the planning period in which the component is consumed by the production process.
- Key figure Component Work in Progress (COMPONENTTWIP) and the corresponding downstream key figure COMPONENTTWIPDS to document for each component and each period how many units of a component are released to an ongoing production process.
Time-series-based supply planning optimizer: Production Lead Time (2/2)

- Master Data Type: PRODUCTIONRESOURCE
- Resource Capacity Consumption Offset:
  - Resource Capacity Consumption offset supersedes the Capacity Consumption policy
Enhanced business logging for supply planning operators

Simplification and improvement of time-series-based supply planning operator logs or messages

- New business logging for the time-series-based supply planning operators
- Enhanced logs and messages in the SAP Integrated Business Planning, add-in for Microsoft Excel
- Easier sorting by message types and master data for improved the user experience
Business Network Collaboration
Pramod Mane & Raj Singh
Supply Side Collaboration with Forecast Commit

IBP Business network collaboration enables you to collaborate with external partners like suppliers via message based integration to the SAP Ariba Supply Chain Collaboration platform.

**Forecast Commit**

- Unconstrained demand in IBP is send to suppliers who are on-boarded on the SAP Ariba Supply Chain Collaboration platform.

- Supplier commits forecast and sends it to SAP Integrated Business Planning.

**Integration with SAP Ariba Supply Chain Collaboration**
Data Sharing Plan Management

A new app is available on the Fiori Launchpad to ‘Manage Data Sharing Plans’. Within the app, you set up a data sharing plan, which provides the framework for sharing your data.

For example

• What information is shared with external partners?
• Which partners are taking part in the collaboration process?
• How is the information shared?

App Key Features

• Create and manage data sharing plans
• Create and manage data sharing arrangements
• Map your source and target data structures
Data Sharing Plan Management

Data Sharing Plan

• An agreement between business partners that governs what data is shared, with whom and how.

• Plan Types:

  Provider plan: A type of data sharing plan that identifies the associated business partner as the provider of the data. For e.g. Publish Supplier Forecast

  Consumer plan: A type of data sharing plan that identifies the associated business partner as the consumer of the data. For e.g. Receive Supplier Commit

• One data sharing plan generally contains several data sharing arrangements. Each arrangement typically with one external business partner. A data sharing plan may also have multiple mappings defined
Data Sharing Plan Management

Data Sharing Arrangement:

- An agreement that governs the mode and scope of collaboration with business partner.
- It consists of Sharing Mode, Communication Arrangement, Mapping and Visibility filter. For example, a customer who sources products from different suppliers would define one data sharing arrangement for each supplier.
- Sharing Mode: XML, Email (future) or Direct (future)

Data Sharing Mapping:

- Establishes the link or mapping between Source and target for transformation to target data format
- For the Provider plan type the Source is Planning Area and Target can be either cXML, another planning area (future) or csv file (future) depending on the sharing mode.
- For the Consumer plan type the Source may be CXML or XML or csv file and Target is the planning area.
# Data Sharing Mapping

