SAP Integrated Business Planning
Innovations and Outlook

Stephan Kreipl, Chief Product Owner Demand Management, SAP SE
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CUSTOMER
SAP Integrated Business Planning Platform

Supply Chain Control Tower
End-to-End Visibility

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 Cloud Platform
2016/2017 Advanced Planning Enhancements
A new application, new planning capabilities, analysis, visualization

Response Management

Promotion Integration & Analysis

Forecast Error Management

Inventory Components
Planning & Root Cause Analysis

Product Lifecycle Management

And more …

- ABC & XYZ Segmentation
- Enhanced Alert and Exception Management
- Change History in Excel
- …
SAP Integrated Business Planning
Product road map overview – key highlights and capabilities

V1702 – Recent innovations

Key Functional and Usability Enhancements
- New Data Integration app
- Folders for Templates and Favorites in the Microsoft Excel Add-In

Further continuous enhancements in all areas

V1705 – Planned Q2/2017

Key Functional and Usability Enhancements
- New Analytics and Dashboard apps with definable chart options like colors, configurable axis, and drilldowns
- Deployment Planning
- Supply Side Collaboration with forecast commit and message integration to SAP Ariba Supply Chain Collaboration
- Supply Usage Analysis / Bottom-up Analysis in response management
- Phase-In in the Product Lifecycle Management
- Flexible time axis with multiple time levels in same view in the Microsoft Excel Add-In

Further continuous enhancements in all areas

V1708 – Planned Q3/2017

Key Functional and Usability Enhancements
- New Supply Chain Network app for visualization of the, and drill-down into the whole network
- New Process Modeling app and new options for the configuration of the S&OP process templates and instances
- Minimum, maximum, fix and rounding lot sizes & prioritization of multiple forecast key figures in response management
- Optimize inventory for products that are planned based on historic demand, like slow movers

Further continuous enhancements in all areas

V1711 – Planned Q4/2017

Key Functional and Usability Enhancements
- Demand Forecast Collaboration and WebUI for external partners
- Phase-Out in the Product Lifecycle Management
- Optimize inventory based on maximum storage constraints
- New S&OP Process Monitoring and Visualization app
- New Task Management app
- Version specific master data & manual changes to planning results in response management
- Copy key figure data between planning areas & locking of key figure values
- Time-dependent user comments on cell level in the Microsoft Excel Add-In

Further continuous enhancements in all areas

This is the current state of planning and may be changed by SAP at any time.
SAP Integrated Business Planning
Product road map overview – key highlights and capabilities

**User Experience**

- New Analytics and Dashboard apps
- Flexible time axis with multiple time levels in same view in the Microsoft Excel Add-In

**V1705 – Planned Q2/2017**

- New Supply Chain Network app
- New Process Modeling app

**V1708 – Planned Q3/2017**

- New S&OP Process Monitoring and Visualization app
- New Task Management app
- User comments on cell level in the Microsoft Excel Add-In

**V1711 – Planned Q4/2017**

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New Dashboards and Analytics based on SAP Fiori

- Usability & performance improvements
- New user customization options for the charts such as definable chart colors and configurable axis
- Usage of scenarios
- Visualization capabilities via mobile devices

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New Supply Chain Network app

One graphical view to render the whole supply chain network, validate master data and view output key figures across the network

- Improved user experience
- Allows users to navigate the supply chain network and visualize results of planning operators for total network and sub-networks at product-location level

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Next Generation S&OP Process Management

Process Modeling, Monitoring & Visualization

- New S&OP Process Monitoring and Visualization app
- New Process Modeling app and new options for the configuration of the S&OP process templates and instances
- New Task Management app
- Notifications on Process Status Changes

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Flexible Time Axis

- **Flexible Time Axis** with multiple time levels in same view
- Custom aggregates (e.g. YTD)

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Excel User Comments

User Comments on Cell Level

- Enables the user to add comments on the Excel planning views
- Text is saved centrally in SAP Integrated Business Planning
- Other users will be able to access these comments for example as part of a consensus planning process
- Comments can be created on different levels of aggregation

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Advanced Planning

- Deployment Planning
- Supply Usage Analysis / Bottom-up Analysis in response management
- Phase-In in the product lifecycle management

