

## The Retail Transformation Deloitte University Press

International Transaction Journal of Engineering, Management, & Applied Sciences & Technologies publishes a wide spectrum of research and technical articles as well as reviews, experiments, experiences, modelings, simulations, designs, and innovations from engineering, sciences, life sciences, and related disciplines as well as interdisciplinary/cross-disciplinary/multidisciplinary subjects. Original work is required. Article submitted must not be under consideration of other publishers for publications.

Direct Store Delivery (DSD) is a key method of selling and distributing products for a variety of industries. In the consumer products industry, DSD is one of the strategic key growth areas, as the process delivers a broad range of business benefits to all parties of the value chain. Today, 24 of the world's Top 30 Fast Moving Consumer Goods companies employ the DSD business process.

Although DSD is gaining major and steadily increasing attention in the market, it has hardly been covered by literature and empirical studies. For the first time and including the input of both practitioners and academics, this book throws light on the topic of DSD from different perspectives, providing fresh insights and benefits. The book covers diverse topics. Among others, it delivers a deeper understanding of the DSD business process and why companies use it.

Furthermore, the global status quo of DSD usage and details of its implementation will be illustrated and multi-level insights (strategic, operational) will be discussed.

Real-life Solutions to the Challenges Facing Public Administrators! Complex management issues in the public sector can't be addressed with limited, short-term fixes. Strategic, well-conceived approaches are critical to meet your organization's long-term needs. Through expert advice and real-world examples, Strategic Public Management: Best Practices from Government and Nonprofit Organizations presents the solutions that today's public administrators are putting into practice to address a variety of challenges, including planning and managing core mission functions, integrating new technology, and pursuing measurable results. Nineteen contributors representing local and federal government, nonprofit organizations, and the academic world offer guidance, direction, and examples that focus on the many areas of concern to public sector professionals, including:

- Program operations
- Human capital issues
- Risk management
- Acquisition hurdles
- IT solutions
- Performance parameters

This critical resource is easy to read and navigate, and the expert viewpoints provide essential best practices for mid- and senior-level professionals. Tackle your organization's complex issues today by applying proven strategies!

Transformation programs are a common feature of global companies carrying out major strategic change projects. These programs combine business and technical expertise to bring together management and information systems. Managers rate firms' transformation competencies relatively poorly, and the

success rate of such endeavours is correspondingly low. Using a variety of case studies including: Allianz SE, Shell, SAP, Vodafone, and Mercedes-Benz, this book provides unprecedented insights into characteristics of current transformation programs and the potential that can be leveraged by applying a holistic transformation management approach.

In recent times, the advent of new technologies, the concerns about sustainability, and the new tastes of the youngest generations of luxury consumers have affected the traditional dynamics of the luxury goods markets. These emerging issues have caused significant changes in the marketing of luxury goods. Sustainable development is not a new practice in the luxury market but is of increasing importance. The real challenge is for luxury companies to overcome the residual corporate social responsibility perspective to embrace a real integration of environmental, ethical, and social concerns into the corporate strategy. Integrated output and sustainable processes, the introduction of non-financial reporting as operational practice, and a new orientation to circular economy practices are emerging issues that still today request for a deeper exploration both on the academic and managerial point of view. Digitalization is another relevant issue that is reshaping the business model of luxury companies. Big data, blockchain, omnichannel experience, and digital customer experience represent the main digital challenges that luxury brand companies are facing nowadays. Luxury brands must keep up with these digital demands and sustainability concerns to maintain their position in the global market. Developing Successful Global Strategies for Marketing Luxury Brands upgrades the most relevant theoretical frameworks and empirical research about the marketing of luxury goods. This book is focused on contemporary issues affecting luxury industries such as digital transformation (blockchain, big data, analytics, innovation processes), sustainable development, changes in luxury consumers' behavior, integration between physical and online channels, and the development of social media marketing strategies. Chapters will cover areas of marketing, management, buyer behavior, and international business, creating a multidisciplinary approach for this book. This book is ideal for scholars, local government agencies and public bodies, managers, luxury business owners, along with practitioners, stakeholders, researchers, academicians, and students who are interested in emerging issues affecting the luxury market, such as sustainability and digital transformation.

