

Integral Logistics Management Planning And Control Of Comprehensive Supply Chains Second Edition Resource Management

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Integral Logistics Management - Paul Schönsleben 2003-09-25
Successful companies must strive to improve business processes on a comprehensive, coordinated level. Integral Logistics Management: Planning and Control of Comprehensive Supply Chains, Second Edition examines logistics in areas beyond the flow of goods, investigating administrative and planning logistics, or process control. What's New in Distribution Planning and Control - David Frederick Ross 2003-11-30
When work began on the first volume of this text in 1992, the science of distribution management was still very much a backwater of general management and academic thought. While most of the body of knowledge associated with calculating EOQs, fair-shares inventory deployment, productivity curves, and other operations management techniques had long been solidly established, new thinking about distribution management had taken a definite back-seat to the then dominant interest in Lean thinking, quality management, and business process reengineering and their impact on manufacturing and service organizations. For the most part, discussion relating to the distribution function centered on a fairly recent concept called Logistics Management. But, despite talk of how logistics could be used to integrate internal and external business functions and even be considered a source of competitive advantage on its own, most of the focus remained on how companies could utilize operations management techniques to optimize the traditional day-to-day shipping and receiving functions in order to achieve cost containment and customer fulfillment objectives. In the end, distribution management was, for the most part, still considered a dreary science, concerned with transportation rates and cost trade-offs. expediting and the tedious calculus Today, the science of distribution has become perhaps one of the most important and exciting disciplines in the management of business.

Directing the Flow of Product - Jeffrey H. Schutt 2004-05-15
While good software and data are necessities for effective supply chain planning, the right processes, policies, and organization are the most powerful keys for reducing costs and providing high service. This book reviews the state-of-the-art in production and distribution planning and presents principles and methods through which
Velocity Management in Logistics and Distribution - Joseph L Walden 2005-07-11

Conducting "business as usual" is out of step with today's rapid-fire, global economy. Velocity Management in Logistics and Distribution: Lessons from the Military to Secure the Speed of Business alerts commerce to the new reality that it must be more flexible and responsive in managing the unpredictability of its environment, particularly when it Supply Chain Networks and Business Process Orientation - Kevin P. McCormack 2016-04-19

With future competitive landscape shifting from competition between companies themselves to trading partner networks, understanding and mastering process design and change is becoming more critical than ever. In order to succeed, companies are starting to weave their key business processes into hard-to-imitate strategic capabilities that distinguish them from their competitors. Supply Chain Networks and Business Process Orientation: Advanced Strategies and Best Practices will help you "connect the dots" by offering insights on how to achieve greater integration within your supply chain networks and realize the performance possible with today's interaction economics. Based on exhaustive research of supply chains and newly successful networked corporations in the US and Europe, the authors demonstrate how your company can be successful in building an effective supply chain network.

Prescriptive benchmarking models illustrate proven strategies, tactics, and methods for achieving a superior level of supply chain performance. **Supply Chain for Liquids** - Wally Klatch 2005-05-27
Supply Chain for Liquids: Out of the Box Approaches to Liquid Logistics provides a thorough analysis of liquid logistics, a crucial but often overlooked business issue. It covers a broad range of topics including the business, operational, and technical aspects of the Supply Chain for Liquids's model, allowing readers to leverage the inherent properties of liquids toward business success. This volume details an approach that is justified based on both business and social/environmental value, offering a groundbreaking "how-to" guide for revolutionizing logistical operations and increasing competitive advantage. It challenges traditional thinking, enabling businesses to identify new ways to maximize efficiency and profit.

Supply Market Intelligence - Robert Handfield 2006-01-13
Supply Market Intelligence: A Managerial Handbook for Building Sourcing Strategies begins by defining supply market intelligence and discussing opportunities, the establishment of a project team, and conducting an internal business intelligence assessment. The book then examines the development of business and market intelligence, supplier evaluations, and sourcing strategies. It also explores how to execute a sourcing strategy, manage a strategic supplier relationship, and redesign an organization for effective supply-chain intelligence and strategic sourcing. This volume offers a benchmarking framework covering all facets of supply-chain management, and includes best practices and case studies of world-class companies.

