

E Logistics Managing Your Digital Supply Chains For Competitive Advantage

This book gathers selected papers presented at the 2019 International Conference on Integrated Science in Digital Age (ICIS 2019), which was jointly supported by the Institute of Certified Specialists (ICS), Russia and Springer and held in Batumi, Georgia on May 10–12, 2019. The ICIS 2019 received roughly 50 contributions, by authors hailing from six countries. Following a peer-review process, the Scientific Committee – a multidisciplinary group of 110 experts from 38 countries around the globe – selected roughly 60% for publication. The main topics covered include: Artificial Intelligence Research; Digital Business & Finance; Educational Sciences; Health Management Informatics; Public Administration in the Digital Age; and Social Problem-solving.

Digital technology has changed the way we work, socialize, shop, play and learn. This book offers a stimulating exploration of how digitization has begun transforming the prevailing global logistics system into a self-service and sharing economy, and ultimately provides a vision of the monumental changes likely to overflow into the business landscape.

In the last decades, Chile has made tremendous progress towards greater economic prosperity and lower poverty. Per capita income more than doubled over the past 20 years and is now the highest in Latin America. These progresses have now come to a halt. Since October 2019 Chile has faced two unprecedented shocks, the social protests and the COVID 19 outbreak.

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InfoWorld is targeted to Senior IT professionals. Content is segmented into Channels and Topic Centers. InfoWorld also celebrates people, companies, and projects.

With the gradual resumption of economic activity, most businesses are facing a range of challenges associated with implementing measures to protect the health and safety of their employees. Some employers had to put certain business activities on hold and even start new ones in order to keep their organizations operating efficiently. The global COVID-19 pandemic plus digital transformation and the pressure of Industry 4.0 have challenged companies to manage their organizations in newfound ways. In the short term, they are facing enormous changes to their business plans; in the long term, they must adapt and continue to progress on their original goals. *Reviving Businesses With New Organizational Change Management Strategies* is a crucial reference book that analyzes the sensitivity of organizations to change management based on methodologies and tools to control impacts, to understand how employees will be impacted in their environment, and to learn how technology will help both the industry and professionals. This book also explores types of frameworks that are built for communication and business continuity, the importance of collaborative and interactive relationships for change management, and emotional factors and issues for change management. Covering topics including change management models, cybersecurity, Health 4.0, privacy and security, and information systems management, this text is essential for managers, executives, human resources managers, academicians, students, and researchers looking for successful business strategies that are leading to increased efficiency, performance, and growth.

This book presents trends, developments, and examples of how digital disruption is currently

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reshaping the logistics industry. Logistics is the invisible force behind the global economy, influencing and providing a lens into all economic activities. Chapters written by respected experts in the field describe how new technologies such as autonomous vehicles, blockchain, Internet of things (IoT), and state-of-the-art freight management solutions are fundamentally changing supply chain solutions. Special emphasis is placed on promising start-ups and venture capital firms around the world that are now investing in the future of logistics.

E-logistics serves as the nerve system for the whole supply chain and enables smooth information flow within and between organizations. This contributed book focuses on the strategic role of e-logistics in today's dynamic global environment. In E-Logistics international experts from both academia and industry examine how competitiveness and productivity in transport, logistics and supply chain management can be improved using e-logistics systems and technologies. A variety of successful e-logistics business approaches are discussed covering a range of commercial sectors and transport modes. Separate chapters consider e-logistics developments for air freight; rail freight; road freight; sea transport and port systems. Subsequent chapters address in depth support systems for B2C and B2B e-commerce and e-fulfilment, warehouse management, RFID, electronic marketplaces, global supply network visibility, and service chain automation. Industry case studies are used to support the discussion. The book also investigates emerging technologies in e-logistics and considers what the future might hold in this rapidly changing and developing field.

This management book presents value-driven business process management as a successful discipline to turn strategy into people- and technology-based execution, quickly and at minimal risk. It shows how to achieve high performance successfully in a digital business environment.

