



# Planning Horizons, Calendars and Timings in SAP APO

**Shaun Snapp**

Timing Setting Across SAP DP,  
SNP, PP/DS and GATP

# Planning Horizons Calendars And Timings In Sap Apo

**Josef Kallrath, Thomas I. Maindl**



## **Planning Horizons Calendars And Timings In Sap Apo:**

**Planning Horizons, Calendars and Timings in SAP Apo** Shaun Snapp, 2013-04 Planning horizons and timing settings are critical to controlling the behavior of planning applications But few people understand the impact that timing settings in one APO application have on other APO applications and what implications they have for controlling system output APO is the most fully featured supply chain planning suite on the market and its sheer number of timing settings makes it one of the most complex as well Keeping these settings straight and associating the timings across the modules as well as coordinating the timings with the connected systems is a challenge in APO If you would like to better understand the timing settings in APO and other advanced planning systems or if your company is planning to implement APO this book is for you Here you will learn about the timing settings planning horizons and calendars in four of the most commonly implemented APO applications DP SNP PP DS and GATP and how timing settings in one APO module interact with and impact upon the timing settings in the other APO modules By reading this book you will Gain a comprehensive overview of timings in the four most popular APO applications DP SNP PP DS and GATP Get an overview of what is created in each application and what is passed between the modules Understand how the planning horizons calendars and timing settings of DP SNP PP DS and GATP relate to each other how they influence the planning output and how they connect with SAP ERP Be able to differentiate between the various timing settings in APO and explain how they relate to one another Benefit by getting a head start on understanding timing settings before the demo or proof of concept stage of a project Avoid costly implementation errors by learning how to navigate APO s complex timing settings Understand timing setting directions backward and forward Learn how to support a global business with a single APO application

### **Demand Planning with SAP APO - Concepts and**

**Design** Dutta Avijit, Shiralkar Shreekant, Demand planning DP is an important process for supply chain management SCM across businesses and has a significant impact on the overall efficiency of business operations In this book you will learn how to apply key demand planning concepts to SAP APO DP and familiarize yourself with important considerations like statistical forecasting Using a detailed case study and screenshots you will build a strong foundation on demand planning concepts and design in SAP APO along with an understanding of advanced design in APO DP This expert guide to demand planning in SAP APO covers SCM Context Business Processes and Functionality for Different SAP APO Modules including Technical Architecture and Integration Example Business Scenario and Overall APO DP APO BW Process Flow Diagram Demand Planning Concepts and Business Rationale for APO DP Design Design and Deployment of Demand Planning in ERP APO BW and APO DP using Configuration Master Data and Transactions

### **Real Optimization with SAP® APO** Josef

Kallrath, Thomas I. Maindl, 2006-09-02 Optimization is a serious issue touching many aspects of our life and activity But it has not yet been completely absorbed in our culture In this book the authors point out how relatively young even the word model is On top of that the concept is rather elusive How to deal with a technology that nds applications in things as di

erent logistics robotics circuit layout financial deals and traffic control Although during the last decades we made significant progress the broad public remained largely unaware of that The days of John von Neumann with his vast halls full of people frantically working mechanical calculators are long gone Things that looked completely impossible in my youth like solving mixed integer problems are routine by now All that was not just achieved by ever faster and cheaper computers but also by serious progress in mathematics But even in a world that more and more understands that it cannot afford to waste resources optimization remains to a large extent unknown It is quite logical and also fortunate that SAP the leading supplier of enterprise management systems has embedded an optimizer in his software The authors have very carefully investigated the capabilities and the limits of APO Remember that optimization is still a work in progress We do not have the tool that does everything for everybody

SAP SCM Dan Wood, 2012-06-12 SAP SCM Applications and Modeling for Supply Chain Management empowers you to capitalize on the sophistication of SAP APO This book provides clear advice on the inevitable critical decisions that can lead to project success or failure and shows you wherever you are on the supply chain management staff buyer planner ground controller or analyst to fully exploit the agility SAP APO offers

