

The Sap Materials Management Handbook

Mounting emphasis on construction supply chain management (CSCM) is due to both global sourcing of materials and a shortage of labor. These factors force increasing amounts of value-added work to be conducted off-site deep in the supply chain. Construction Supply Chain Management Handbook compiles in one comprehensive source an overview of the diverse research and examples of construction supply chain practice around the world. Reflecting the emergence of CSCM as an important area of multi-national research and practice, this volume takes an interdisciplinary perspective with contributions from leading international authors in three major areas: production and operations analysis, organizational perspectives, and information technology. The book begins with a survey of the current literature on modeling construction supply chain production and describes a set of approaches and methods for designing and operating project supply chains with references to design and materials production. It provides the basic framework for understanding the challenges and approaches to representing and improving supply chain performance. The next section recognizes the importance of considering arrangements between the different firms involved in designing, procuring, and assembling construction, and reviews various perspectives to understanding and improving organizational issues in the supply chain. The final section provides an overview of a range of information technologies that can contribute to supply chain performance, as well as examples of effective use. The organization and sourcing of materials is increasingly complex across the global construction industry. Construction clients are demanding faster, more responsive construction processes and higher quality facilities. This volume provides an invaluable resource to understanding the implications of supply chain management, which is sure to result in more effective construction project execution.

This book offers a comprehensive, up-to-date presentation of the tasks and challenges facing internal audit. It presents the Audit Roadmap, the process model of internal auditing developed at SAP® which describes all stages of an audit. Coverage provides information on issues such as the identification of audit fields, the annual audit planning, the organization and execution of audits as well as reporting and follow-up. The handbook also discusses management-related subjects. Separate chapters are dedicated to special topics like IT or SOX audits. ERP Systems for Manufacturing Supply Chains: Applications, Configuration, and Performance provides insight into the core architecture, modules, and process support of ERP systems used in a manufacturing supply chain. This book explains the building blocks of an ERP system and how they can be used to increase performance of manufacturing supply chains. Starting with an overview of basic concepts of supply chain and ERP systems, the book delves into the core ERP modules that support manufacturing facilities and organizations. It examines each module's structure and functionality as well as the process

support the module provides. Cases illustrate how the modules can be applied in manufacturing environments. Also covered is how the ERP modules can be configured to support manufacturing supply chains. Setting up an ERP system to support the supply chain within single manufacturing facility provides insight into how an ERP system is used in the smallest of manufacturing enterprises, as well as lays the foundation for ERP systems in manufacturing organizations. The book then supplies strategies for larger manufacturing enterprises and discusses how ERP systems can be used to support a complete manufacturing supply chain across different facilities and companies. The ERP systems on the market today tend to use common terminology and naming for describing specific functions and data units in the software. However, there are differences among packages. The book discusses various data and functionalities found in different ERP-software packages and uses generic and descriptive terms as often as possible to make these valid for as many ERP systems as possible. Filled with insight into ERP system's core modules and functions, this book shows how ERP systems can be applied to support a supply chain in the smallest of manufacturing organizations that only consist of a single manufacturing facility, as well as large enterprises where the manufacturing supply chain crosses multiple facilities and companies.

This book provides an integrative Business Transformation Management Methodology, the BTM2, with an emphasis on the balance between the rational aspects of transformation and the often underestimated emotional readiness of employees to absorb and accept transformation initiatives. Comprising four phases - Envision, Engage, Transform, and Optimize - the methodology integrates expertise from areas such as strategy, risk, and project management. Covering the formal and informal structures and roles needed for a successful transformation, the authors cover a wide range of theory to help understand the phenomenon of transformation. A '360-degree' view on what business transformation means and how to manage it successfully, this handbook is suitable for business executives dealing with organizational change. A range of illustrative case studies ensure this is also a valuable resource for academics interested in change and transformation management.

Designed for SAP users as a quick reference or for computer science and business students, SAP MM Questions and Answers includes all the major concepts related to SAP MM functionality, technical configuration, and implementation in an easy-to-understand question and answer format. It discusses the new aspects related to SAP ERP 6.0 and all the important MM codes and concepts for materials and vendors, including clients, company codes, plants, storage locations, purchase organizations, etc. The organized and accessible format allows the reader to quickly find the questions on specific subjects and provides all of the details to pass certification exams in a step-by-step, easy-to-read method of instruction.