There is no doubt that there has been much excitement regarding the pioneering contributions of artificial intelligence (AI), the internet of things (IoT), and blockchain technologies and tools in visualizing and realizing smarter as well as sophisticated systems and services. However, researchers are being bombarded with various machine and deep learning algorithms, which are categorized as a part and parcel of the enigmatic AI discipline. The knowledge discovered gets disseminated to actuators and other concerned systems in order to empower them to intelligently plan and insightfully execute appropriate tasks with clarity

and confidence. The IoT processes in conjunction with the AI algorithms and blockchain technology are bound to lay out a stimulating foundation for producing and sustaining smarter systems for society. Advancing Smarter and More Secure Industrial Applications Using AI, IoT, and Blockchain Technology articulates and accentuates various AI algorithms, fresh innovations in the IoT, and blockchain spaces. The domain of transforming raw data to information and to relevant knowledge is gaining prominence with the availability of data ingestion, processing, mining, analytics algorithms, platforms, frameworks, and other accelerators. Covering topics such as blockchain applications, Industry 4.0, and cryptography, this book serves as a comprehensive guide for AI researchers, faculty members, IT professionals, academicians, students, researchers, and industry professionals.

Master's Thesis from the year 2018 in the subject Business economics - Controlling, grade: 1,3, Wiesbaden University of Applied Sciences (Wiesbaden Business School), language: English, abstract: The main goal of this thesis is to thoroughly investigate what digital transformation is and which general success factors exist for businesses. It then collates in a concise way whether and to what extent selected German car manufacturers comply with these success factors. "Once a new technology rolls over you, if you're not part of the steamroller, you're part of the road" - Stewart Brand This metaphor skillfully illustrates what happens to businesses that do not take part in technological progression: they get obliterated. In addition, the cycle of new technologies is spinning faster and faster ever since, making it increasingly difficult for companies to survive and flourish. As evidence for this situation the average longevity of businesses in the S&P 500 index can be adduced. While in 1964, in average, a business would stay 33 years in the index, the duration went down to 24 years in 2016. It is estimated that this number will be cut in half by the year 2027. The major force behind this in the recent past is the digital transformation. Just a few years ago it was common standard to rent a movie in a video rental store, buy books at the local book store and to take pictures with analogue cameras. Among the most famous businesses in these markets were Blockbuster, Borders and Kodak. Nowadays, they are immaterial. The first two filed for bankruptcy and the latter is still trying to salvage itself. All of them share the same fate: they underestimated the change that came with digital innovations. In their place digital champions now reign: Netflix, Amazon and Samsung. If a similar fate would befall the German automotive industry, it would be devastating for the whole economy as over 1.8 million jobs are directly or indirectly dependent on it. In fact, among the four highest grossing companies in Germany 2017 were three car manufacturers. The extreme significance of this industry is evident.

Features information on studying at Postgraduate level in the UK, what is involved, what opportunities there are, lists details £75 million of funding available to Postgraduate students.

Organizations constantly need to adapt themselves to stay aligned with an ever-

changing and increasingly complex environment. Corporate Universities puts "smart learning" at the forefront, with strategies to secure alignment between organization and environment, which need both speed of learning and learning in the right direction. Across the globe, corporate universities have emerged as vehicles of such strategy-driven learning. Corporate Universities bridges the gap between the disciplines of strategic management and corporate learning, combining general strategy with the concept of corporate universities, which, to date, has predominantly been an HR topic. Readers will find new concepts, as well as generic corporate university strategies to link corporate strategy to organizational learning. In-depth cases show how corporate universities are used to renew, transform, and optimize strategy and include important lessons learned by corporate university executives, from both small and global companies, as well as governmental organizations across different industries. Written for academics in strategy, HRD, and organizational behaviour disciplines, as well as practicing managers alike, Corporate Universities is the first book that offers a consistent set of concepts, frameworks, and cases to integrate general strategy with organizational learning.

