Handbook of Research on Industrial Applications for Improved Supply Chain Performance

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Advances in Business Strategy and Competitive Advantage (ABSCA) Book Series

Patricia Ordóñez de Pablos
Universidad de Oviedo, Spain

ISSN:2327-3429
EISSN:2327-3437

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Business Science Reference • ©2019 • 559pp • H/C (ISBN: 9781522580126) • US $345.00
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Chapter 18

Methodologies and Attributes Implemented in the Vendor-Managed Inventory (VMI): A Literature Review

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ABSTRACT

This chapter presents a literature review about the vendor-managed inventory as well as the methods which improve management, to discover, describe, and analyze methodologies that have been used to support the process of the VMI integration and coordination in the supply chain. Authors focus generally on the advantages that are offered by the VMI to achieve cooperation in a vendor-customer relationship. Results reveal that there is a diversity in the methodologies that were implemented, which perhaps relies on the game theory as a recent methodology that was included to achieve long-term relationships between vendor and customer, because currently supply chains are operating in dynamic environments that require greater efforts of integration among all participants or members.

DOI: 10.4018/978-1-7998-0202-0.ch018

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