## FIELD MAPPING

<table>
<thead>
<tr>
<th>Source Category</th>
<th>Source Field</th>
<th>Target Field</th>
<th>Target Field Path</th>
<th>Mandatory</th>
</tr>
</thead>
<tbody>
<tr>
<td>TIME_LEVEL</td>
<td>PERIODID</td>
<td>$TOSTIME_LEVEL$</td>
<td>/<em>XMLMessage[@deploymentMode='production']/ProductActivityMessage/e/ProductActivityDetails/Contact[@role='locationTo']/Name[@xml:lang]</em>/</td>
<td>X</td>
</tr>
<tr>
<td>ATTRIBUTE</td>
<td>LOCTODESCR</td>
<td>BUYER_LOCATION_DESC</td>
<td>/<em>XMLMessage[@deploymentMode='production']/ProductActivityMessage[e/ProductActivityDetails/Contact[@role='locationTo']/Reference[@domain='buyer:LocationID']]/@identifier</em>/</td>
<td>x</td>
</tr>
<tr>
<td>ATTRIBUTE</td>
<td>LOCto</td>
<td>BUYER_LOCATION_ID</td>
<td>/<em>XMLMessage[@deploymentMode='production']/ProductActivityMessage[e/ProductActivityDetails/Description[@xml:lang]</em>/</td>
<td>x</td>
</tr>
<tr>
<td>ATTRIBUTE</td>
<td>PRODESCR</td>
<td>BUYER_PART_DESCRIPTION</td>
<td>/<em>XMLMessage[@deploymentMode='production']/ProductActivityMessage[e/ProductActivityDetails/ItemID/BuyerPartID]</em>/</td>
<td>x</td>
</tr>
<tr>
<td>ATTRIBUTE</td>
<td>PROID</td>
<td>BUYER_PART_ID</td>
<td>/<em>XMLMessage[@deploymentMode='production']/ProductActivityMessage[e/ProductActivityDetails/Timeseries[@type='orderForecast']/ForecastPeriod[@endDate]</em>/</td>
<td>x</td>
</tr>
<tr>
<td>TIME_ATTR</td>
<td>TSTTO</td>
<td>FORECAST_END_DATE</td>
<td>/<em>XMLMessage[@deploymentMode='production']/ProductActivityMessage[e/ProductActivityDetails/Timeseries[@type='orderForecast']/ForecastStartDate[@endDate]</em>/</td>
<td>x</td>
</tr>
<tr>
<td>TS_DATA</td>
<td>SUPPLIERFORECASTDAYS</td>
<td>FORECAST_QUANTITY</td>
<td>/<em>XMLMessage[@deploymentMode='production']/ProductActivityMessage[e/ProductActivityDetails/Timeseries[@type='orderForecast']/ForecastStartDate[@endDate]</em>/</td>
<td>x</td>
</tr>
<tr>
<td>TIME_ATTR</td>
<td>TSTFR</td>
<td>FORECAST_START_DATE</td>
<td>/<em>XMLMessage[@deploymentMode='production']/ProductActivityMessage[e/ProductActivityDetails/Timeseries[@type='orderForecast']/ForecastStartDate[@endDate]</em>/</td>
<td>x</td>
</tr>
<tr>
<td>DS_ATTRIB</td>
<td>HDR_MY_COMPANY_AN_ID</td>
<td>FROM_NETWORK_ID</td>
<td>/<em>XMLMessage[Header/From/Credential[@domain='NetworkID']]/Identity</em>/</td>
<td>x</td>
</tr>
<tr>
<td>DS_ATTRIB</td>
<td>HDR_VENDOR_ID</td>
<td>TO_VENDOR_ID</td>
<td>/<em>XMLMessage[Header/To/Credential[@domain='VendorID']]/Identity</em>/</td>
<td>X</td>
</tr>
</tbody>
</table>
New Sample Collaboration Planning Area

A new sample planning area SAP4C is available which illustrates:

1. How Business Partner entity is modeled with Supplier and Customer Extensions
2. Ability to view relevant key figure data in the context of External partner. For e.g. Total Supplier Forecast sourced and Supplier commit from Supplier
Demo

Business Network Collaboration
• Unconstrained supply planning is run for the Finished goods demand. Demand is propagated through the network, with BOM explosion generating net material forecast for components.
• The Customer (Buyer) transmits the unconstrained component forecast to the Suppliers/CM (time series data)
• The Supplier receives forecast, reviews and publishes forecast commit back (confirmed quantities – supplier commit) back to the OEM (Buyer)
• The Customer (Buyer) receives commits from all Suppliers/CM, analyzes alerts/reports for variances, performs scenario planning to resolves issues and makes adjustments
• The Customer (Buyer) publishes Constrained Forecast
Supply Chain Network for ACME Company

- **DC101**: 
  - Customer 101
  - Business Partner: Customer 101
  - Product1, Product2

- **DC102**: 
  - Customer 102
  - Business Partner: Customer 102
  - Product1, Product2

- **Plant 101**: 
  - Resource1, Resource2
  - Supplier 101
  - Component 1
  - Component 2
  - Component 3

- **Plant 102**: 
  - Resource1, Resource2
  - Supplier 102
  - Component 2

- **Business Partner: My Company**
Enhanced Multistage Inventory Optimization Simulation

- Enables users to schedule inventory-optimization activities in batch mode, in which long-running simulations can be scheduled without having to maintain connection with Microsoft Excel.
- Ability to simultaneously schedule multiple scenarios to perform sensitivity analyses.
Modeling of Assemble-To-Order/Make-To-Order

• Users to model customer-facing product location nodes as non-stocking, i.e. do not carry inventory.
• Inventory operators to then consider the nodes to be make-to-order or assemble-to-order requests and to then propagate the demand, demand variability, and service-level requirements to up-stream stocking product-location nodes.
• Handling of multiple levels of non-stocking nodes.