“This book provides a valuable resource for all those who seek to understand the

sources of supply chain risk and provides powerful insights into how that risk might be mitigated.” — Martin Christopher, Emeritus Professor of Marketing & Logistics, Cranfield School of Management, UK “This handbook is perfectly balanced with academic theory and real-world best practices making it a useful resource for both supply chain practitioners and students of the trade.” — Sean S. Murphy, President and CEO, Lootok “This book provides practitioners and students with an overview of good supply chain risk management practices, nicely illustrated with a diverse set of case examples.” — Stephan M. Wagner, Ph.D., Professor and Chair of Logistics Management, Swiss Federal Institute of Technology Zurich (ETH Zurich) Recent business trends, and practices, coupled with unpredictable external events have made many firms much more vulnerable to supply chain risk and disruptions than in the past. The Handbook for Supply Chain Risk Management offers the first comprehensive collection of diverse practices executives and practitioners in most any industry can adopt to proactively manage supply chain risks and improve their overall business performance.

Key Features

- Delivers valuable insights from 30 international contributing authors
- Provides comprehensive coverage of current and future supply chain risks such as globalization, outsourcing, Lean initiatives, information security, natural disasters, political upheaval and economic recession
- Includes a wide variety of cases from various industries demonstrating effective approaches useful for benchmarking, reducing the chance and financial impact of risk, and for creating a more robust and resilient firm in the face of supply chain risk
- Supplies practitioners with a set of best practices, processes, tools, and techniques supported by illustrative examples
- WAV offers downloadable instructional materials — available from the Web Added Value™ Download Resource Center at www.jrosspub.com

"This book provides a practical reference that you will return to again and again in an ever-changing corporate environment where the demands on IT continue to increase. Make your first 100 days really count with the fundamental principles and core concepts critical to your success as a new IT Manager outlined in this valuable resource. The book also discusses how to work with your customers, manage your budget, develop an overall IT strategy and demonstrate the value of IT to the company"--

Originally published: The new SAP blue book. c2006.

Revised edition of the authors' SAP SuccessFactors employee central, [2016] 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.

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.

This introductory textbook describes the basics of supply chain management, manufacturing planning and control systems, purchasing, and physical distribution. The fourth edition makes additions in kanban, supply chain concepts, system selection, theory of constraints and drum-buffer-rope, and need for

Can we align global production and consumption systems with sustainability? Can business growth actually lead to a healthier planet? Can companies innovate through the circular economy to create competitive advantage and genuine impact? Waste to Wealth proved that the emerging circular economy advantage exists – now Lacy, Long and Spindler show you how to realize it at speed and scale in *The Circular Economy Handbook*. We stand at a crossroads, with rising geopolitical and geo-economic tensions, massive technological change and a host of social and environmental challenges. We are pushing planetary boundaries to their limits, with climate change and threats to biodiversity and oceans as just a few examples. Significant impacts are already being felt, and both people and planet face potentially catastrophic and irreversible consequences if we don't urgently change our global model and systems. Our current linear "take, make, waste" models of production and consumption will not be sustainable in a world of some 9 billion people by 2050, especially with ever-expanding rates of consumption. Thriving within these dynamics demands more than incremental adjustments to business-as-usual. The circular economy offers a powerful means to decouple growth from use of scarce and harmful resources, enabling greater production and consumption with fewer negative environmental impacts—at the same time, making companies

more innovative and competitive. In fact, this book shows that \$4.5 trillion in economic value is at stake. Delivering on the promise of a circular economy demands impact and scale, extending through value chains and, ultimately, disrupting the entire economic system. In *The Circular Economy Handbook*, the authors illuminate the path from insight to action, from linear to circular. With case studies, advice and practical guidance, they show leaders how to pivot towards a holistic circular organization, embedding circularity internally and delivering broad-based system change. With unique insights across business models, technologies, and industries – featuring stories and real-world examples from circular pioneers – this book is the essential guide to help companies become leaders in the movement to secure the circular economy advantage. In today's unforgiving business environment where customers demand zero defect software at lower costs—it is testing that provides the opportunity for software companies to separate themselves from the competition. Providing a fresh perspective on this increasingly important function, *Software Testing as a Service* explains, in simple language, how to use software testing to improve productivity, reduce time to market, and reduce costly errors. The book explains how the normal functions of manufacturing can be applied to commoditize the software testing service to achieve consistent quality across all software projects. This up-to-date reference reviews different software testing tools, techniques, and practices and provides succinct guidance on how to estimate costs, allocate resources, and make competitive bids. Replete with examples and case histories, this book shows software development managers, software testers, testing managers, and entrepreneurs how proper planning can lead to the creation of software that proves itself to be head and shoulders above the competition. Revised edition of the authors' *Procurement with SAP MM*, 2014.