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Static business models do not keep pace with the dynamic changes in our digital world. Organizations need a management approach that fits this environment and capitalizes on its opportunities while minimizing the related risks. They need to execute their business strategy fast and reliably. In effect, they have to know how and when to modify or enhance their business processes, which processes are the best candidates for intervention, and how to move rapidly from strategy to execution. This means organizations need to establish business process management as a real management discipline. The importance of process innovation, digital technology and people aspects, process governance, internationalization, emerging processes and the unique situation in mid-market organizations are some of the key topics discussed in this book. It ends with a comprehensive case study and a discussion about what process engineers can learn from jazz musicians.

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From Preface: This text has a clear European foundation and an international appeal. In line with the globalisation of logistics, we have included cases from other parts of the world than Europe – diverse though European logistics solutions are – including South Africa, the United States, Japan, China and Australia. Accordingly, we start in Part One with the strategic role of logistics in the supply chain. We continue by developing the marketing perspective by explaining our view of ‘putting the end-customer first’. Part One finishes by exploring the concept of value and logistics costs. In Part Two, we review leveraging logistics operations in

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terms of their global dimensions, and of the lead-time frontier. Part Two continues by examining the challenges of coordinating manufacturing and retail processes, and the impact on logistics of just-in-time and the agile supply chain. Part Three reviews working together, first in terms of integrating the supply chain and second in terms of sourcing and supply management. Our book ends with Part Four, in which we outline the logistics future challenge. This text is intended for MSc students on logistics courses, and as an accompanying text for open learning courses such as global MSc degrees and virtual universities. It will also be attractive as a management textbook and as recommended reading on MBA options in logistics and supply chain management.

This proceedings volume explores the latest advances in transport and logistics, while also discussing the applications of modern information technologies, telecommunications, electronics, and prospective research methods and analyzing their impacts on society and the environment, which in turn determine the future development of these technologies. The book is intended for a broad readership, including transport and logistics business planners and technical experts, leveraging industry knowledge and facilitating technology adoption in promising business regions and transit corridors such as Ukraine, Kazakhstan, and others. The authors, who include policy planners and crafters as well as education and training professionals, address various types of intermodal transport such as rail, road, maritime, air, etc.

Using a reader-friendly, straightforward, yet interesting, approach, Langley/Novack/Gibson/Coyle's SUPPLY CHAIN MANAGEMENT: A LOGISTICS PERSPECTIVE, 11E blends logistics theory with practical applications. The latest content

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highlights emerging issues, technology developments, and global changes in the constantly evolving field of supply chain management. Learn how today's public and private organizations are responding to the continual pressure to modernize and transform their supply chains. Updated features and short cases offer hands-on managerial experience with the opportunity to examine key decisions and circumstances that supply chain managers face daily. New profiles introduce each chapter with real organizations, people, or events that emphasize the importance of what you are learning. Technology-focused features and global content examine key areas where change is occurring and provide a meaningful perspective on how today's changes impact current and future supply chains. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version. In the 21st century, advancements in the digital world are bringing about rapid waves of change in organizational management. As such, it is increasingly imperative to discover ways for businesses to adapt to changes in the markets and seize various digital marketing opportunities. *Improving Business Performance Through Innovation in the Digital Economy* is an essential reference source for the latest research on the impact of digital computing. It investigates new economic and entrepreneurial approaches to enhancing community development. Featuring research on topics such as business ethics, mobile technology, and cyber security, this book is ideally designed for knowledge workers, business managers, executives, entrepreneurs, small and medium enterprise managers, academicians, researchers, students, and global leaders seeking coverage on the management of sustainable enterprises.

The five-volume set IFIP AICT 630, 631, 632, 633, and 634 constitutes the refereed

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proceedings of the International IFIP WG 5.7 Conference on Advances in Production Management Systems, APMS 2021, held in Nantes, France, in September 2021.* The 378 papers presented were carefully reviewed and selected from 529 submissions. They discuss artificial intelligence techniques, decision aid and new and renewed paradigms for sustainable and resilient production systems at four-wall factory and value chain levels. *The conference was held online.

This volume provides a foundation in digital accounting by covering such fundamental topics as accounting software, XBRL (eXtensible Business Reporting Language), and EDI. The effects of the Internet and ERP on accounting are classified and presented for each accounting cycle, along with a comprehensive discussion of online controls.