Rapid Modelling for Increasing Competitiveness - Gerald Reiner 2009-06-13
A Perspective on Two Decades of Rapid Modeling It is an honor for me to be asked to write a foreword to the Proceedings of the 1st Rapid Modeling Conference. In 1987, when I coined the term "Rapid Modeling" to denote queuing modeling of manufacturing systems, I never imagined that two decades later there would be an international conference devoted to this topic! I am delighted to see that there will be around 40 presentations at the conference by leading researchers from around the world, and about half of these presentations are represented by written papers published in this book. I congratulate the conference organizers and program committee on the success of their efforts to hold the first ever conference on Rapid Modeling. Attendees at this conference might find it interesting to learn about the history of the term Rapid Modeling in the context it is used here. During the fall of 1986 I was invited to a meeting at the Headquarters of the Society of Manufacturing Engineers (SME) in Dearborn, Michigan. By that time I had successfully demonstrated several industry applications of queuing network models at leading manufacturers in the USA. Although in principle the use of queuing networks to model manufacturing systems was well known in the OR/MS community and many papers had been published, the actual use of such models by manufacturing professionals was almost nonexistent.

Advances in Production Management Systems. Towards Smart Production Management Systems - Farhad Ameri 2019-08-23
The two-volume set IFIP AICT 566 and 567 constitutes the refereed proceedings of the International IFIP WG 5.7 Conference on Advances in Production Management Systems, APMS 2019, held in Austin, TX, USA. The 161 revised full papers presented were carefully reviewed and selected from 184 submissions. They discuss globally pressing issues in smart manufacturing, operations management, supply chain

management, and Industry 4.0. The papers are organized in the following topical sections: lean production; production management in food supply chains; sustainability and reconfigurability of manufacturing systems; product and asset life cycle management in smart factories of industry 4.0; variety and complexity management in the era of industry 4.0; participatory methods for supporting the career choices in industrial engineering and management education; blockchain in supply chain management; designing and delivering smart services in the digital age; operations management in engineer-to-order manufacturing; the operator 4.0 and the Internet of Things, services and people; intelligent diagnostics and maintenance solutions for smart manufacturing; smart supply networks; production management theory and methodology; data-driven production management; industry 4.0 implementations; smart factory and IIOT; cyber-physical systems; knowledge management in design and manufacturing; collaborative product development; ICT for collaborative manufacturing; collaborative technology; applications of machine learning in production management; and collaborative technology.

Corporate Environmental Management Information Systems:

Advancements and Trends - Teuteberg, Frank 2010-06-30

"This book summarizes the state of the art in the emergent field of Corporate Environmental Management Information Systems, showing researchers, managers, engineers and information technology specialists how to develop and implement effective CEMIS"--Provided by publisher.

Basics of Supply Chain Management - Lawrence D. Fredendall 2000-12-28

Supply Chain Management (SCM) was once a "pie in the sky" concept that could not be fully achieved. A key barrier was the cost of communicating with and coordinating among the many independent suppliers in each supply chain. SCM is possible because of three changes: technology has developed that simplifies communication, new management paradigms ha

Information Systems, Logistics, and Supply Chain - Cecilia Temponi 2018-01-10

This book constitutes revised selected papers from the 6th International Conference on Information Systems, Logistics, and Supply Chains, ILS 2016, held in Bordeaux, France, in June 2016. The conference deals with topics related to supply chain design and management, information and decision-making systems, and innovative practices in logistics. It also encompasses issues such as sustainability, societal impact, uncertainty, and collaboration in supply chain management. The 13 full papers presented were carefully reviewed and selected for inclusion in this volume and reflect the diverse challenges and opportunities experienced in logistics, information and supply chain management. They were organized in topical sections named: transportation and logistics; supply chain planning; collaboration and operations in supply chain; and applications of supply chain topics to business environments (case studies).

Connective Technologies in the Supply Chain - Sameer Kumar 2007-03-05

Rapid time-to-market expectations and the demand for custom-tailored products present real challenges for the rigid and fixed linear supply chains that compete in today's economy. Connective technologies meet these challenges head on by integrating the necessary people, information, and products beyond their current limitations. Connective Technologies in the Supply Chain illustrates the impact that connective technologies have across supply chains. It provides strategic frameworks, conceptual and analytical models, and case studies that focus on the design, development, and implementation of these technologies as they pertain to the management of engineering and manufacturing operations. Placing particular emphasis on RFID, the book addresses issues that include those involving GPS, inventory management, quality control, mobile technology, and security challenges. The book presents an overview of RFID applications, its underlying concepts and principles, and a macro perspective on its implementation in the manufacturing and service sectors. It also provides a feasible design of the technology's enabled knowledge-based supply chain management system. Connective Technologies in the Supply Chain is an essential resource for those who would like to expand their knowledge of-and increase their success with-these applications.

