

Inventory Optimization With Sap 2nd Edition

Inventory Optimization with SAP PRESS

Since SAP is emphasizing recent developments in operations management in its SCM initiative, this book describes the methodological background from the viewpoint of a company using SAP systems. It describes order processing both in an intra- and interorganizational perspective, as well as describing future developments and system enhancements.

Take your supply chain to the cloud with this guide to SAP IBP planning processes and configuration. Begin with the basics, from loading data into SAP IBP to exploring the planning model. Then dive deep into key functionality and implementation steps for S&OP, demand planning, supply and response planning, inventory management, and supply chain analytics. Using in-depth SAP SCM industry case studies, discover what it takes to ensure a successful adoption of SAP IBP. In this book, you'll learn about:

- a. Getting Started Develop a holistic understanding of your supply chain in SAP IBP: learn to navigate the new UI and load data into SAP IBP, utilize the basic planning model, and plan your SAP IBP implementation.
- b. Implementation Follow comprehensive steps for configuring SAP IBP, starting with baseline functionality and SAP IBP deployment, before moving on to functionality and implementation with the five primary applications.
- c. Case Studies Explore real-world case studies from the high-tech, CPG, life sciences, and manufacturing fields and see how peers and competitors are achieving value through best practices

Highlights:

- 1) Sales and operations planning (S&OP)
- 2) Configuration and deployment
- 3) Planning model
- 4) Demand planning and forecasting
- 5) Supply planning
- 6) Response management
- 7) Control Tower
- 8) Inventory management and optimization
- 9) Supply chain analytics
- 10) Implementation methodology
- 11) Use cases

* Offers custom enhancement exercises for the SAP standard * Reviews examples for purchasing, inventory management, invoice verification, and much more * Provides an overview of more than 140 user exits, BAdIs, and enhancements

Whether you are a Materials Management consultant or a programmer, you'll learn how to personalize and improve your processes by means of user exits, business add-ins (BAdIs), and enhancement spots with this book. The author uses his real-life experience and understanding of the frustrating challenges that users face, and provides ideal options to enhance and optimize the SAP standard through custom developments. This book shows you how to implement these customizations for Materials Management (MM) in SAP ERP and describes how these customizations influence the behavior of the user exits with custom ABAP programs. Included throughout the book are exercises to illustrate the exact procedures and coding examples needed, as well as valuable tips and tricks.

Practical Introduction Learn how you can use and activate the various enhancement options of the SAP system in order to create applications that are unique to your individual needs.

Important Application Areas Find tried

and tested approaches for each of the major areas of Materials Management, as well as for the validation and substitution of accounting documents. Cross-Release Description Apply programming examples for Release 4.6C and higher. You'll learn about alternative solution options if an enhancement has prerequisites or was implemented in a later release. Complete Overview Discover the most useful user-exits, business add-ins, and enhancement spots that are involved in Materials Management. A comprehensive appendix also provides an easy-to-reference list.

Transform your logistics operations with SAP S/4HANA! With this introduction, see what SAP has in store for each supply chain line of business: sales order management, manufacturing, inventory management, warehousing, and more. Discover how SAP Fiori apps and embedded analytics improve reporting, and explore the intersection between your supply chain processes and new SAP Leonardo technologies. Take your first look at SAP S/4HANA logistics, and see where it will take your business!

a. Key Processes Advances in SAP S/4HANA are changing your supply chain. Explore planning and scheduling, transportation management, inventory management, manufacturing, warehousing, sourcing and procurement, plant maintenance, and more!

b. The Future of Logistics Uncover what's new and improved in SAP S/4HANA for your logistics LOBs, such as centralized procurement to demand-driven MRP. See how technologies like IoT and machine learning can accelerate your core supply chain processes.

c. Migration Once you see the logistics big picture, you can plan your next steps. Learn how to design your roadmap, evaluate your technical and functional conversion steps, and prepare your system for your desired migration path.

- 1) Sourcing and procurement
- 2) Inventory management
- 3) Warehouse management
- 4) Production planning
- 5) Manufacturing operations
- 6) Plant maintenance
- 7) Quality management
- 8) SAP Fiori applications
- 9) SAP Leonardo technologies
- 10) Implementation and migration
- 11) SAP S/4HANA 1809

This is the book you need to master reverse logistics. You'll learn how to configure and use SAP ERP to optimize reverse logistics practices, particularly returns, repairs, and refurbishment. And with the step-by-step instructions, real-world examples, and tips provided throughout, you'll find many ways to streamline your processes and make your business perform more efficiently. This is the book that will ensure you're getting the most out of the reverse logistics tools in SAP ERP.