Volume XIII includes scientific articles and reports from the 16th International Scientific Conference on the topic of „The science and digitalisation in help of business, education and tourism“, September 7th -8th , 2020, Varna, Bulgaria. The retail industry globally is in the early stages of an era of profound, perhaps unprecedented, change. This book is intended to serve as a robust and practical guide to leaders of enterprises tasked with both understanding and delivering success in the new landscape of retailing. The book firstly describes the major directions and drivers of change that define the new global landscape of retailing (Part 1). Accelerating technology change, the rise to prominence globally of internet enabled shoppers and the rapid emergence of entirely new retail enterprises and business models are combining to re-shape the very fundamentals of the retail industry. No longer are shops needed to be in the business of retailing. No longer is choice for the shopper limited to the neighbourhood, town or even country in which they live. No longer is the act of retailing solely the preserve of traditional retail enterprises as internet-enabled businesses, technology, logistics, suppliers and financial services enterprises all seek direct relationships with the shopper. The new landscape of retailing is an unforgiving one. Success can be achieved more quickly than has ever been possible before but failure is equally rapid. The opportunities in the new landscape of retailing are profound, but so too are the challenges. Part 2 of this book discusses the structures, skills and capabilities retail enterprises will need if they are to be successful in this new landscape and the skills and perspectives that will be required of the leaders of retail enterprises. Case studies of innovative and successful enterprises are presented throughout the book to illustrate the themes discussed. Frameworks are presented to provide practical guidance for enterprise leaders to understand and contextualise the nature of change that is re-

shaping retail landscapes globally. Clear guidance is given of the capabilities, skills and perspectives that will be needed at both an enterprise and a personal leadership level to deliver success in the new landscape of retailing.

How companies can adapt in an era of continuous disruption: a guide to responding to such acute crises as COVID-19. When COVID-19 hit, businesses had to respond almost instantaneously--shifting employees to remote work, repairing broken supply chains, keeping pace with dramatically fluctuating customer demand. They were forced to adapt to a confluence of multiple disruptions inextricably linked to a longer-term, ongoing digital disruption. This book shows that companies that use disruption as an opportunity for innovation emerge from it stronger. Companies that merely attempt to "weather the storm" until things go back to normal (or the next normal), on the other hand, miss an opportunity to thrive. The authors, all experts on business and technology strategy, show that transformation is not a one-and-done event, but a continuous process of adapting to a volatile and uncertain environment. Drawing on five years of research into digital disruption--including a series of interviews with business leaders conducted during the COVID-19 crisis--they offer a framework for understanding disruption and tools for navigating it. They outline the leadership traits, business principles, technological infrastructure, and organizational building blocks essential for adapting to disruption, with examples from real-world organizations. Technology, they remind readers, is not an end in itself, but enables the capabilities essential for surviving an uncertain future: nimbleness, scalability, stability, and optionality.

span, SPAN { background-color:inherit; text-decoration:inherit; white-space:pre-wrap }This book places Indonesia at the forefront of the global debate about the impact of 'disruptive' digital technologies. Digital technology is fast becoming the core of life, work, culture and identity. Yet, while the number of Indonesians using the Internet has followed the upward global trend, some groups — the poor, the elderly, women, the less well-educated, people living in remote communities — are disadvantaged. This interdisciplinary collection of essays by leading researchers and scholars, as well as e-governance and e-commerce insiders, examines the impact of digitalisation on the media industry, governance, commerce, informal sector employment, education, cybercrime, terrorism, religion, artistic and cultural expression, and much more. It presents groundbreaking analysis of the impact of digitalisation in one of the world's most diverse, geographically vast nations. In weighing arguments about the opportunities and challenges presented by digitalisation, it puts the very idea of a technological 'revolution' into critical perspective.

This two volume set (CCIS 858 and CCIS 859) constitutes the refereed proceedings of the Third International Conference on Digital Transformation and Global Society, DTGS 2018, held in St. Petersburg, Russia, in May/June 2018. The 75 revised full papers and the one short paper presented in the two volumes were carefully reviewed and selected from 222 submissions. The papers are

organized in topical sections on e-polity: smart governance and e-participation, politics and activism in the cyberspace, law and regulation; e-city: smart cities and urban planning; e-economy: IT and new markets; e-society: social informatics, digital divides; e-communication: discussions and perceptions on the social media; e-humanities: arts and culture; International Workshop on Internet Psychology; International Workshop on Computational Linguistics.