Handbook Integral Logistics Management - Paul Schönsleben 2022-09-24

This well-established handbook presents integral logistics management as the management of the flow of goods, data and control along the comprehensive life cycle of products and services in both classical and

service industries. It offers a well-founded overview for managers, practitioners and advanced users. For the 6th edition, the content has been tightened and the following topics have been extended: the design of integrated offers of intangibles and tangibles goods in industrial product-service systems the integrated design of product, distribution, retail, service, and transportation networks for global location planning new examples of frameworks, standards and indices to practically demonstrate the social and environmental performance in sustainable in supply chains. Other new sections deal with: the benefit of different types of cooperation between the R&D and engineering departments in companies with an "engineer-to-order" (ETO) production environment the suitability of scenario planning for long-term demand forecasting, if influence factors of the surrounding systems play a role in an unknown manner. Furthermore, each section now contains at the beginning its intended learning outcomes (ILO). The material covers most of the key terms in the five APICS CPIM (Certified in Production and Inventory) modules as well as in the ASCM / APICS CSCP (Certified Supply Chain Professional) program.

Behavioral Operations in Planning and Scheduling - Jan C. Fransoo 2010-09-22

Human and organizational factors have a substantial impact on the performance of planning and scheduling processes. Despite widespread and advanced decision support systems, human decision makers are still crucial to improve the operational performance in manufacturing industries. In this text, the state of the art in this area is discussed by experts from a wide variety of engineering and social science disciplines. Moreover, recent results from collaborative studies and a number of field cases are presented. The text is targeted at researchers and graduate students, but is also particularly useful for managers, consultants, and system developers to better understand how human performance can be advanced.

Integrated Learning for ERP Success - Karl M. Kapp 2016-04-19

The results are in. The evidence has been analyzed. Research shows that the lack of enterprise-wide training is the biggest reason for ERP implementation failures. It is the single most important precursor to achieving success. Integrated Learning for ERP Success is the first resource to offer a specifically defined, comprehensive method for planning, delivering, and evaluating ERP training efforts. It even includes formulas for determining training return on investment. The Learning Requirements Planning (LRP) process presented involves a six-step enterprise-level instructional design model that when implemented correctly assures success. If you would rather have a root canal than oversee an ERP implementation, you are not alone. But like avoiding a root canal, avoiding ERP implementation only causes more pain. This book eases the implementation pain. It shows you how a formal plan for learning will increase the productivity of the ERP implementation team, shorten overall implementation time, and substantially decrease implementation costs. It also provides a discussion on how an ERP implementation can be used as a catalyst for lifelong organizational learning. Implementing an ERP system can cost three to ten times the actual software purchase price. You can't afford to waste money or time in the areas of ERP education. Integrated Learning for ERP Success shows you how to create learning-focused ERP implementations that provide substantial savings and the competitive advantage.

Lean Performance ERP Project Management - Brian J. Carroll 2002-02-27

Until now, Lean thinking has been narrowly focused on physical processes, causing serious shortcomings and failures in obtaining Lean benefits. Lean Performance ERP Project Management integrates strategy, people, process, and information technology into a project management methodology that applies Lean thinking to all processes. It uses Lean princ

The Practitioner's Guide to POLCA - Rajan Suri 2018-04-09

POLCA (Paired-cell Overlapping Loops of Cards with Authorization) is a card-based visual control system that manages the flow of jobs through the shop floor: at each operation, it controls which job should be worked on next to meet delivery targets. POLCA ensures that upstream operations use their capacity effectively by working on jobs that are needed downstream, while at the same time preventing excessive work-in-process (WIP) build-ups when bottlenecks appear unexpectedly. POLCA is particularly suited to companies manufacturing high-mix, low-volume and customized products. Such companies struggle with long lead times, late deliveries, and daily expediting to meet delivery dates. ERP systems are not designed to deal with this highly variable environment, and add-on software such as Finite Capacity Scheduling

systems can require complex installation. Also, the Kanban system does not work well with low-volume or custom production. POLCA has delivered impressive results in such environments. It does not require any complex software implementation: it can be used without an ERP system or it can seamlessly complement an existing ERP system. This book: Provides a step-by-step roadmap on how to implement POLCA; invaluable for both companies that wish to implement POLCA as well as consultants and academics advising such companies. Explains the concepts in practical and easy-to-understand terms by showing detailed shop-floor examples. Includes more than 100 illustrations for understanding how POLCA works as well as for elaborating on details of the implementation steps. Contains case studies written by company owners and executives documenting their POLCA implementation process and the results achieved in various industries in six countries.