This up-to-date quick reference guides the reader through the most popular SAP module. It includes material on SAP ERP Financials, SAP FICO, and SAP R/3. Unlike most books that only provide questions and answers for certification or interview preparation, this book covers fifty common business situations related to ERP Financials/FICO and provides practical solutions for them. In addition, the book begins with over 200 FAQs and certification questions for those who need a quick review of the material. A CD-ROM with FICO templates, short cuts, and color figures from the book is included with the text.

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, this guide will teach you to configure and manage your critical processes in SAP S/4HANA. Start by creating your organizational structure and defining business partners and material master data. Then get step-by-step instructions for defining the processes you need, from creating purchase orders and receiving goods to running MRP and using batch management. The new MM is here! Material master data Business partner master data Batch management Purchasing Quotation management Material requirements planning (MRP) Inventory management Goods issue/goods receipt (GI/GR) Invoicing Valuation Document management Reporting Although tens of thousands of global users have implemented Systems, Applications, and

Products (SAP) for enterprise data processing for decades, there has been a need for a dependable reference on the subject, particularly for SAP materials management (SAP MM). Filling this need, The SAP Materials Management Handbook provides a complete understanding

Centralize and Control Enterprise Project Management Plan, execute, and track projects across the entire lifecycle using SAP Project System (PS) and the in-depth information contained in this comprehensive volume. SAP Project System Handbook explains how to configure PS for optimal performance, design structures and networks, create project blueprints, generate cost estimates and materials demands, and use the latest SAP tools. You will find full details on scheduling work, automating and tracking billing and POs, triggering events, and integrating with most other SAP modules. An invaluable reference to PS transaction codes is also included. Configure and customize SAP Project System Build PS objects, networks, and Work Breakdown Structures Use customer and service projects to track sales and billing Understand Assembly Processing concepts Create integrated cost, settlement, and resource plans Develop financial, workforce, and materials management blueprints Perform resource-related billing using Dynamic Item Processor Profiles Simulate and automatically generate sales documents, POs, and quotations Manage corporate investments with IM structures and AUCs Construct timesaving Project, Network, and Milestone Templates Extend functionality with the Project Builder, Planning Board, and ProMan

Whether you're entering data, using SAP software on a daily basis, or need a foundational knowledge of navigating the SAP system, this book offers detailed steps and screenshots that walk you through the processes you need to do your job: logging on to the system, navigation and maintenance, creating reports, printing, and more.

The first and only book to offer detailed explanations of SAP ERP sales and distribution As the only book to provide in-depth configuration of the Sales and Distribution (SD) module in the latest version of SAP ERP, this valuable resource presents you with step-by-step instruction, conceptual explanations, and plenty of examples. If you're an SD consultant or are in charge of managing an SAP implementation in your enterprise, you'll want this valuable resource at your side SAP is one of the leading Enterprise Resource Planning (ERP) software products on the market, with over 40,000 implementations Covers the latest version of SAP ERP-ECC 6.0 Covers common through advanced configurations, so it's helpful no matter what your level of experience with SAP Explains the conceptual framework behind the configuration process If your company uses the SD module, keep this indispensable guide on hand.

Implement a powerful end-to-end SAP administration solution Get peak performance from your SAP ERP infrastructure using the detailed implementation, maintenance, and support information in this comprehensive resource. SAP Basis Administration Handbook, NetWeaver Edition delivers integrated management strategies covering both ABAP and Java stacks. Discover how to deploy components, accurately size throughout, configure Oracle databases, back up your system, and repair performance problems. Career trends, certification requirements, and marketable SAP Basis skills are also discussed in this practical guide. Essential Skills for SAP Professionals: Plan, prepare, and install SAP NetWeaver Application Server Set up, configure, and troubleshoot Java and ABAP stacks Establish server infrastructure and efficiently balance workloads Incorporate transport management and software logistics Resolve performance issues and startup problems Access SAP support infrastructure through SAP Service Marketplace Manage and back up Oracle databases using BR*TOOLS Perform system copies, stack upgrades, and OS/DB migrations