**Supply Chain Management with APO** Jörg Thomas Dickersbach, 2013-03-09 The Advanced Planner and Optimiser APO is the software from SAP dedicated to supply chain management This book addresses the question how to implement APO in a company It is written from a long years experience in implementation projects and aims to provide project managers and team members with the necessary know how for a successful implementation project The focus of the book lies in introducing modelling approaches and explaining the structure and interdependencies of systems modules and entities of APO Another concern is the integration with the R/3 system's both technically and from a process point of view Since APO projects differ significantly from other SAP projects some key issues and common mistakes concerning project management are pointed out as well

*Supply Chain Management with SAP APOTM* Jörg Thomas Dickersbach, 2009-06-18 The Advanced Planner and Optimiser SAP APOTM is the software from SAP dedicated to supply chain management This book provides an overview about the supported SCM processes and explains how to implement SAP APOTM in a company It is written from a long years experience in implementation projects and aims to provide project managers and team members with the necessary know how for a successful implementation project The focus of the book lies in introducing modelling approaches and explaining the structure and interdependencies of systems modules and entities of SAP APOTM based on the release SAP SCMTM 2008 Another concern is the integration with SAP ERP TM both technically and from a process point of view Since SAP APOTM projects differ significantly from other SAP projects some key issues and common mistakes concerning project management are mentioned as well

**Advanced Planning in Supply Chains** Hartmut Stadtler, Bernhard Fleischmann, Martin Grunow, Herbert Meyr, Christopher Sürie, 2011-10-26 Advanced Planning Systems APS are a key enabler of the supply chain management However APS are highly complex and difficult to comprehend This book provides students with valuable

insights into the capabilities of state of the art APS and bridges the gap between theory model building and solution algorithms software implementation and adaptation to a specific business case Our business case named Frutado provides a unifying framework for illustrating the different planning tasks that arise in a company from demand planning to the distribution of goods that are addressed by APS In addition the book guides through interactive learning units which have been created and recorded for each module of SAP s APS Learning units can be downloaded free of charge ready to be displayed in a web browser Together the textbook and the learning units provide the required skills to better understand the concepts models and algorithms underlying today s APS

**Service Parts Planning with SAP SCMTM** Jörg Thomas Dickersbach, Michael F. Passon, 2015-04-21 This book focusses on the after sales business and presents the Service Parts Planning SPP solution which was developed by SAP in a joint effort with Caterpillar and Ford in order to address the specific planning problems of service parts The book explains the processes structures and functions of this solution and is targeted at decision makers project members and project managers who are involved in an implementation of SAP Service Parts Planning or for users who want to gain a better understanding of the state of art in spare parts planning and the SAP Service Parts Planning software

**Implementing Order to Cash Process in SAP** Chandrakant Agarwal, 2021-05-14 Implement critical business processes with mySAP Business Suite to integrate key functions that add value to every facet of your organization Key Features Learn master data concepts and UI technologies in SAP systems Explore key functions of different sales processes order fulfillment options transportation planning logistics execution processes and customer invoicing Configure the Order to Cash process in SAP systems and apply it to your business needs Book Description Using different SAP systems in an integrated way to gain maximum benefits while running your business is made possible by this book which covers how to effectively implement SAP Order to Cash Process with SAP Customer Relationship Management CRM SAP Advanced Planning and Optimization APO SAP Transportation Management System TMS SAP Logistics Execution System LES and SAP Enterprise Central Component ECC You ll understand the integration of different systems and how to optimize the complete Order to Cash Process with mySAP Business Suite With the help of this book you ll learn to implement mySAP Business Suite and understand the shortcomings in your existing SAP ECC environment As you advance through the chapters you ll get to grips with master data attributes in different SAP environments and then shift focus to the Order to Cash cycle including order management in SAP CRM order fulfillment in SAP APO transportation planning in SAP TMS logistics execution in SAP LES and billing in SAP ECC By the end of this SAP book you ll have gained a thorough understanding of how different SAP systems work together with the Order to Cash process What you will learn Discover master data in different SAP environments Find out how different sales processes such as quotations contracts and order management work in SAP CRM Become well versed with the steps involved in order fulfillment such as basic and advanced ATP checks in SAP APO Get up and running with transportation requirement and planning and freight settlement with SAP

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