This edited collection collates the most up-to-date and important research within the area of operations and logistics management. Boasting the combined expertise of one of the largest logistics and operations management academic teams in Europe, it provides both depth and diversity in a balanced portfolio. The first two sections are concerned with key contemporary issues in the subject area, providing a current and up-to-date overview of the field. Section three presents a selection of important cross-cutting themes that impinge upon and inform teaching, research and practice, while the final section includes a celebration of research highlights and showcases cutting-edge applications from leaders in the field. Invaluable to students, researchers and academics alike, this book is compulsory reading for those active within operations and logistics research.

In this edition, which features interviews with top business leaders from across

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the economy, as well as news and analysis, we cover: green economy, energy, finance, industry, agriculture, ICT, transport and logistics, construction, real estate, health, education, and tourism.

Companies across different industries are launching technology-enabled (digital) business transformation programs to improve their strategic, tactical, and operational supply chain processes. The greatest challenges that they are facing include the lack of preparation and knowledge of the digital transformation life cycle and poorly addressing or neglecting the “people-related” aspects of them. Therefore, improvement initiatives have been short-lived or incomplete, and expected business benefits have not been achieved or materialized. Technology Optimization and Change Management for Successful Digital Supply Chains is a pivotal reference source that provides vital research on the application of digital business transformation programs to improve strategic, tactical, and operational supply chain processes. While highlighting topics such as maturity models, predictive analysis, and communication planning, this publication explores the limited literature in the field of digital supply chain optimization and business transformation, and complements it with practical and proven tactics from the industry. This book is ideally designed for program managers, engineers, students, and practitioners seeking current research on the field’s latest best

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practices on digital supply chain enablement.

The field of Information Science is intertwined with the complexity present in society. The study object in this field refers to data, information, and knowledge generated, mediated, and appropriated by different individuals in the most diverse human activities. Thus, discussing complex issues that are intertwined with information management, knowledge management, innovation management, organizational intelligence, information mediation, information appropriation, and information literacy is essential for understanding the future perspectives of digital humanity. Role of Information Science in a Complex Society presents discussions that can be applied to local, regional, and national policies aimed at economic and social development and supports innovative actions in economic segments that depend on innovation. Highlighting topics that include information literacy, ethics, knowledge management, and organizational learning, this book is an ideal reference source for academicians, professionals, researchers, and students, as well as entrepreneurs from different economic segments.

The edited volume deals with different contours of data science with special reference to data management for the research innovation landscape. The data is becoming pervasive in all spheres of human, economic and development

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activity. In this context, it is important to take stock of what is being done in the data management area and begin to prioritize, consider and formulate adoption of a formal data management system including citation protocols for use by research communities in different disciplines and also address various technical research issues. The volume, thus, focuses on some of these issues drawing typical examples from various domains. The idea of this work germinated from the two day workshop on “Big and Open Data – Evolving Data Science Standards and Citation Attribution Practices”, an international workshop, led by the ICSU-CODATA and attended by over 300 domain experts. The Workshop focused on two priority areas (i) Big and Open Data: Prioritizing, Addressing and Establishing Standards and Good Practices and (ii) Big and Open Data: Data Attribution and Citation Practices. This important international event was part of a worldwide initiative led by ICSU, and the CODATA-Data Citation Task Group. In all, there are 21 chapters (with 21st Chapter addressing four different core aspects) written by eminent researchers in the field which deal with key issues of S&T, institutional, financial, sustainability, legal, IPR, data protocols, community norms and others, that need attention related to data management practices and protocols, coordinate area activities, and promote common practices and standards of the research community globally. In addition to the aspects touched

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above, the national / international perspectives of data and its various contours have also been portrayed through case studies in this volume.

"This multi-volume reference examines critical issues and emerging trends in global business, with topics ranging from managing new information technology in global business operations to ethics and communication strategies"--Provided by publisher.

The work contains selected and thoroughly reviewed research papers of the topics Operations Management, Supply Chain Management, Digitalization, Sustainability, Transportation Management, Process Management, Risk Management, Corporate Social Responsibility and Governance. The papers reflect the current state-of-the-art in logistics and supply chain management and new ideas and technical developments are discussed.