Digital transformation is reshaping the business arena as new, successful digital business models are increasing agility and presenting better ways to handle business than the traditional alternatives. Industry 4.0 affects everything in our daily lives and is blurring the line between the physical, the biological, and the digital. This created an environment where technology and humans are so closely integrated that it is impacting every activity within the organizations. Specifically, contracting processes and procedures are challenged to align with the new business dynamics as traditional contracts are no longer fitting today's agile and continuously changing environments. Businesses are required to facilitate faster, more secure, soft, and real-time transactions while protecting stakeholders' rights and obligations. This includes agile contracts which are dynamically handling scope changes, smart contracts that can automate rule-based functions, friction-less contracts that can facilitate different activities, and opportunity contracts that looks toward the future. Innovative and Agile Contracting for Digital Transformation and Industry 4.0 analyzes the consequences, benefits, and possible scenarios of contract transformation under the pressure of new technologies and business dynamics in modern times. The chapters cover the problems, issues, complications, strategies, governance, and risks related to the development and enforcement of digital transformation contracting practices. While highlighting topics in the area of digital transformation and contracting such as artificial intelligence, digital business, emerging technologies, and blockchain, this book is ideally intended for business, engineering, and technology practitioners and policy makers, along with practitioners, stakeholders, researchers, academicians, and students interested in understanding the scope, complexity, and importance of innovative contracts and agile contracting.

With over 25 detailed case studies of innovative and successful enterprises, this book offers a robust and practical guide to leaders tasked with understanding and delivering success in the new retail landscape.

This book constitutes the proceedings of the 14th International Conference on Smart Homes and Health Telematics, ICOST 2016, held in Wuhan, China, in May 2016. The 39 regular papers, 5 short papers and 1 poster paper included in this volume were carefully reviewed and selected from 83 submissions. They were organized in topical sections named: smart homes, smart urban spaces and new assistive living space concepts in the smart city; e-health for future smart cities; context awareness and autonomous computing; home networks and residential gateways; middleware support for smart homes and health telematic services; e-health and chronic disease management; e-health technology assessment and impact analysis; tele-assistance and tele-rehabilitation; modeling of physical and conceptual information in intelligent environments; medical big data collection, processing and analysis; human machine interfaces; wearable sensors and continuous health monitoring; social, privacy and security issues; mobile health services; and smart rehabilitation technologies.

This book discusses how academic institutions can play a principal role in companies innovation strategy. The characteristics of University-Industry collaboration are strongly related to the social aspect of the activity of collaborating agents oriented towards a common object of work. To analyze this phenomenon, the author applies one of the concepts from the "Practice-Based Approach", namely the concept of the Activity Network to understand the collaboration process of R&D activities in a Nordic (Telia) and Swiss (Swisscom) Telecom Companies

developing innovative products. The author focuses on four phases of University-Industry innovation partnership building: identification, selection, formation and navigation. The study shows the interactions between individuals, the contexts in which they act and explores ways in which collaborative value co-creation is managed. This pioneering research offers new theoretical insights and managerial implications on how these dynamics influence innovation in companies. It will thus be invaluable to international scholars, researchers of R&D and innovation as well as business managers.

A revolution in American medicine is in full swing, with the race from fee-for-service to fee-for-value at the front line in an epic battle that will transform healthcare delivery for decades to come. In *America's Healthcare Transformation*, eminent physician leader Robert A. Phillips brings together key thought leaders and trail-blazing practitioners, who provide a wide-ranging exploration of the strategies, innovations, and paradigm shifts that are driving this healthcare transformation. The contributors offer a panoramic look at the dramatic changes happening in the field of medicine, changes that put the patient at the heart of the process. Among other subjects, the essays evaluate innovative high quality and low cost care delivery solutions from around the United States and abroad, describe fundamental approaches to measuring the safety of care and the impact that guidelines have on improving quality of care and outcomes, and make a strong case that insurance reform will fundamentally and irreversibly drive delivery reform. In addition, *America's Healthcare Transformation* reviews the role of health information technology in creating safer healthcare, provides a primer on the development of a culture of safety, and highlights ground-breaking new ways to train providers in patient safety and quality. Finally, the book looks at reports from Stanford Health Care and Houston Methodist which outline how successful behaviorally based strategies, anchored in values, can energize and empower employees to deliver a superior patient experience. Drawing on the wisdom and vision of today's leading healthcare innovators, *America's Healthcare Transformation* provides a roadmap to the future of American healthcare. This book is essential reading for all health care providers, health care administrators, and health policy professionals, and it will be an invaluable resource in the effort to improve the practice of medicine and the delivery of healthcare in our communities and nation.