Benefits:
• Adaptability to make-to-order and assemble-to-order supply chain networks, for instance, supply chains with variant configurations in the auto industry.
• Appropriate calculation of safety-stock requirements at up-stream stocking nodes with propagated demand, demand variability, and service levels from customer-facing product-location nodes.
Response Management
Claus Bosch / Michael Mack
Application “Analyze Supply Usage” (1/2)

• As a supply planner you want to get an overview of component supply you are responsible for and how it is used by with respect to primary demands

• The application Analyze Supply Usage supports use cases such as
  • High-priority demands covered by unsafe supply
  • Low-priority demands covered by order supply or stock
  • Unused supply
  • Competing demands on the short-term horizon
Application “Analyze Supply Usage” (2/2)

• You can filter component supply by material, location, supply type, date horizon or any other supply attribute.

• You can filter primary demands by material, location, customer number or any other primary demand attribute.

• Additionally you can define whether you want to see only pegged supply, only unpegged Supply or both.
Response Management Settings

Version specific key figures

Put version specific key figures for:

- Forecast
- Constrained Forecast
- Product Allocation
- Safety Stock + Periodicity
- Resource Capacity + Periodicity
- Supplier Constraint + Periodicity

Version-specific key figures can be edited in the app “Maintain Response Management Settings”.

<table>
<thead>
<tr>
<th>Attributes</th>
<th>Material Location Type Work Center Capacity Category Supplier</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Response Management Settings</th>
<th>Maintain Response Management Settings</th>
<th>Version-Specific Business Meaning of Key Figures</th>
</tr>
</thead>
<tbody>
<tr>
<td>Planning Area: Z1SAP7</td>
<td>Changed By: BOSCHC</td>
<td>Safety Stock Periodicity</td>
</tr>
<tr>
<td>Changed On: April 4, 2017</td>
<td></td>
<td>Weekly Period</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>General Settings</th>
<th>Version-Specific Business Meaning of Key Figures</th>
<th>Assignments</th>
</tr>
</thead>
<tbody>
<tr>
<td>Time Profiles</td>
<td>Daily Period</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Weekly Period</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Day</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Week</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Version-Specific Business Meaning of Key Figures</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Safety Stock</td>
<td>Safety Stock Periodicity</td>
</tr>
<tr>
<td>SAFETY-STOCKXS</td>
<td>Weekly Period</td>
</tr>
<tr>
<td>Resource Capacity</td>
<td>Resource Capacity Periodicity</td>
</tr>
<tr>
<td>CAPACITYAVAILABLEFIN</td>
<td>Daily Period</td>
</tr>
<tr>
<td>Supplier Constraint</td>
<td>Supplier Constraint Periodicity</td>
</tr>
<tr>
<td>SUPPLIERCONSTRAINT</td>
<td>Weekly Period</td>
</tr>
<tr>
<td>Product Allocation</td>
<td></td>
</tr>
<tr>
<td>ALLOCATIONFINAL</td>
<td></td>
</tr>
</tbody>
</table>
Analyze Demand - Graphical Order Network

On the Analyze Demand screen, you can toggle between order network displayed as a graph or as table display.
Graphical Order Network

Display the order network using a graphical representation
Response Management Run as Operator

- Application job template can be started directly from Excel UI through the **Application Job Template** menu in the IBP Ribbon.
- The version and filters can be set from Excel if they are not defined in the template.
Forecast Attributes in IBP for response

If you want to consider forecast, perform forecast consumption or prioritize forecast on additional level/attribute you are able to enhance SAP7 template by additional configuration and maintain additional Response Management settings. This will enable Response Management to consider the configured forecast attribute.