Collaborative Systems for Production Management - Harinder Singh Jagdev 2013-11-11

Just as no man is an island, so no business can operate without being part of a network of businesses proactively collaborating and sharing information for mutual success. This book presents some of the latest thinking on collaborative systems by leading experts in the field.

RFID in Operations and Supply Chain Management - Thorsten Blecker 2008

Advanced Manufacturing. An ICT and Systems Perspective - Marco Taisch 2007-03-15

Manufacturing plays a vital role in European economy and society, and is expected to continue as a major generator of wealth in the foreseeable future. A competitive manufacturing industry is essential for the prosperity of Europe, especially in the face of accelerating deindustrialisation. This book provides a broad vision of the future of manufacturing, analysed from a system-management viewpoint and with a special focus on ICT-related matters. Each contribution presents a complex and multidisciplinary research domain from a specific perspective. The first part of the book gives an overview on technology: past, present and future, while the following topics are introduced in the latter part of the book: - Product Lifecycle Management - Sustainable Products and Processes - Production Scheduling and Control - Benchmarking and Performance Measures - Industrial Services - Human Factors and Education in Manufacturing - Collaborative Engineering - Supply Chain Integration The book is intended to provoke debate, build consensus and stimulate creative discussion, leading to further novel research initiatives in the future.

Handbook of Supply Chain Management - James B. Ayers 2006-04-24
Supply chain management (SCM) disciplines have produced a flood of new concepts, methods, and tools; if applied wisely, they will improve results. A resource that weeds out and consolidates this new information will lower the business risk of implementing change. Interpreting models and viewpoints from many fields into a supply chain context
Supply Chain Social Sustainability for Manufacturing - V. Mani 2018-06-26

This book highlights a number of social sustainability issues at different stages of the supply chain, and demonstrates how these issues can be addressed by adopting social sustainability practices in the manufacturing supply chain. In the wake of emerging social issues in developing countries, research on social sustainability has gained importance for academics and practitioners alike. The three distinguishable social sustainability dimensions in manufacturing that emerge as a result of this research provide insights for supply chain managers and practitioners who might otherwise be unaware of what constitutes social sustainability. A better understanding allows supply chain managers to address these issues more appropriately to increase their supply chain competitiveness in the market. The book presents a social sustainability scale that can be used by practitioners to measure supply chain social sustainability to benchmark their supply chains globally. The research also helps academicians to gain an understanding of the social issues related to the manufacturing supply chain, while the social measures developed serve as reference material for policy-makers and sustainability experts in emerging economies.

Manufacturing Handbook of Best Practices - Jack B. ReVelle 2001-12-26
Manufacturing Handbook of Best Practices: An Innovation, Productivity, and Quality Focus gives you a working knowledge of today's cutting edge tools - preparing you for the way you will be doing your job tomorrow. With contributions from seasoned manufacturing experts, the book provides a single-source reference to what's currently happening in mod
Supply Chain Architecture - William T. Walker 2004-10-14

"The book is highly readable, informative, thought provoking, and educational. At every stage, Walker challenges the reader to move away from conventional supply chain thinking to a broader-view, highly concise approach that focuses on the organization's objectives. The book will help you visualize a supply network and develop a blueprint for your *Integral Logistics Management* - Paul Schönsleben 2011-08-04
From the Foreword of the First Edition of *Integral Logistics Management: Operations and Supply Chain Management Within and Across Companies*: "Changes in the world outside the company alter the way that we look at problems and priorities in the company itself. This presents new challenges to company logistics and to planning & control of corresponding business processes." Written almost twelve years ago, these words are perhaps more true now than ever before. Incorporating the elements that made previous editions so popular with students and professors, the fourth edition reflects the expansion of the role of supply chain management to include all areas of industry and all objects in the product life cycle. New in the Fourth Edition: Assessing the economic value added of supply chain initiatives Local content regulations and tariff orientation in a supply chain Total Cost of Ownership (TCO) in a global supply chain Facility location planning (expanded) Sustainable supply chains Supply chain risk management Information management Each chapter includes summaries, keywords, cases, and exercises. Definitions of key concepts and terms are boxed for emphasis and important principles, examples, points to remember, prescribed procedures, steps of a technique or solutions for selected scenarios and exercises are highlighted with a gray background. Additional interactive Macromedia Flash elements are made available for download from the book's companion website. Magic formulas, catchwords, and simplifying theories do not stand much of a chance in logistics, operations and supply chain management. The complex reality of day-to-day operation of companies in industry and the service sector demands highly diligent detailed work. Covering all of the critical details in this area, the book equips students for tackling the logistics, planning, and managerial challenges they'll most certainly have to face.