This open access Pivot demonstrates how a variety of technologies act as innovation catalysts within the banking and financial services sector. Traditional banks and financial services are under increasing competition from global IT companies such as Google, Apple, Amazon and PayPal whilst facing pressure from investors to reduce costs, increase agility and improve customer retention. Technologies such as blockchain, cloud computing, mobile technologies, big data analytics and social media therefore have perhaps more potential in this industry and area of business than any other. This book defines a fintech ecosystem for the 21st century, providing a state-of-the-art review of current literature, suggesting avenues for new research and offering perspectives from business, technology and industry.

The book focuses on the emerging techniques and technologies for supply chain management and collaboration as well as on the emerging relationships and the electronic transformations governing multichannel retailing. It aims at supporting retailers, consumer goods manufacturers and third parties applying the latest technological inventions to transform the value chain. It also attempts to guide practitioners to effectively proceed in employing new technologies to ignite consumer enthusiasm. Similarly, the objective of this book is to help companies target more accurately consumer and shopper wishes with focused investments, in shorter time, and with more success.

Praise for *IT Best Practices* "The work of the financial manager revolves around a company's financial systems. Ms. Roehl-Anderson's latest offering addresses the two key aspects of these systems—how to buy and install them. The book covers every conceivable aspect of these systems, including ERP, software as a service, shared services, and supporting controls. As a

bonus, the book contains substantial coverage of information technology considerations in an acquisition. This is a definitive desk reference." —Steve Bragg, CFO, XeDAR Corporation, and author of Accounting Best Practices "Sage advice from one of the most adept project managers in the industry! Jan and team have delivered a practical, yet comprehensive guidebook for software selection, implementation, rollout, and ongoing updates. This guidebook will become a valuable reference for every financial manager and IT project manager undertaking ERP implementation."—Valerie Borthwick, former senior vice president, Oracle Consulting "Written by one of the best in the IT business, this book is a must-read for all CFOs and controllers. In one volume, it addresses everything a financial executive needs to know about IT and its impact on the financial function, while also featuring practical guidelines, current hot topics, and IT best practices. This book covers it all."—Jo Marie Dancik, Regional Managing Partner (Retired), Ernst & Young

International Academic Conference on Global Education, Teaching and Learning International Academic Conference on Management, Economics, Business and Marketing International Academic Conference on Transport, Logistics, Tourism and Sport Science

This book is devoted to the dynamic development of retailing. The focus is on various strategy concepts adopted by retailing companies and their implementation in practice. This is not a traditional textbook or collection of case studies; it aims to demonstrate the complex and manifold questions of retail management in the form of twenty lessons, where each lesson provides a thematic overview of key issues and illustrates them via a comprehensive case study. The examples are all internationally known retail companies, to facilitate an understanding of what is involved in strategic retail management and illustrate best practices. In the third edition, all chapters were revised and updated. Two new chapters were added to treat topics like corporate social responsibility as well as marketing communication. All case studies were replaced by new ones to reflect the most recent developments. Well-known retail companies from different countries, like Tesco, Zalando, Hugo Boss, Carrefour, Amazon, Otto Group, are now used to illustrate particular aspects of retail management.

?????Australasian Conference on Information Systems 2018UTS ePRESSThe Transformation MythLeading Your Organization through Uncertain TimesMIT Press

Driven by rapidly changing business environments and increasingly demanding consumers, many organizations are searching for new ways to achieve and retain a competitive advantage via customer intimacy and CRM. This book presents a new strategic framework that has been tested successfully with various global companies. New management concepts such as Collaborative Forecasting and Replenishment, CRM, Category Management, and Mass Customization are integrated into one holistic approach. Experts from companies like McKinsey and Procter&Gamble, as well as authors from renowned academic institutions, offer valuable insights on how to redesign organizations for the future.

