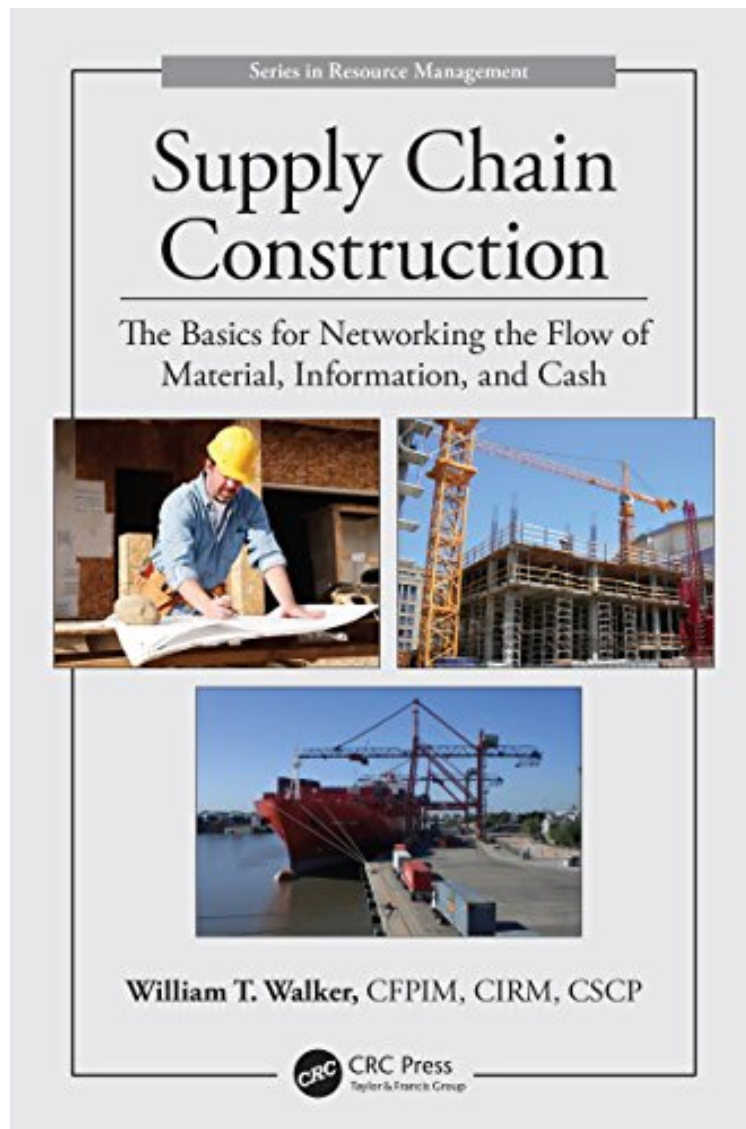


[Ebook pdf] Supply Chain Construction: The Basics for Networking the Flow of Material, Information, and Cash (Resource Management)

Supply Chain Construction: The Basics for Networking the Flow of Material, Information, and Cash (Resource Management)

William T. Walker

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William T. Walker : Supply Chain Construction: The Basics for Networking the Flow of Material, Information, and Cash (Resource Management) before purchasing it in order to gage whether or not it would be worth my time, and all praised Supply Chain Construction: The Basics for Networking the Flow of Material, Information, and Cash (Resource Management):

0 of 0 people found the following review helpful. An impressive and exhaustive work that remains firmly rooted in the