The Portal to Lean Production - John Nicholas 2005-11-02

The Portal to Lean Production: Principles and Practices for Doing More with Less describes the steps, difficulties, and rewards of implementing lean production. The book moves beyond concepts to address practical matters. The authors provide enough information for you to begin implementing lean production within your organization. This book applies a model-the Portal to Lean Production-to illustrate principles and practices. The model reappears at the start of every chapter and serves to connect the concepts of each chapter with those in other chapters, and with basic lean production principles. This volume contains short vignettes that appear in every chapter of actual lean production implementations. Following these real-world examples, the text provides expanded coverage of topics to enable you to learn and apply concepts and principles. The authors enable you to see the context, application, and practical issues associated with lean production concepts and methods before learning details. The vignettes, based upon the work experience of co-author Avi Soni, help connect the concepts and tie them to practical examples.

Financial Models and Tools for Managing Lean Manufacturing - David Meade 2006-08-15

The effect Lean Manufacturing programs have on profit and loss statements during the early months of their implementation often causes them to be viewed as failures. The length of time it will take traditional financial reports to reflect lean manufacturing improvements depends upon how poorly the operation was doing in terms of inventory management

Green Technologies: Concepts, Methodologies, Tools and Applications - Management Association, Information Resources 2011-03-31

Green Technologies: Concepts, Methodologies, Tools and Applications assembles the most up-to-date collection of research results and recent discoveries in environmental and green technology. This comprehensive anthology covers a wide range of topics, i

Introduction to Management of Reverse Logistics and Closed Loop Supply Chain Processes - Donald F. Blumberg 2004-11-29

Increasing legislative and environmental pressure requires businesses to become more responsive to products that either have been returned or that are at the end of their useful lives. Life cycles are getting shorter, and efficient handling can save large amounts of money since many materials can be extracted and reused or redistributed. Reverse lo
Distribution - David Frederick Ross 1995-11-30

It has been said that every generation of historians seeks to rewrite what a previous generation had established as the standard interpretations of the motives and circumstances shaping the fabric of historical events. It is not that the facts of history have changed. No one will dispute that the battle of Waterloo occurred on June 11, 1815 or that the allied invasion of Europe began on June 6, 1944. What each new age of historians are attempting to do is to reinterpret the motives of men and the force of circumstance impacting the direction of past events based on the factual, social, intellectual, and cultural milieu of their own generation. By examining the facts of history from a new perspective, today's historians hope to reveal some new truth that will not only illuminate the course of history but also validate contemporary values and societal ideals.

Although it is true that tackling the task of developing a new text on logistics and distribution channel management focuses less on schools of philosophical and social analysis and more on the calculus of managing sales campaigns, inventory replenishment, and income statements, the goal of the management scientist, like the historian, is to merge the facts and figures of the discipline with today's organizational, cultural, and economic realities. Hopefully, the result will be a new synthesis, where a whole new perspective will break forth, exposing new directions and opportunities.

Supply Chain Cost Control Using Activity-Based Management - Matthew Zander 2006-07-19

Having an accurate assessment of company expenditures is a key to staying in business. Activity-based management (ABM) is the only system that offers the tools to correctly assess the outflow involved in a tightly knit supply chain and enables understanding not only of the total cost of ownership (TCO), but also how these costs should be allocated. *Supply Chain Cost Control Using Activity-Based Management* discusses the competitive advantage that cost analysis and management can bring to companies within a supply chain. Addressing a number of strategies to evaluate the total cost inherent in a customer-supplier relationship, this book uses TCO, activity-based costing (ABC), and ABM to analyze and control supply chain costs. It employs industry survey data to examine whether these techniques are being used in real life, which factors affect their usage in the supply chain, and whether they are producing results. Combining survey results with game theory, the authors suggest cost reduction strategies for competitive environments and predict the outcomes of these strategies. This cost-effective system helps businesses remain competitive and profitable. *Supply Chain Cost Control Using Activity-Based Management* shows the importance of partnerships in applying ABM principles to suppliers and demonstrates the positive results that ABM can have on elements of the TCO.

