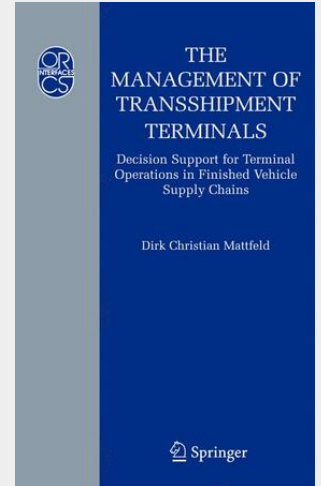


## The Management of Transshipment Terminals

Decision Support for Terminal Operations in Finished Vehicle Supply Chains

1.1 Freight Transshipment We observe an ongoing trend towards globalized industrial production. Multinational companies aim at strategic competitive advantages by distributing their activities around the globe. As a result, the individual supply chains become longer and more complex. Next to the supply chain reliability, companies try to keep supply chains cost efficient and responsive, i.e. warrant short order fulfillment lead times (Siirie and Wagner, 2005). The above goals dictate low inventory levels at the stages of a supply chain as well as a high frequency of transports between the partners involved. Supply Chain Requirements. Detailed performance measures for a supply chain are provided by the Supply Chain Operations Reference (SCOR) model (Supply-Chain Council, 2002). The SCOR model provides four levels with increasing detail of process modeling. In accordance to the process detail depicted SCOR metrics are defined for each level. Level 1 distinguishes metrics addressing the reliability of supply chains, their responsiveness, flexibility, cost and optionally their assets. On levels 2-4 these metrics are operationalized with respect to the process types source, make and deliver. Thus, as substantial activities of the deliver process, transport and transshipment are evaluated as an integral part of the supply chain.

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