In order to “enhance” the location product planning level and plan on additional forecast attributes you need to:

Enhance SAP 7 template planning area
- Create new MDT, e.g. for Location/Material/Custom Attribute
- Create a new planning level
- Assign relevant key figures to the planning level + adjust key figure calculations

Set Response Management Settings
- Maintain Sales Order Field Assignments
- Maintain Planning Level Assignments
- Maintain Forecast Consumption Profile
- Create relevant Prioritization Rules
Deployment Planning
Claus Bosch / Michael Mack
Fast, flexible supply planning supporting a variety of approaches, suitable for many industries, including:

- Support of tactical (time-series) supply planning in the context of S&OP
  - Unconstrained or constrained (optimization)
  - What-if analysis
- Support of **operational** supply planning (order based)
  - Generates supply orders (production, procurement, distribution) as well as generates allocations to feed to ATP
  - Unconstrained planning, constrained priority rules-driven heuristic planning, optimization-based planning (roadmap)
  - What-if analysis
  - New order data store and tight integration with ERP
- Support of **response** planning (order based)
  - Generates supply orders and optionally reschedule sales order items
  - What-if analysis
  - New order data store and tight integration with ERP
What is SAP IBP Response & Supply - Deployment Planning?

**Deployment** distributes available supply to demand.

It distributes stock from central to downstream SC stocking points to meet expected service level.

- Order based, constraint deployment heuristic considering priority
- Multi-stage planning
- What-if Simulation capabilities
- Tight order level integration to SAP ERP
Use Cases for Deployment

Short-term Demand increase
- e.g. Sales peak in one market whereas in other market forecast is not consumed.

Short-term Supply changes
- e.g. Production delay requires re-planning of replenishment to DCs and Customers

Deployment re-plans the distribution considering current demand and supply situation, creates Stock Transfer Requisitions and confirms Sales Orders
SAP IBP Response & Supply - Deployment Planning
Step by step

Deployment Run: Input Data
Deployment Run: Constraints
Deployment Run: Engine
Deployment Run: Output Data
(can be integrated to SAP ERP)
Deployment Run: Analyze Results
# SAP IBP Response & Supply - Deployment Planning

## Step by step

<table>
<thead>
<tr>
<th>Deployment Run: Input Data</th>
<th>Deployment Run: Constraints</th>
<th>Deployment Run: Engine</th>
<th>Deployment Run: Output Data (can be integrated to SAP ERP)</th>
<th>Deployment Run: Analyze Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sales Orders, Forecast, Safety stock targets (static or time-dependent)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Stock on hand, Purchase Orders, Stock Transfer Orders, Production Orders, (fixed and unfixed) Purchase Requisitions, (fixed and unfixed) Stock Transfer Requisitions, Deployment Stock Transfer Requisitions, (fixed and unfixed) Planned Orders

Multi level distribution network
# SAP IBP Response & Supply - Deployment Planning

## Step by step

<table>
<thead>
<tr>
<th>Deployment Run: Input Data</th>
<th>Deployment Run: Constraints</th>
<th>Deployment Run: Engine</th>
<th>Deployment Run: Output Data (can be integrated to SAP ERP)</th>
<th>Deployment Run: Analyze Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sales Orders, Forecast, Safety stock targets (static or time-dependent)</td>
<td>Product allocations</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Rules to segment and prioritize demands</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Stock on hand, Purchase Orders, Stock Transfer Orders, Production Orders, (fixed and unfixed) Purchase Requisitions, (fixed and unfixed) Stock Transfer Requisitions, Deployment Stock Transfer Requisitions, (fixed and unfixed) Planned Orders</td>
<td>Available to Deploy definition (not configurable currently): Stock on hand, Purchase Orders, Stock Transfer Orders, Production Orders, fixed Purchase Requisitions, fixed Stock Transfer Requisitions, fixed Planned Orders</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Multi level distribution network</td>
<td></td>
<td></td>
<td></td>
<td>Factory calendars</td>
</tr>
<tr>
<td>Labs Preview</td>
<td>Subject to Change</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
SAP IBP Response & Supply - Deployment Planning

Step by step

**Deployment Run: Input Data**

- Sales Orders, Forecast, Safety stock targets (static or time-dependent)
- Stock on hand, Purchase Orders, Stock Transfer Orders, Production Orders, (fixed and unfixed) Purchase Requisitions, (fixed and unfixed) Stock Transfer Requisitions, Deployment Stock Transfer Requisitions, (fixed and unfixed) Planned Orders
- Multi level distribution network

**Deployment Run: Constraints**

- Product allocations
- Rules to segment and prioritize demands
- Available to Deploy definition (not configurable currently):
  - Stock on hand, Purchase Orders, Stock Transfer Orders, Production Orders,
  - fixed Purchase Requisitions, fixed Stock Transfer Requisitions, fixed Planned Orders
- Factory calendars

