Welcome to the SCM Advanced Planning and Optimization (APO) page.

APO (Advanced Planning and Optimization) application is at the heart of SCM. It offers planning and optimization functionalities in different business processes of Demand Planning, Supply Planning, Supply and Demand Matching, Production Planning Detailed Scheduling, Global Available to Promise and Transportation Management.

SAP APO functionalities enable Plan to Inventory End to End Business Processes.

Collaboration with Suppliers and Customers is also possible through newer application Supply Network Collaboration (SNC) till recently known as Inventory Collation Hub (ICH).

With SCM 5.0 a new set of functionalities under Services Parts Planning were added specifically catering to Spare Parts Management.

APO as a application is tightly integrated to execution (OLTP) system like ERP using a standard interface called Core Interface Function (Interfaces - Core Interface (CIF) and BAPIs). It also has full BI (erstwhile BW) component for Data Mart as well as Reporting functionalities.

**Note:** All links below require SDN/SMP Login

**Disclaimer:** Content Accuracy is assured as much as possible. Discretion advised.

**For interaction with SAP Support**

- SAP KBA 2164726 - How to create the perfect incident for PP/DS (SCM-APO-PPS)
- SAP KBA 2227281 - How to create the perfect incident for SCM-APO-INT and SCM-BAS-INT
- SAP KBA 2238377 - Checklist before creating an Incident/Ticket in SCM-APO-SNP & SCM-APO-SDM-CTM
- SAP KBA 2151502 - How to create the perfect incident for SCM-ICH component and subcomponents
- SAP KBA 2142323 - How To Find Additional Knowledge Repositories For APO GATP
- SAP KBA 2231024 - Knowledge base and problem solutions in SCM APO Master Data area

**Moderators:**

- **WIKI Space Editor:** Gergely Kocse

**How to contribute:**

- See how to submit content

**SDN Topic Spaces:**

- SCM APO Master Data and General
- SAP Event Management (EM)
- SCM APO Demand and Supply Network Planning
- SCM APO Production Planning, Interfaces and Global ATP
- SCM - Supply Network Collaboration (SNC)
Articles

- S&OP Goes Beyond Just Aligning Supply & Demand xS&OP
- Implementing S&OP Using Currently Available SAP Applications
- Supply Chain Management at Freescale: Reduced Order-Planning Cycle Times Bring Shareholder Value
- The Adaptive Business Network in Consumer Products Industries
- The Role of Functional Teams in Optimizing SAP APO Demand Planning System Performance
- Supply Chain Management at SI Corporation
- Optimize your Resources During Maintenance, Repair, and Project Work by Using Multi-Resource Scheduling
- SAP Transportation Management: Transportation Planning Process
- Transportation Management in Business Network Transformation

Frequently Asked Questions

- APO Documentation
- Moving from R/3 to APO
- Position of APO in Industry
- Why choose SPP over APO
- Why choose APO over R/3 for Planning
- Biggest Challenge in an Implementation
- SCM 2007 and SCM 5.0 - Difference & Benefits

Upgrade related threads

- Upgrade to SCM 7.0
- Upgrade to SCM 5.1/2007
- Upgrade to SCM 5.0
Useful Forum Posts - Functional

- Master Data in DP
- Master Data in SNP
- DP BOM Functionality
- Assign Forecast Profiles to Selection
- Database vs Dynamic alerts
- Storage vs Planning bucket Profile
- Adding keyfigures to Planning Area
- Adding keyfigure in SNP Planning Area
- Using CTM Profile
- Integration between EWM, LES, TPVS & ERP-SD
- liveCache from Functional Perspective
- Raw material planning in APO

Useful Forum Posts - Technical

- liveCache data in DP & SNP
- List of Macros by Data Views
- No liveCache Anchor found
- APO Hardware Sizing
- Integrating DP, SNP to BW
- APO Loader
- How to see SQL Procedure
- Conversion char32 format id to char 22
- Maximum number of records to BAPI_PIRSRVAPS_SAV EMULTI
- Getting simsession in Z Program
- Delete CVCs from Combination list
- User-function Macro to trigger events
- How-to use User Exit
SAP Documentation

In order to check the Product Availability Matrix use this LINK.

SAP SCM APO - Release 4.1
SAP SCM APO - Release 5.0
SAP SCM APO - Release 5.1 / 2007
SAP SCM APO - Release 7.0
SAP SCM APO - Release 7.0 EHP1
SAP SCM APO - Release 7.0 EHP2
SAP SCM APO - Release 7.0 EHP2 (SAP HANA)
SAP SCM APO - Release 7.0 EHP3
SAP APO on ERP Integration via (CIF) - Release 7.0 EHP3

Useful Blogs

- Product Definition in Primary Metals Industry
- Composite Forecasting in DP
- KPIs in S&OP
- Capacity Leveling in SCM 5.0
- Continuous Flow Production
- Transportation Management
- Hardware Sizing with Quicksizer
- BPX in SCM
- Apolemia
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