This book is the second of two volumes presenting a business model to add value through Procurement. Including several case studies of successful implementation, it demonstrates how the increasing complexity of the business environment requires a significant intervention on the management of processes and information within individual organizations and through inter-company relations. Agile Procurement presents the application of the Agile method which optimizes and digitizes processes in order to reduce wastage and defects. As a method, tool and a culture aimed at effectiveness, efficiency and economy of organizations, Agile Procurement requires a change of paradigm. This volume examines these areas of

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improvement and presents best practice in the digitization of the processes. The last chapter examines the near future developments of the procurement, which the author labels Procurement 4.0. It presents also how new solutions, like Blockchain, could revolutionize procurement.

Changes in the global economy bring new dynamics, concepts, and implications that require digitalization and adaptation. The new “normal” has changed, and companies must adopt such strategies if they want to survive in the ever-changing business environments. Business Management and Communication Perspectives in Industry 4.0 is a pivotal reference source that provides vital research on the planning, implementing, and evaluating of strategies for the new industry standards. While highlighting topics such as artificial intelligence, digital leadership, and management science, this publication theorizes about tomorrow’s business and communication environments based on the past and present of the concepts. This book is ideally designed for managers, researchers, educators, students, professionals, and policymakers seeking current research on blending managerial and communicational concepts with a multidisciplinary approach.

Offering a conceptual framework that integrates strategy, product, process and human resource research, this timely book interrogates these four critical and interrelated areas of innovation management. Chapters examine new insights into the latest trends in the field, providing a holistic view into key management strategies that benefit both up-and-coming and established businesses.

February issue includes Appendix entitled Directory of United States Government periodicals and subscription publications; September issue includes List of depository libraries; June and

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December issues include semiannual index

The digital transformation is in full swing and fundamentally changes how we live, work, and communicate with each other. From retail to finance, many industries see an inflow of new technologies, disruption through innovative platform business models, and employees struggling to cope with the significant shifts occurring. This Fourth Industrial Revolution is predicted to also transform Logistics and Supply Chain Management, with delivery systems becoming automated, smart networks created everywhere, and data being collected and analyzed universally. The Digital Transformation of Logistics: Demystifying Impacts of the Fourth Industrial Revolution provides a holistic overview of this vital subject clouded by buzz, hype, and misinformation. The book is divided into three themed-sections: Technologies such as self-driving cars or virtual reality are not only electrifying science fiction lovers anymore, but are also increasingly presented as cure-all remedies to supply chain challenges. In The Digital Transformation of Logistics: Demystifying Impacts of the Fourth Industrial Revolution, the authors peel back the layers of excitement that have grown around new technologies such as the Internet of Things (IoT), 3D printing, Robotic Process Automation (RPA), Blockchain or Cloud computing, and show use cases that give a glimpse about the fascinating future we can expect. Platforms that allow businesses to centrally acquire and manage their logistics services disrupt an industry that has been relationship-based for centuries. The authors discuss smart contracts, which are one of the most exciting applications of Blockchain, Software as a Service (SaaS) offerings for freight procurement, where numerous data sources can be integrated and decision-making processes automated, and marine terminal operating systems as an integral node for shipments. In The Digital Transformation of Logistics: Demystifying Impacts of the

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Fourth Industrial Revolution, insights are shared into the cold chain industry where companies respond to increasing quality demands, and how European governments are innovatively responding to challenges of cross-border eCommerce. People are a vital element of the digital transformation and must be on board to drive change. The Digital Transformation of Logistics: Demystifying Impacts of the Fourth Industrial Revolution explains how executives can create sustainable impact and how competencies can be managed in the digital age - especially for sales executives who require urgent upskilling to remain relevant. Best practices are shared for organizational culture change, drawing on studies among senior leaders from the US, Singapore, Thailand, and Australia, and for managing strategic alliances with logistics service providers to offset risks and create cross-functional, cross-company transparency. The Digital Transformation of Logistics: Demystifying Impacts of the Fourth Industrial Revolution provides realistic insights, a ready-to-use knowledge base, and a working vocabulary about current activities and emerging trends of the Logistics industry. Intended readers are supply chain professionals working for manufacturing, trading, and freight forwarding companies as well as students and all interested parties.

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