To build reliable, industry-applicable software products, large-scale software project groups must continuously improve software engineering processes to increase product quality, facilitate cost reductions, and adhere to tight schedules. Emphasizing the critical components

of successful large-scale software projects, *Software Project Management: A Process-Driven Approach* discusses human resources, software engineering, and technology to a level that exceeds most university-level courses on the subject. The book is organized into five parts. Part I defines project management with information on project and process specifics and choices, the skills and experience needed, the tools available, and the human resources organization and management that brings it all together. Part II explores software life-cycle management. Part III tackles software engineering processes and the range of processing models devised by several domestic and international organizations. Part IV reveals the human side of project management with chapters on managing the team, the suppliers, and the customers themselves. Part V wraps up coverage with a look at the technology, techniques, templates, and checklists that can help your project teams meet and exceed their goals. A running case study provides authoritative insight and insider information on the tools and techniques required to ensure product quality, reduce costs, and meet project deadlines. Praise for the book: This book presents all aspects of modern project management practices ... includes a wealth of quality templates that practitioners can use to build their own tools. ... equally useful to students and professionals alike. —Maqbool Patel, PhD, SVP/CTO/Partner, Acuitec

Supply Chain is a process and flow of activities that touch all the primary areas of Finance, Sales & Distribution and Materials Management plus (at least) Production and Quality management. The target audience of this book is the users in organizations and SAP consultants though the book is very exhaustive and is of use to practically anyone interested in SCM. This Supply Chain manual will thus involve all functions across this entire spectrum. It covers the important transactional functions relating to the entire Order to cash, Requisition to Pay, General Ledger & daily and periodic financial activities in any organization. In writing this book, I have stayed away from all frills and concentrated on providing only useful subject matter with tips and tricks based on over my multiple years experience in SAP implementations and consulting. This book is not a result of overnight arrangement but a composition of several years of training and understanding of Business processes across multiple industries in various disciplines. I believe it is as comprehensive as any book can be for users new and old, to conducting Supply Chain functions on SAP. This manual will be very useful to someone trying to make an entry into the field of SAP as a user and not knowing where to begin, to companies already implementing or running SAP and to consultants wanting to explore the user side better to become more comfortable with the Business lingo.

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.

This step-by-step handbook is aimed at providing production and inventory managers the tools they need to choose and implement an optimal materials and capacity requirements planning (MCRP) system that helps reduce costs, increase sales, and improve their firm's competitive position. At the same time, it should prepare readers for the materials and capacity requirements certification exam given by the American Production and Inventory Control Society (APICS). 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.

Discover BIM: A better way to build better buildings Building Information Modeling (BIM) offers a novel approach to design, construction, and facility management in which a digital representation of the building product and process is used to facilitate the exchange and interoperability of information in digital format. BIM is beginning to change the way buildings look, the way they function, and the ways in which they are designed and built. The BIM Handbook, Third Edition provides an in-depth understanding of BIM technologies, the business and organizational issues associated with its implementation, and the profound advantages that effective use of BIM can provide to all members of a project team. Updates to this edition include: Information on the ways in which professionals should use BIM to gain maximum value New topics such as collaborative working, national and major construction clients, BIM standards and guides A discussion on how various professional roles have expanded through the widespread use and the new avenues of BIM practices and services A wealth of new case studies that clearly illustrate exactly how BIM is applied in a wide variety of conditions Painting a colorful and thorough picture of the state of the art in building information modeling, the BIM Handbook, Third Edition guides readers to successful implementations, helping them to avoid needless frustration and costs and take full advantage of this paradigm-shifting approach to construct better buildings that consume fewer materials and require less time, labor, and capital resources.

Designed as a comprehensive reference for programmers and SAP? users or as review for certification, this book includes all of the major concepts related to the SAP Materials Management (MM) module functionality, technical configuration, and implementation. With an easy-to-follow writing style, it begins with an introduction of the SAP ERP system and extends to the architecture of SAP R/3? technology. A complete glossary is included to help the reader understand the myriad of terms used with this module. This book serves as an excellent reference for both the earlier and more recent versions of SAP software. Although tens of thousands of global users have implemented Systems, Applications, and Products (SAP) for enterprise data processing for decades, there has been a need for a dependable reference on the subject, particularly for