**Deployment Run: Engine**

- Order- and constraint-based heuristics

**Deployment Run: Output Data (can be integrated to SAP ERP)**

**Deployment Run: Analyze Results**

- Deployment Run:
  - Input Data
  - Constraints
  - Engine
  - Output Data
  - Analyze Results

- Labs Preview
- Subject to Change

- Time (in weeks)
- Local DC
- Regional DC
- Factory

<table>
<thead>
<tr>
<th>Time</th>
<th>Local DC</th>
<th>Factory</th>
<th>Regional DC</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1</td>
<td>Stock</td>
<td>D-STR</td>
</tr>
<tr>
<td>2</td>
<td>2</td>
<td>D-STR</td>
<td>STR</td>
</tr>
<tr>
<td>3</td>
<td>3</td>
<td>D-STR</td>
<td>STR</td>
</tr>
<tr>
<td>4</td>
<td>4</td>
<td>D-STR</td>
<td>STR</td>
</tr>
<tr>
<td>5</td>
<td>5</td>
<td>STR</td>
<td>STR</td>
</tr>
<tr>
<td>6</td>
<td>6</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
## SAP IBP Response & Supply - Deployment Planning

### Step by step

<table>
<thead>
<tr>
<th>Deployment Run: Input Data</th>
<th>Deployment Run: Constraints</th>
<th>Deployment Run: Engine</th>
<th>Deployment Run: Output Data</th>
<th>Deployment Run: Analyze Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sales Orders, Forecast, Safety stock targets (static or time-dependent)</td>
<td>Product allocations Rules to segment and prioritize demands</td>
<td>Order- and constraint-based heuristics</td>
<td>Sales Order Confirmations</td>
<td>Sales Order Confirmations</td>
</tr>
<tr>
<td>Stock on hand, Purchase Orders, Stock Transfer Orders, Production Orders, (fixed and unfixed) Purchase Requisitions, (fixed and unfixed) Stock Transfer Requisitions, Deployment Stock Transfer Requisitions, (fixed and unfixed) Planned Orders</td>
<td>Available to Deploy definition (not configurable currently): Stock on hand, Purchase Orders, Stock Transfer Orders, Production Orders, fixed Purchase Requisitions, fixed Stock Transfer Requisitions, fixed Planned Orders</td>
<td>Factory calendars</td>
<td>Deployment Stock Transfer Requisitions (if pegged against ATD Elements)</td>
<td>Stock Transfer Requisitions</td>
</tr>
</tbody>
</table>

In case of shortages:
If possible and there are no constraints (e.g. resource or material) Planned orders and Purchase requisitions will be created.
## SAP IBP Response & Supply - Deployment Planning
### Step by step

<table>
<thead>
<tr>
<th>Deployment Run: Input Data</th>
<th>Deployment Run: Constraints</th>
<th>Deployment Run: Engine</th>
<th>Deployment Run: Output Data (can be integrated to SAP ERP)</th>
<th>Deployment Run: Analyze Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sales Orders, Forecast, Safety stock targets (static or time-dependent)</td>
<td>Product allocations Rules to segment and prioritize demands</td>
<td>Order- and constraint-based heuristics</td>
<td>Sales Order Confirmations</td>
<td>IBP Excel</td>
</tr>
<tr>
<td>Stock on hand, Purchase Orders, Stock Transfer Orders, Production Orders, (fixed and unfixed) Purchase Requisitions, (fixed and unfixed) Stock Transfer Requisitions, Deployment Stock Transfer Requisitions, (fixed and unfixed) Planned Orders</td>
<td>Available to Deploy definition (not configurable currently): Stock on hand, Purchase Orders, Stock Transfer Orders, Production Orders, fixed Purchase Requisitions, fixed Stock Transfer Requisitions, fixed Planned Orders</td>
<td></td>
<td>Deployment Stock Transfer Requisitions (if pegged against ATD Elements)</td>
<td>Analyze Supply Usage</td>
</tr>
<tr>
<td>Multi level distribution network</td>
<td>Factory calendars</td>
<td></td>
<td>Stock Transfer Requisitions</td>
<td>View Projected Stock</td>
</tr>
</tbody>
</table>