Basic Principles of Reverse Logistics Explore what reverse logistics is and how it can help you develop a more efficient and cost-effective business.

Reverse Logistics Functionalities Get a thorough understanding of the various reverse logistics processes, and learn how they are executed within SAP ERP.

SAP ERP Configuration Learn how to customize SAP ERP for reverse logistics to work for your needs.

Finance in Reverse Logistics Learn how to recapture value for reverse logistics with accounting and valuation in SAP.

Real-World Examples and Tips Use the insider tips provided throughout to find solutions to your own reverse logistics issues.

Do you want to understand the basic fundamentals of SAP software without having to work through 400 pages or more? Yes? Then this book is for you! The authors concentrate on the essentials and spare you all the details you do not need as a beginner. Using simple, step-by-step examples, walk through the fundamentals of the SAP Enterprise Resource Planning (ERP) system including navigation, transactions, organizational units, and master data. Instructional videos help you experience the look-and-feel of SAP software without requiring access to an SAP system. This second edition has been enhanced with an overview of the existing SAP product portfolio in addition to SAP ERP. Learn more about the technical side of SAP ERP including industry solutions, ABAP, and enhancement packages (EHP). Get a short introduction to BI, CRM, SRM, SCM, GRC, NetWeaver, SuccessFactors, and HANA. Demystify SAP acronyms and get clarity on the purpose of different SAP products. - Learn how to navigate in SAP ERP - Learn SAP basics including transactions, organizational units, and master data - Watch instructional videos with simple, step-by-step examples - Get an overview of SAP products and new development trends

Keep your product standards high with this comprehensive guide to quality management in SAP S/4HANA! You'll learn how to make QM an integral part of your existing supply chain by connecting to materials management, production planning, warehouse management, and other logistics processes. Step-by-step instructions will show you how to both configure and use key QM processes like batch management and audits. Implement quality plans, inspections, and notifications in SAP S/4HANA to be confident in your product's quality! 1) Master data 2) Integration with logistics 3) Quality inspection 4) Batch management 5) Sample management 6) Quality certificates 7) Quality issue management 8) Quality notifications 9) Quality planning 10) Stability study 11) Failure mode and effects analytics (FMEA) 12) Reporting

Revised edition of the authors' Procurement with SAP MM, 2014.

Do you know how to execute procurement processes in standard SAP without any errors? Find out how in this practical guide to the SAP Materials Management (MM) module and the purchasing process in SAP ERP. The author expertly introduces readers to the most frequently used functions in the procurement process, from setting up a purchase requisition to posting the vendor invoice. Walk through a step-by-step example with detailed SAP screenshots of the vendor master data on the purchase requisition to the purchase order. Then builds on this example to explore information on the goods receipt and invoice verification process. Identify opportunities for process optimization. Obtain a list of best practices for consistently maintaining data in SAP. Learn how to use master data, functions, and evaluations to work more productively with SAP MM. The updated second edition includes information on the approval process and credit approval procedures. By using practical examples, tips, and screenshots, the author brings readers up to speed on the fundamentals of SAP MM. - Step-by-step instructions for creating a vendor master record and a purchase requisition - How to convert a purchase requisition to a purchase order - Approval process and credit approval procedure fundamentals - Tips on how to create favorites Jump-start your inventory operations in SAP S/4HANA! Review basic inventory practices and consult step-by-step instructions to configure SAP S/4HANA for your

organization's requirements. Then put the system to work! Run the SAP Fiori applications that guide your core inventory workflows: inventory planning, goods receipt, core inventory, production planning, and inventory analysis. This hands-on guide to inventory has the details you need! In this book, you'll learn about: a. Inventory Planning Set up a successful inventory management system. Understand how to implement key planning strategies like make-to-order, make-to-stock, MRP Live, and Kanban in your SAP S/4HANA system. b. Inventory Execution Ensure your system runs smoothly. Tap into the potential of SAP Fiori applications and execute core inventory processes such as exception handling, physical inventory, transfers, and more. c. Inventory Analysis Make the most of your inventory analytics tools. See what's offered with SAP S/4HANA, such as real-time data and role-based design; then dive in to CDS views, KPI monitoring, custom queries, and more. Highlights Include: 1) Inventory optimization 2) Inventory planning 3) Goods receipt 4) Core inventory 5) Production planning 6) Inventory analysis 7) Configuration 8) Deployment 9) SAP Fiori applications 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.