Supply Chain Management - Ralf Hieber 2002

Supply Chain and Logistics Management Made Easy - Paul Myerson 2015-04-30

This easy guide introduces the modern field of supply chain and logistics management, explains why it is central to business success, shows how its pieces fit together, and presents best practices you can use wherever you work. Myerson explains key concepts, tools, and applications in clear, simple language, with intuitive examples that make sense to any student or professional.

Integral Warehouse Management - Jeroen P. Van Den Berg 2007-05-10

Integral Warehouse Management is a new methodology for optimizing distribution centers. It creates transparency, increases the intelligence of WMS's and enhances collaboration in the supply chain.

Eaches or Pieces Order Fulfillment, Design, and Operations Handbook - David E. Mulcahy 2007-01-23

If your business uses warehouses to deal with the sales of goods, then you know that facility operations, shipping, and customer service are

important to your company's health. *Eaches or Pieces Order Fulfillment, Design, and Operations Handbook* offers insights for warehouse, distribution, or logistics professionals to make their "eaches or pieces" **Supply Chain Performance Management** - Wolfgang Kersten 2009

Disassembly Modeling for Assembly, Maintenance, Reuse and Recycling - A.J.D. (Fred) Lambert 2004-12-28

Industry has grown to recognize the value of disassembly processes across a wide range of products. Increasing legislation that may soon require mandatory recycling of many post-consumed goods and a desire to develop more environmentally benign end-of-life processes has fueled research into this concept. Traditionally, disassembly has been viewed a *RFID in the Supply Chain* - Judith M. Myerson 2006-11-20

Giving organizations the ability to track, secure, and manage items from the time they are raw materials through the life-cycle of the product, radio frequency identification (RFID) makes internal processes more efficient and improves overall supply chain responsiveness. Helping you bring your organization into the future, *RFID in the Supply Chain: A Guide to Selection and Implementation* explains RFID technology, its applications in SCM, data storage and retrieval, business processes, operational and implementation problems, risks, security and privacy, facility layout, handling systems and methods, and transportation costs. In short, with its soup-to-nuts coverage, the book ensures that your RFID implementation is successful and that you get the most from your investment. The book discusses the major paradigm shift in product traceability that began with transitioning to RFID technology from bar code technology. It examines the economic feasibility of rolling out RFID and the challenges in supply chain synchronization, customer privacy, security, operations and IT, logistics, program management, education and training, and implementation, as well as what lessons have been learned. The author addresses the RFID business processes needed to analyze and resolve problems the suppliers face when they deal with multiple customers, each with a different mandate, and with their own set of suppliers. Going beyond the technology and how it has changed supply chain processes, the book includes selection guidelines and implementation examples, such as speed of tag reads versus quality of computer inputs and optimal tag location. The author discusses the implementation of a business process model and the separate but equal concerns that business and IT executives have about the implementation of RFID applications. The book also covers security, integrated control management linked to the corporate strategy, and laws and regulations.

ERP - Carol A Ptak 2003-10-20

Completely revised and updated, *ERP: Tools, Techniques, and Applications for Integrating the Supply Chain, Second Edition* describes, from the perspective of a business manager, concepts and tools for enterprise planning, management, and execution. The text is written in an easy-to-read format, with many real examples from a variety of industries that illustrate key points. This book can be used over and over, as a quick reference to obtain insight into ERP topics. The Second Edition introduces many new topics, including: Supplier relationship management (SRM) Strategic sourcing Throughput supply chain measures such as inventory dollar days and throughput dollar days Product Life Cycle Management (PLM) Technology architecture choices Customer relationship management With the help of a Management Interactive Case Study System (MICSS) available for download, this volume explains the application of ERP tools and techniques to different types of businesses, and enables you to test the concepts in a computer simulation model. You can control the dynamics of handling an ERP program within a virtual company, and learn from the resulting analysis of how to guide to this company to financial success. This simulation package allows you to test your newly acquired knowledge before implementing your chosen ERP system.