SAP materials management (SAP MM). Filling this need, The SAP Materials Management Handbook provides a complete understanding of how to best configure and implement the SAP MM module across various types of projects. It uses system screenshots of real-time SAP environments to illustrate the complete flow of business transactions involved with SAP MM. Supplying detailed explanations of the steps involved, it presents case studies from actual projects that demonstrate how to convert theory into powerful SAP MM solutions. Includes tips on the customization required for procurement of materials and inventory management Covers the range of business scenarios related to SAP MM, including the subcontracting cycle and consignment cycle Provides step-by-step guidance to help you implement your own SAP MM module Illustrates the procure to pay lifecycle Depicts critical business flows with screenshots of real-time SAP environments This much-needed reference explains how to use the SAP MM module to take care of the range of business functions related to purchasing, including purchase orders, purchase requisitions, outline contracts, and request for quotation. It also examines all SAP MM inventory management functions such as physical inventory, stock overview, stock valuation, movement types, and reservations—explaining how SAP MM can be used to define and maintain materials in your systems.

This book is for managers and would-be managers who need to upgrade their knowledge of digital marketing. Told from the perspective of marketing strategy, it puts digital marketing in the context of firm strategy selection. The first step in digital marketing is to understand your company and your brand. The second step is to put content and keywords on your website so that they can be found in search. Third, use the other delivery platforms of digital marketing, e-mail, social, and mobile, to deploy that content to the customer. The final topics in the book focus on the importance of data management and privacy. The author discusses how to develop a database and to create an organization that puts data quality at its center. These practices are as critical to digital marketing success as the delivery platforms. Without quality data, no digital marketing program can be successful.

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

Dive into this best-selling guide on SAP Material Master! Walk through basic concepts

on how to tailor the SAP Material Master to your production environment, as well as learn detailed information on material master settings and their impact. This book provides the opportunity for readers to better understand their unique environment and how to make the SAP Material Master work for them. Veteran SAP Materials Management (MM) expert Matthew Johnson provides best practices for how to approach common scenarios, and offers cost-saving tips. Find out why planning is the most important (and often overlooked) aspect of understanding the SAP Material Master. Review how material master settings impact FI/CO and other SAP modules. This second edition incorporates feedback from first-edition readers and solution updates, along with a new section on subcontracting. By using practical examples, tips, and screenshots, the author brings readers up to speed on best practices for optimizing use of the SAP Material Master. - Fundamental SAP Material Master concepts - How settings impact other modules in SAP - Cost-effective procurement and planning techniques - Inventory and quality management best practices

Are you an SAP Business One user who wants to make your life easier? Tune out the wide world of SAP and zone in on the SAP B1 tasks and transactions that support all of your critical processes from financials to production and beyond. With step-by-step instructions and tips from members of the SAP Business One North American Partner Advisory Council, including Carl Britton Lewis, this book is what you've been waiting for: The key to doing your job better in SAP B1.

The Complete Business Process Handbook is the most comprehensive body of knowledge on business processes with revealing new research. Written as a practical guide for Executives, Practitioners, Managers and Students by the authorities that have shaped the way we think and work with process today. It stands out as a masterpiece, being part of the BPM bachelor and master degree curriculum at universities around the world, with revealing academic research and insight from the leaders in the market. This book provides everything you need to know about the processes and frameworks, methods, and approaches to implement BPM. Through real-world examples, best practices, LEADing practices and advice from experts, readers will understand how BPM works and how to best use it to their advantage. Cases from industry leaders and innovators show how early adopters of LEADing Practices improved their businesses by using BPM technology and methodology. As the first of three volumes, this book represents the most comprehensive body of knowledge published on business process. Following closely behind, the second volume uniquely bridges theory with how BPM is applied today with the most extensive information on extended BPM. The third volume will explore award winning real-life examples of leading business process practices and how it can be replaced to your advantage. Learn what Business Process is and how to get started Comprehensive historical process evolution In-depth look at the Process Anatomy, Semantics and Ontology Find out how to link Strategy to Operation with value driven BPM Uncover how to establish a way of Thinking, Working, Modelling and Implementation Explore comprehensive Frameworks, Methods and Approaches How to build BPM competencies and establish a Center of Excellence Discover how to apply Social BPM, Sustainable and Evidence based BPM Learn how Value & Performance Measurement and Management Learn how to roll-out and deploy process Explore how to enable Process Owners, Roles and Knowledge Workers Discover how to Process and Application Modelling Uncover Process Lifecycle, Maturity, Alignment and

Continuous Improvement Practical continuous improvement with the way of Governance Future BPM trends that will affect business Explore the BPM Body of Knowledge

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!

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