Warehouses are an integral link in the modern supply chain, ensuring that the correct product is delivered in the right quantity, in good condition, at the required time, and at minimal cost: in effect, the perfect order. The effective management of warehouses is vital in minimizing costs and ensuring the efficient operation of any supply chain.

Warehouse Management is a complete guide to best practice in warehouse operations. Covering everything from the latest technological advances to current environmental issues, this book provides an indispensable companion to the modern warehouse. Supported by case studies, the text considers many aspects of warehouse management, including: cost reduction productivity people management warehouse operations With helpful tools, hints and up-to-date information, Warehouse Management provides an invaluable resource for anyone looking to reduce costs and boost productivity.

The purpose of this book is to help you with the development and implementation of a successful End-to-End Supply Chain Management - Strategy: optimising your processes from manufacturer to retailer. This book answers four questions: - How to develop an end-to-end supply chain - strategy? - How to create the necessary supply chain infrastructure? - How to make collaboration work between the partners in the network? - How to plan and manage the supply chain flows? It will enable you to: - Systematically improve your sales productivity in the retail stores; - Enhance the operational / qualitative performance of your processes and those of your partners in the supply chain; - More effectively balance the trade-off Time v Costs. This book provides you with: - A Supply Chain System - Model: a framework to develop your End-to-End Supply Chain; - 10 Strategic Building Blocks which can be used as a toolkit; - 50 Lessons Learned based on experiences from practice; - A strategic roadmap: to plan,

organise, lead and control your supply chain. The 2nd edition has many new cases, toolboxes and a new chapter on process management. In addition, more attention is given to topics like procurement, demand planning, omnichanneling and supply chain-design, -planning and -execution. For whom has this book been written? This book is useful for thinkers and practitioners! For everyone who wants to learn more about supply chain management and the development and implementation of an end-to-end supply chain strategy.

This book provides comprehensive guidance on leveraging SAP IBP technology to connect strategic (to be understood as long term SC&O), tactical and operational planning into one coherent process framework, presenting experience shared by practitioners in workshops, customer presentations, business, and IT transformation projects. It offers use cases and a wealth of practical tips to ensure that readers understand the challenges and advantages of IBP implementation. The book starts by characterizing disconnected planning and contrasting this with key elements of a transformation project approach. It explains the functional foundations and SAP Hybris, Trade Promotion Planning, Customer Business Planning, ARIBA, and S/4 integration with SAP IBP. It then presents process for integrating finance in IBP. Annual planning and monthly planning are taken as examples of explain Long term planning (in some companies labeled as strategic). The core of the book is about sales and operations planning (S&OP) and its process steps, product demand, supply review, integrated reconciliation and management business review, illustrating all steps with use cases. It describes unconstrained and constrained optimized supply planning, inventory optimization, shelf life planning. We explain how to improve responsiveness with order-based allocation planning, sales order confirmation, and big deal / tender management coupled with simultaneous re-planning of supply. The book closes with a chapter on performance measurement, measurement of effectiveness, efficiency, and adherence.

Are you tired of being constantly bogged down by overly technical information? This book provides exactly what functional consultants are looking for: information on how to connect Materials Management (MM) in SAP with industry best-business processes and practices. Get the big picture you need! MM: When, Why, and How Understand when and why to use each MM functionality to suit your specific business processes, and then learn how to accomplish the specific task with process steps.

Step up your SAP PP game! Learn how to configure SAP ERP Production Planning for discrete, process, and repetitive manufacturing and master BOM status definitions, process message characteristics, and master data. Dive into SAP PP workflows and use Process Management, release production orders, and create planning tables. Covering everything from S&OP and MRP to SAP Demand Management and the Early Warning System, this book will help you get your production process to maximum efficiency!