Digital transformation across the public sector has stalled. After over 25 years of considerable time, money, and effort at national, state, and local levels, we're still not 'there' yet. The reason is that successive waves of investment in digital transformation have focused largely on improving the transactional functions and activities of government. They have failed to embrace a bigger challenge - the need for governing and government to rethink a new 'theory of the business' - which that same revolution has caused and to which it is an inescapable part of the answer. This is a unique, timely, and distinctly Australian look at a global phenomenon by two 'reflective practitioners'. Their personal and practical experience of digital transformation in government and the public sector in Australia suggests it is a story missing half its plot. Packed full of insights from government and digital leaders from around Australia and across the world, this is a much-needed practical guide for public servants and leaders in any jurisdiction. It contains insights and ideas about the way digital technologies, and their associated tools, platforms, and cultures, are changing the business of governing and the

design and delivery of public policy and services. "Are We There Yet? lucidly diagnoses how digital technologies, including AI and big data, are transforming the role of the public servant and the project of governance itself. Stewart-Weeks and Cooper describe the important shift from power to problem-solving and explain how to harness digital transformation to make government work better for all of us." - Beth Noveck, author of Wiki Government, former Deputy Chief Technology Officer in the Obama White House, Professor in Technology, Culture & Society, New York University and Chief Innovation Officer for New Jersey "I've read a lot about the potential impact of digital technology on public services ... this is the first book to persuade me that the power of digital, properly conceived, really can transform the nature of democratic governance." - Professor Peter Shergold AC, Chancellor, Western Sydney University, Former Secretary, Department of Prime Minister and Cabinet

The WSPC Reference on Natural Resources and Environmental Policy in the Era of Global Change provides a comprehensive and prominent reference of various highly authoritative volumes of long-term scientific value, for milestone concepts and theories. The books in the reference set are edited by leading experts in the fields of: Game Theory, International Relations and Global Politics, Computable General Equilibrium (CGE): Economy-Wide Modeling, and Experimental Economics. Each book in the reference set includes chapters that are laid out by recognized, broadly respected researchers, in fields associated with issues related to natural resources and environmental policy in the era of global change. The reference set focuses on the economic and strategic aspects of interactions among various parts of society, all dependent on the availability and utilization of limited natural resources and their impact on the environment. Policy implications are addressed, including current challenges and future perspectives. The combination of the four books provides a unique perspective on the issues that engage the public discourse of researchers and policy-makers at state, regional, and global levels. Each of the books in the reference set and all four books as a whole provide coverage of disciplines and angles through which the reader can obtain an understanding of the state-of-the-art of dealing with natural resources and environmental policy in the era of global change. The books in the reference set complement each other and provide a scientific understanding of our ability to address the issues covered. Contents: Volume 1: Game Theory: Overcoming Principal-Agent Problems to Improve Cooperative Governance of Internationally Shared Fisheries (Megan Bailey, Niels Vestergaard and U Rashid Sumaila) Common Property Resource Exploitation under Imperfect Competition (Hassan Benchechroun) Mitigation and Solar Radiation Management in Climate Change Policies (Vassiliki Manoussi and Anastasios Xepapadeas) On the Strategic Use of Import Tariffs to Control Trans-Boundary Externalities (Charles F Mason, Victoria I Umanskaya and Edward B Barbier) Non-Point Source Pollution in an International Context (Kathleen Segerson) Game Theoretic Modeling of Environmental NGOs in an International Context (Anthony Heyes and Bogdan Urban) On the Interplay between Resource Extraction and Polluting Emissions in Oligopoly (Luca Lambertini) Deforestation and REDD+: Taking Stock of the Latest Institutional Possibilities (Charles Figuières and Estelle Midler) Climate Policies, Technical Change and R&D (André Grimaud and Luc Rouge) Strategic Behavior and the Porter Hypothesis (Francisco J André) Transboundary Pollution, Clean Technologies and International Environmental Agreements (Hassan Benchechroun and Amrita Ray Chaudhuri) International Trade and the Environmental Goods and Services Industry (Solveig Delabroye, Alain-Désiré Nimubona and Bernard Sinclair-Desgagné) Differential Games: Solution Concepts and Applications to Global Resources and Environmental Problems (Ngo Van Long) Volume 2: The Social Ecology of the Anthropocene: Continuity and Change in Global Environmental Politics: Challenges of the Anthropocene: The Science of the Anthropocene (Kristen A Goodrich and Evgenia Nizkorodov) The Discursive Construction of the New Arctic (Elizabeth Mendenhall) Governance through Goal-Setting: A New Governance Challenge for Navigating Sustainability in the 21st



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 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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