### Laboratories Preview

- **Subject to Change**

---

Labs Preview

Subject to Change

D-STR

<table>
<thead>
<tr>
<th>Time (in weeks)</th>
<th>regional DC</th>
<th>Factory</th>
<th>Local DC</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>D-STR</td>
<td>Stock</td>
<td>STR</td>
</tr>
<tr>
<td>2</td>
<td>D-STR</td>
<td>STR</td>
<td>PLAUF</td>
</tr>
<tr>
<td>3</td>
<td>D-STR</td>
<td>PLAUF</td>
<td>D-STR</td>
</tr>
<tr>
<td>4</td>
<td>Stock</td>
<td>STR</td>
<td>PLAUF</td>
</tr>
<tr>
<td>5</td>
<td>STR</td>
<td>PLAUF</td>
<td>D-STR</td>
</tr>
<tr>
<td>6</td>
<td>STR</td>
<td>PLAUF</td>
<td>D-STR</td>
</tr>
</tbody>
</table>
Demo

SAP IBP for Response and Supply - Deployment in action

Recording: https://video.sap.com/media/t/1_q0o3t5wg
Demo Scenario: Initial Supply plan

FA71
- Supply 200pc

FA72
- Supply 50pc

DC72

L721
- Demand 200pc

L722
- Demand 50pc

Supply 200pc

Supply 50pc
Demo Scenario: Demand Increase

Short-term Demand Increase
Sales peak in one market (L722) whereas in other market forecast is not consumed (L721).
Demand Management

Anna Linden
**Manage Product Lifecycle / Phase-In with pre-configured curves**

**Define phase-in start dates and phase-in end dates**

- The phase-in start date defines the point of time where a product is sold in the market.
- Forecasting is not generating results for periods with an end date that is before the phase-in start date.

**Assign preconfigured phase-in curves**
Manage Forecast Models

- You can specify the number of frozen forecast periods.
- For these periods, the system calculates a forecast but does not save it in the target key figure.
- The settings of demand sensing algorithms that require the selection of a key figure are now specified by the system automatically.
- Prerequisite: a key figure with the relevant business meaning is available in the selected planning area.
Assign Forecast Models

- You can now open a new screen where you can view the change history of the assignments made for a selected planning object.
Flexible Time Axis

Use different period types in one planning view
With the first release in this area, the user can specify to use different period types in one planning view.

To enable the Flexible Time Axis in your system, you need to set a global configuration parameter „MAX_TIME_LEVELS“ in the parameter group „PLAN_VIEW“
Business Log

Business Logging provides more detailed logs on Planning Object level
These logs are created when running the SOP Operators or Statistical Forecasting Operators.
Organize Folders, Favorites, and Templates

- Possibility to Organize Folders and Planning Views for
  - Favorites
  - Templates
  - Master Data Favorites
- This includes drag and drop options, sorting, as well as creation and deletion of folders

Remarks:
- Folders only exist when they have favorites assigned
- Folders cannot be transported or shared with other users
Miscellaneous Enhancements

- Possibility to copy the current planning sheet including all content, sheet specific code, and IBP definitions
- Possibility to set default values for the Planning Unit in „Settings“.
- In case favorites are shared with the user that the user does not want to see any longer, he has now the possibility to „opt out“ shared favorites.

Enhanced handling of error messages
IBP Excel Add-In 1705.2.0 is now available for download!

1. Click on „Download Software“
2. Search for „IBP“ or directly for „SAP IBP EXCEL ADD-ON 1705“

x64 is used for Windows / Office 32-bit Installations
x86 is used for Windows / Office 64-bit Installations
Further Enhancements
Anna Linden
Model Configuration

- The Time Profiles app is now available for creating and managing time profiles.
- The Master Data Types app has been enhanced with new attribute checks and consistency checks.
- We have reworked the messages of the consistency checks, and added long texts to messages originating from complex situations to support error analysis. The long texts can be displayed in the Application Logs app.
Identity and Access Management

Business Catalog for Product Lifecycle Management

- The business catalog SAP_IBP_BC_PROD_LIFECYC_PC has been enhanced with a new restriction type to control who is able to change the assignment level of reference products.
- After the upgrade, you need to revise the role assignments for the Manage Product Lifecycle app.