Explains the key financial integration points in Materials Management Includes best practices, real-world examples, and configuration steps for logistics, business transactions, and more Teaches you how to integrate procurement and financial accounting processes 2nd Edition Updated for SAP ERP 6.0, EHP 5 and 6 Master Financial Accounting (FI) and Materials Management (MM) with this completely updated and comprehensive guide. Explore the integration of MM and FI and optimize your entire supply chain network with ease. Ensure that you have the right product, in the right place, at the right quantity and price to meet your business needs. With a practical, straightforward approach, benefit from real-world examples, troubleshooting techniques, and step-by-step descriptions to create a smooth and efficient procurement process. Relationship between Materials Management and Financial Accounting Discover the relationship between Materials Management and Financial Accounting and learn how to drive an efficient procurement process. Configure your SAP Procurement Configure the

FI and MM components with ease and learn the pros and cons of each within an SAP ERP workflow. MM and FI Processes and Concepts Improve your procurement process with a flexible and integrated MM solution set that highlights FI compliance and account and controlling postings. Technical Meets Functional Discover the technical aspects of SAP ERP functionality, including coding and database tables to help you develop a more technical understanding of integration issues. Second Edition, Updated and Expanded Updated to include new and expanded content on differential invoicing with respect to purchasing, inventory management, invoice verification, and more.

The Advanced Planner and Optimiser (APO) is the software from SAP dedicated to supply chain management. This book addresses the question of how to implement APO in a company. It is written from a long years' experience in implementation projects and provides project managers and team members with the necessary know-how for a successful implementation project. The focus is on introducing modeling 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 covered.

- Discover how SAP Logistics benefits an organization
- Improve your supply chain and transportation processes
- Complete guide to SAP's logistics solutions with SAP ERP and SAP SCM

2nd edition, updated and expanded From goods issue and goods receipt, to procurement, to inventory and warehousing, the pace of logistics is picking up. Keep yours moving with this reader-friendly guide to SAP ERP and SAP SCM. Learn how each component works, the advantages it offers, and how this fully integrated solution addresses the challenges facing today's companies. Improve logistics efficiency in key areas, such as product planning, plant maintenance, and sales and distribution. Logistics Processes Walk through the key logistics processes enabled by SAP ERP and SAP SCM: procurement and logistics execution, product development and manufacturing, and sales and service components. Practical Application Apply tips and techniques gleaned from detailed case studies to your own logistics processes. New Technologies Keep up with changes in available logistics functionality with coverage on SAP HANA, Ariba, and the Logistics Rapid Deployment Solution. Clear and Concise Learn about the SAP Logistics solutions without the technical jargon. Updated and Expanded This second edition unites SAP ERP and SAP SCM logistics coverage. New topics include SAP APO, SAP PLM, and SAP EWM.

Explore key procurement processes and the day-to-day use of SAP MM Learn essential troubleshooting and problem-solving techniques Reduce ordering costs, decentralize purchase orders, and engage all levels of employees for successful procurement practices Cut straight to the heart of the matter with this book: efficiently using Materials Management (MM) in SAP ERP. This book teaches you everything you need to use MM in your everyday job. You'll find explanations of key procurement processes and how MM fits in, and then get down to the nitty-gritty. Written for procurement from the plant floor, this book will be an essential companion to you for your MM journey. Learn crucial system navigation, how to troubleshoot problems and system issues, and explore advanced functions and concepts that will improve your MM experience. Additionally, the book includes useful recommendations on how to perform procurement activities with fewer steps and greater ease.

Going beyond the usual supply chain text, Principles of Supply Chain Management not only details the individual components of the supply chain but also illustrates how the pieces must come together. Providing the logic behind why supply chain management is essential, the text examines how supply chains are evolving, looks ahead to future developments, and also provides a balanced look at supply chains with a focus on

where it needs to be—the customer. It also: Describes the forward supply chain (from the supplier to the customer) and the reverse supply chain (recycling) Reviews contemporary sustainability concepts including triple bottom line, cradle-to-grave, and cradle-to-cradle Includes extensive discussions on retailing, distribution, and manufacturing topics Details supply chain flows of physical goods, information, and funds Highlights the need for coordinated change in technology, infrastructure, and cultures among supply chain members From the point of distribution all the way back to the point of origin, the text provides examples and case histories that illustrates a proven approach for achieving effective supply chain integration. This self-contained resource provides readers with a realistic appraisal of the state of the art in supply chain management and the understanding needed to build and manage effective supply chains in a wide-range of industries. Most importantly, it emphasizes the need for building and maintaining cooperation and collaboration among all members of the supply chain.