V1705 – Planned Q2/2017

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V1708 – Planned Q3/2017

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V1711 – Planned Q4/2017

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Deployment Planning

Deployment distributes available supply to demand

It distributes stock from central to downstream Supply Chain 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

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New Supply Usage Analysis and Graphic Order Network in Response Management

Supply Usage Analysis
Analyze component supply with respect to primary demands Use Cases
- High priority demands covered by unsafe supply
- Low priority demands covered by order supply or stock
- Unused Supply
- Competing demands in short term horizon

Graphical Order Network
Display the order network using a graphical representation

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Product Lifecycle Management

Key Investment Topic in the Demand Planning Area

- Graphical User Support
- Flexible Modelling Capabilities
- High Level of Automation

Like Modelling with reference products

Phase-In with pre-defined curves

Phase-In with user-defined curves

Phase-Out with Pre- & User-Defined Curves

1608 → 1705 → 1708 → Planned for 1711

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Response and Supply Planning

Order-based Planning incl Planning Algorithms & Infrastructure

**Planning**
- 6.1
- Response Management
- Enhancements: Gating Factors, Pegging, Supply Usage Analysis
- Deployment Planning
- Enhancements: Available to Deploy, Lot Sizes, Fair Share
- Future: Operational Supply Planning

**Deployment Planning Enhancements:**
- Minimum, maximum, fix and rounding lot sizes
- Prioritization of multiple forecast key figures in response management
- Version specific master data & manual changes to planning results in response

**Integration**
- 6.1
- Open API for order-based integration (SDI)
- SAP ERP Add-On
- Roundtrip Integration (ERP-IBP-ERP)
- Delta Update from ERP
- S/4 Add-On
- Future: Support Multi-ERP Landscape

Planned in 1705
Planned 1708+1711
Planned 1711

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Inventory Optimization

Mature Solution moving towards industry specific use cases, strategic IO Planning such as Service Level Optimization & Optimization based on budget constraints.

- Optimize inventory for products that are planned based on average historic demand (i.e. no forecast), such as slow movers or spare parts
- Optimize inventory based on maximum storage constraints at product-location level, e.g., storage tanks
- **Future**: Planned support for DDMRP

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Business Network Collaboration

Supply Side Collaboration with forecast commit and message integration to SAP Ariba Supply Chain Collaboration

Demand Forecast Collaboration and WebUI for external partners

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Supply Side Collaboration with Forecast Commit and integration to SAP Ariba Supply Chain Collaboration

Forecast Commit

- The first collaboration process is the supplier forecast commit process
- Component demand 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

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Message Integration to SAP Ariba Supply Chain Collaboration and Data Sharing Plan Management

Message based integration with the SAP Ariba Supply Chain Collaboration platform

Manage Data Sharing plans
An agreement between business partners that governs what data is shared, with whom and how, for example

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

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Integrated processes that incorporate information from external sources such as suppliers

- **Process Management**
  - **Supplier Collaboration**
    - Forecast
    - Commit
  - **Supplier Coll.**
    - Inventory
    - Stock on Hand
  - **Demand Side Collaboration**
    - Demand Forecast
  - **Supplier Collaboration**
    - SMI
  - **Demand Side Collaboration**
    - VMI

- **Processes**
- **Channels**
  - **SAP Ariba Supply Chain Collaboration**
  - IBP WebUI/Portal for external users
  - .csv Up- and Download
  - IBP to IBP Integration
  - IBP to SNC Integration

Planned for 1705
Planned for 1711

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And more to come: Future SAP IBP Innovation Focus

- Advanced planning
- External integration
- Industry-specific support

SAP Integrated Business Planning (IBP)

- Scaling & performance
- Set-up: modelling & configuration

- Automation
- Fiori analytics

- Machine learning

- Business Network Collaboration

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Easy to Learn More

- Detailed IBP Roadmap http://service.sap.com/saproadmaps
  → Line of Business → SAP Integrated Business Planning
Thank you.

Contact information:

**Dr. Stephan Kreipl**  
Chief Product Owner Demand Management  
SAP SE  
stephan.kreipl@sap.com