New Business Catalogs for Business Network Collaboration

- SAP_IBP_BC_DASH_PLM_PC (Data Sharing Plan Management)
- SAP_IBP_BC_DASH_EXE_PC (Data Sharing Plan Execution)

Visibility Filters

- New viewing and filtering options
- Change History
SAP Best Practices & Unified Planning Area
Anna Linden
SAP Best Practices for SAP Integrated Business Planning
New Scope and Changes in V7.1705

• Technical upgrade to SAP IBP 1705

• New scope item ABC-XYZ Segmentation

• Forecast Models now delivered as part of the sample planning area SAPIBP1

• New charts

Solution Details
rapid.sap.com/bp/rds_ibp
Unified Planning Area SAPIBP1
Changes in 1705

- **Four Forecast Models** are shipped together with SAPIBP1. As soon as you make a copy of SAPIBP1 and activate the new planning area you can see these forecast models in the “Forecast Models” App.

- **Three Forecast Error Profiles** are shipped together with SAPIBP1. As soon as you make a copy of SAPIBP1 and activate the new planning area you can see these forecast error profiles in the “Manage Forecast Error Calculations” Apps.

- **Segmentation Profile** is shipped together with SAPIBP1. As soon as you make a copy of SAPIBP1 and activate the new planning area you can see this profile in the “Manage ABC/XYZ Segmentation Rules” App.

- **Demand Sensing: Configuration changes** related to End of Quarter handling.

- **Demand Planning: New key figures** used for cleaning Sales History (MEANDELIVQTY, STDDEVDELIVQTY, STDDEVDELIVQTYTS).

- **S&OP: New key figure** sub-periods of Maximum Coverage to specify the maximum number of future sub-periods during which any quantity of received product can be kept in stock at a location.

- **Supply Planning**
  - Production Lead Time
  - Capacity Usage
  - Component Work In Progress
  - Further new key figures.
Documentation Updates
Anna Linden
Documentation: http://help.sap.com/ibp

- Model Configuration Guide
- Migration Guide
- Data Export Guide
- Security Guide
- Application Help
- What’s in the IBP Applications?
- Integration Guide for IBP/HCI
- Jam Integration Guide
- Central Notes
- Roadmap
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

Link to IBP Roadmap:

New roadmap version is available!
Changes to SAP Sample Areas in 1705

Generally, you do not need to reactivate your planning areas when you upgrade to 1705.

However, if you want to reactivate a planning area, consider that we have implemented new checks for disaggregation that might reveal modeling errors that remained undetected before.

Therefore, we strongly recommend that if you want to reactivate a planning area, perform the planning area check and act on the warning messages by adjusting your settings for disaggregation if needed.

Please note that as of the next release 1708, the checks for disaggregation will return error messages for errors that are detected in the settings for disaggregation. This means that you will have to correct errors related to disaggregation before you can activate the planning area.
Help on the user interface

- The question mark for calling help/additional information has moved from the top right corner to the “Me” area that is located in the top left corner of the screen.
- You can open the Me area by clicking the avatar icon.
- You can also call the help by pressing F1 on your keyboard.
Feedback

• You can now help us improve our application by letting us know what you like and what you think should be changed.

• You can do so in the “Me” area located in the top left corner of the screen by clicking the Feedback button.

• Please note that we only use your personal data (email address and user ID) to contact you with questions on your feedback – provided you allow this by clicking the Include Email checkbox in the feedback dialog. Your data will not be distributed beyond the SAP team that deals with the feedback. Feedback older than a year is deleted together with any technical and other information.
SAP’s Customer Influence Program

John Lopus
SAP’s Customer Influence Program

Activate to follow project

https://influence.sap.com/IBP
SAP’s Customer Influence Program
Continuous Session for SAP Integrated Business Planning

1. Register for or Login to the SAP Community Network
2. Submit your idea
3. Vote on other good ideas
4. Once idea reaches voting minimum it is ready for review
5. Product development reviews ideas
6. Blog post about results of product team review
7. Suitable ideas are built into an upcoming release
SAP’s Customer Influence Program
Create an Improvement Request on INM

- Project name is a mandatory field and is prefilled by default
- Idea title must be given
- Idea description is essential, so that other users can understand and support the idea
- Optional:
  - Add Image to your improvement request
  - Upload Attachment
  - Using tags
- Actions
  - Save
  - Save as Draft

To prevent from duplicates, similar idea titles will be matched during creation. The matching results will be shown, so that you can decide to support an existing similar idea instead.
SAP’s Customer Influence Program
Review existing Improvement Request (IR)