This comprehensive reference shows you how to best use the cross-company modules APO-DP and APO-SNP in your supply chain, for a wide variety of tasks such as carrying out accurate forecasts and optimally utilizing the means of transport. A general overview of planning tasks in SAP APO is followed by a detailed description of the functions and use of demand planning (DP), which is intended to provide answers to the following questions: How can you create accurate forecasts on the basis of historical data? How can these forecasts be used to optimize the planning process? Readers also benefit from in-depth coverage of the functions of inventory and distribution resource planning (SNP). Learn how to increase customer satisfaction, improve your inventory planning, optimize the utilization of transport methods, and much more. Customization and master data parameters are explored in detail. In addition, integration with mySAP ERP and the system architecture are discussed as well. The book concludes by presenting readers with a complete end-to-end implementation plan.

“Logistic Core Operations with SAP” not only provides an overview of core logistics processes and functionality—it also shows how SAP’s Business Suite covers logistic core operations, what features are supported, and which systems can be used to implement end-to-end processes in the following logistic core disciplines: Procurement, Distribution, Transportation, Warehouse Logistics and Inventory Management, and Compliance and Reporting. In this context the authors not only explain their integration, the organizational set-up, and master data, but also which solution fits best for a particular business need. This book serves as a solid foundation for understanding SAP software. No matter whether you are a student or a manager involved in an SAP implementation, the authors go far beyond traditional function and feature descriptions, helping you ask the right questions, providing answers, and making recommendations. The book assists you in understanding SAP terminology, concepts and technological components as well as their closed-loop integration. Written in a clear, straight-forward style and using practical examples, it contains valuable tips, illustrative screenshots and flowcharts, as well as best practices—showing how business requirements are mapped into software functionality.

"Ready to get S&OP working for you? See how to configure SAP Integrated Business Planning to fit your organization, from master data types to planning levels. Then

execute demand planning, perform unconstrained or constrained supply planning, and consolidate the results into views with step-by-step instructions. Get more out of your new SAP IBP implementation with what-if scenarios, KPIs, dashboards, and built-in integrations"--

How can you reduce expensive warehouse stock without risking your customer satisfaction, ability to deliver, and market position? This book teaches you how by providing clear, straightforward details about the SAP system options for implementing efficient inventory management. You'll learn about all of the different functions of SAP ERP and SAP SCM (SAP APO) that are needed to master inventory optimization. In addition, you'll learn about the critical factors that affect your inventory, from inventory analysis, demand planning, and MRP, to service level, lot size, production, and inventory monitoring. This completely updated and expanded second edition includes new sections on MRP and inventory controlling, and is based on SAP ERP 6.0 and SAP SCM 5.1.

Get MM on SAP S/4HANA! Set up the master data your system needs to run its material management processes. Learn how to define material types, MRP procedures, business partners, and more. Configure your essential processes, from purchasing and MRP runs to inventory management and goods issue and receipt. Discover how to get more out of SAP S/4HANA by using batch management, special procurement types, the Early Warning System, and other built-in tools. Highlights include: 1) Materials master data 2) Vendor master data 3) Business partners 4) Purchasing information data 5) Batch management 6) Material requirements planning (MRP) 7) Inventory management 8) Goods issue/goods receipt (GI/GR) 9) Material Ledger 10) Invoice verification 11) Document management 12) Reporting

The purpose of this book is to help you with the development and implementation of a successful End-to-End Supply Chain Management - Strategy: optimising your processes from manufacturer to retailer. This book answers four questions: - How to develop an end-to-end supply chain - strategy? - How to create the necessary supply chain infrastructure? - How to make collaboration work between the partners in the network? - How to plan and manage the supply chain flows? It will enable you to: - Systematically improve your sales productivity in the retail stores; - Enhance the operational / qualitative performance of your processes and those of your partners in the supply chain; - More effectively balance the trade-off Time v Costs. This book provides you with: - A Supply Chain System - Model: a framework to develop your End-to-End Supply Chain; - 10 Strategic Building Blocks which can be used as a toolkit; - 50 Lessons Learned based on experiences from practice; - A strategic roadmap: to plan, organise, lead and control your supply chain. The 2nd edition (in hardcover and color) has many new cases, toolboxes and a new chapter on process management. In addition, more attention is given to topics like procurement, demand planning, omnichanneling and supply chain-design, -planning and -execution. For whom has this book been written? This book is useful for thinkers and practitioners! For everyone who wants to learn more about supply chain management and the development and implementation of an end-to-end supply chain strategy. This book is also available as paperback in black and white with the title Supply Chain Management, 2nd edition. Materials management has transitioned to SAP S/4HANA--let us help you do the same! Whether your focus is on materials planning, procurement, or inventory,