reality of modern business. By Kelly McCarthy Barner. This supply chain is the bridge between the customer needs of a market segment and the value-added of a product. If we can't connect the two, then we have a show stopper. (p. 4) Supply Chain Construction: The Basics for Networking the Flow of Material, Information, and Cash by William Walker (CRC Press, 2016) is an impressive work that combines exhaustive supply chain planning considerations, processes, and figures with a narrative that keeps all of the information provided firmly rooted in reality. I met the author in person at the February 2017 ISM Economic Forum in NYC where he participated in a panel discussion I moderated. Although Bill is an adjunct professor of supply chain engineering at NYU, the book is far from academic. It illustrates critical business principles through plausible real life examples that make their lessons easy to understand and recall long after reading them. I thoroughly enjoyed the narrative that opens each chapter. A fictional, cross-functional supply chain design team (a composite of the career experiences of the author) is tasked with bringing a new product line to life — one that has the potential to make or break the division. The narrative stretches through the whole book. I decided very early on to just go through and read the narrative all at once. It is absolutely gripping, with realistic characters and interpersonal dynamics. My only disappointment was that we did not get to "eavesdrop" on the conversation between Steve, the President of the Power Products Division, and Tom, the sarcastic, change resistant VP of Manufacturing, at the outset of chapter 3. I bet it was the stuff that corporate gossip dreams are made of. Whether you are designing a new supply chain, modifying an existing one, or shutting down a supply chain that is no longer needed, this book contains the disciplines and frameworks required to act efficiently and with broad consideration of everyone, including the executive team, finance, customers, and supply partners. For every unexpected circumstance that arises in the narrative, there is an answer in the accompanying chapter. Cost modeling, international freight, and unpredictable competitors are all addressed with an impressive level of detail and thought. I came away feeling confident that as difficult as a situation might seem, few issues are actually new, which means that there are abundant examples of what to do and what not to do in response. Only the author's decades' worth of experience could allow him to address uncertainty with such confidence and broad perspective. In the opening pages of the book, Walker explains that part of the genesis of this book was the struggle that his students had with texts that made supply chain design seem to theoretical. This book addresses that gap without sacrificing any of the foundational knowledge that needs to be imparted to the reader for them to succeed in the real world. 1 of 1 people found the following review helpful. Supply Chain Construction Reviewed By Ben Lowe Supply Chain Construction: The Basics for Networking the Flow of Material, Information, and Cash provides very practical information about the building and improvement of supply chains. It is a unique supply chain text book that begins each chapter with a near real life story that sets up the remaining chapter highlighting the importance of the concepts of supply chain. For readers who have read Goldratt's The Goal, they will be happily reminded of understanding supply chain concepts through a storyline. After each story, the author goes through the principles the story refers to and describes in detail the many facets/messiness supply chain concepts entails. For example, in Chapter 8, on Returns, a story is presented of 3 pallets that were supposed to be returned, but only 2 show up. The project manager goes through explaining how to inspect and process the returns and whether the returned goods can be returned to the original manufacturer who is overseas. He goes over the warranty and whether spares are required and terms like RMA, AFR, and MTBF. The remaining chapter goes into the concepts--Returns in the Forward Network, Warranty, Component and Raw Material Returns, Building a Reverse Supply Chain, Staffing, Budgeting, Detailing the Supply Base-to-Inbound-to-Remanufacturer Material Flow, Detailing Remanufacture-to-Outbound-to-Deliver Channel Material Flow and Service Elements... This is a book that presents supply chain concepts in a unique way and details the steps to building the foundation for a well run operation. For those wanting to know the terms of supply chain or studying for an APICS exam, it has many of the terms defined. It also is more descriptive of supply chains, as opposed to writing about supply chains in mathematical terms. There are formulas presented but it is used sparingly throughout the book. Overall, the reader will find the book enlightening and it is good for both the student and practitioner. 1 of 1 people found the following review helpful. Wisdom for Establishing Successful Supply Chains By VIVEK KALE This book, written by a highly regarded practitioner elaborates on why networks are important and how to systematically construct or reconstruct such integrated networks of goods and services for the benefit of businesses large and small. He specifies a supply chain network through highly integrated relationships for planning, sourcing, making, delivering, and returning product woven together through inter-connectivity enabled by information technology (IT). If you are planning to build a new supply chain or wanting to improve an existing one, this book is for you. The book approaches the actual construction blueprint of a supply chain from the remarkable perspectives of two tasks viz. building the network container and filling it with product contents. Considering that a supply chain network is constituted of the strands of material, information and cash, when the container and contents become indistinguishable (like for e-Supply Chains) this would imply infinite possibilities of business and business models!

All too often, entrepreneurs start small businesses unaware of their need for a supply chain network. And, large companies are acquired and their product lines merged with little regard for supply chain network integration and rationalization. Written for practitioners by a practitioner with 40 years of experience, Supply Chain Construction: The

Basics for Networking the Flow of Material, Information, and Cash presents an integrated, comprehensive blueprint for building and/or rebuilding an end-to-end supply chain. Emphasizing flexibility and strength, the book explores optimal ways to withstand product evolution, contingencies, organizational life cycles, and disasters for the long haul. Each chapter begins with a storyline describing the interpersonal relationships and intrapersonal conflicts that attend change. This is followed by a logical sequence of checklists, diagrams, maps, mathematical models, and spreadsheets for each topic. The author presents a 20-step blueprint that defines the supply chain network container and its product contents and includes example applications of the blueprint to nontraditional businesses found in small to medium-sized companies. He also includes decision factor charts for selecting the right suppliers, factories, and distributors; comprehensive examples of both forward and reverse supply chain network construction; and detailed explanations of inbound, midbound, and outbound logistics considerations. Just as a surgeon performing a delicate operation needs to understand the consequences of cutting into an intersection of the body's internal organs, you, the supply chain practitioner, need to understand the consequences of cutting into an intersection of a network's material flow, information flow, and cash flow. Covering the practical issues of highly integrated networks woven together by corporate relationships and enabled by information technology, this book shows you how to systematically build and/or rebuild a robust supply chain that not only ensures growth, but also solidifies the future of your company as a whole.

"Walker provides a comprehensive process for creating or modifying an end-to-end supply chain network. His 8-step methodology and the 20-step blueprint are a must approach for anyone building a new supply chain network or modifying an existing one. Walker's approach reflects 40 years of hands on experience in supply chains. His subject matter expertise is reflected throughout the book through his clear writing style and inclusion of supporting figures and tables. The use of a storyline gives the reader an easy-to-read introduction to each chapter and the inclusion of rarely discussed topics like relationships and returns are engaging. I like the use of value circles for comparing 'as is' to 'to be' performance measures as well as the inclusion of a chapter on risk management. This a must-read book for all supply chain practitioners."-Jeffrey L. Johnson, Senior Business Analyst

About the Author William T. Walker, CFPIM, CIRM, CSCP retired as Director of Supply Chain at StarTrak Information Technologies, LLC after 40+ years practitioner experience in engineering, materials, purchasing, operations, and supply chain architecture with Hewlett-Packard, Agilent Technologies and Siemens Building Technology. Bill wrote the book Supply Chain Architecture: A Blueprint for Networking the Flow of Material, Information and Cash. He now teaches supply chain engineering at NYU Tandon School of Engineering. Bill is an APICS Fellow holding lifetime certifications, a past APICS ER Foundation President, and a past APICS Society VP of Education. His BSEE and MSIE degrees are from Lehigh University.