- 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 Up – Subscribe to the idea
  - Register for contribution Participate actively
- Action buttons
  - Create (new IR)
  - Copy IR
  - Contact (IR owner)
SAP’s Customer Influence Program
Navigate & Filter existing Improvement Requests

- Access to collapse menu item “Ideas” and you will get the view to all ideas and IRs of all projects you are following
- Access to ideas/IRs from the project detail view contains all settings to show project related IRs only
- Pre-defined filter options for “My Ideas” or for ideas “Open for voting” are given
- “Show >” for additional idea/IR search options
- Result list can be “Sort by”:
  - Submission Date
  - Latest Change
  - Title
  - Rating
  - Number of Comments
1705 Upgrade Planning
John Lopus
IBP Release Timeline

On-Demand

IBP 1702
IBP 1705
IBP 1708
IBP 1711
IBP 1802

2017
Feb
Jun
Sep
Nov
Feb

Note: All future planned releases dates are subject to change.

Upgrade Cadence
3.X On Premise: Not Applicable
4.X: Not Applicable
5.X: Not Applicable
1XXX: Once a quarter
Upgrade Communications
Where to find information?

Help.sap.com/ibp

SAP Integrated Business Planning

Release Notes

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.

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.

System Administrators will be informed upon the successful completion of the upgrades via email.
Upgrade Window: Friday 9:30 PM Local Time (EST/EDT) to Monday 3 AM Local Time (EST/EDT). Expect your systems to be unavailable during this period. This is consistent with the contracted maintenance window.

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

Best regards,
Your SAP Integrated Business Planning Team
Dear SAP Integrated Business Planning Customer,

We are contacting you as you are designated as a System Administrator Contact for SAP Integrated Business Planning.

For more information on the new features and any upgrade considerations please see What’s New in the Release 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:

<table>
<thead>
<tr>
<th>Tenant Type</th>
<th>Tenant URL</th>
<th>Upgrade Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Test</td>
<td>[Link]</td>
<td>2017-04-07 22:00 UTC</td>
</tr>
<tr>
<td>Test</td>
<td>[Link]</td>
<td>2017-04-07 22:00 UTC</td>
</tr>
<tr>
<td>Productive</td>
<td>[Link]</td>
<td>2017-04-07 22:00 UTC</td>
</tr>
</tbody>
</table>

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 window.

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

Best regards,
Your SAP Integrated Business Planning Team
Thank you.

Contact information:
IBP Customer Group Contact: david.kahn@sap.com
IBP Customer Office: john.lopus@sap.com

Today's Presenters from Product Management:
• alexis.lozada@sap.com
• anna.linden@sap.com
• claus.bosch@sap.com
• kenton.harman@sap.com
• michael.mack@sap.com
• pramod.mane@sap.com
• ralf.heimburger@sap.com
No part of this publication may be reproduced or transmitted in any form or for any purpose without the express permission of SAP SE or an SAP affiliate company.

The information contained herein may be changed without prior notice. Some software products marketed by SAP SE and its distributors contain proprietary software components of other software vendors. National product specifications may vary.

These materials are provided by SAP SE or an SAP affiliate company for informational purposes only, without representation or warranty of any kind, and SAP or its affiliated companies shall not be liable for errors or omissions with respect to the materials. The only warranties for SAP or SAP affiliate company products and services are those that are set forth in the express warranty statements accompanying such products and services, if any. Nothing herein should be construed as constituting an additional warranty.

In particular, SAP SE or its affiliated companies have no obligation to pursue any course of business outlined in this document or any related presentation, or to develop or release any functionality mentioned therein. This document, or any related presentation, and SAP SE’s or its affiliated companies’ strategy and possible future developments, products, and/or platform directions and functionality are all subject to change and may be changed by SAP SE or its affiliated companies at any time for any reason without notice. The information in this document is not a commitment, promise, or legal obligation to deliver any material, code, or functionality. All forward-looking statements are subject to various risks and uncertainties that could cause actual results to differ materially from expectations. Readers are cautioned not to place undue reliance on these forward-looking statements, and they should not be relied upon in making purchasing decisions.

SAP and other SAP products and services mentioned herein as well as their respective logos are trademarks or registered trademarks of SAP SE (or an SAP affiliate company) in Germany and other countries. All other product and service names mentioned are the trademarks of their respective companies.