

MODELING LOGISTIC BUSINESS PROCESSES AND THEIR IMPROVEMENTS

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According to statistics, most of the world's leading industrial companies are currently busy optimizing supply chain management. At the same time, the domestic industry has a significant delay in the modernization of logistics processes, as little attention is paid to both theoretical developments and specific practical innovations for optimizing supply chains.

The realities of modern enterprise development require the improvement of supply chain management tools as an integral part of product management and business processes as a whole. The paper proposes a systematic simulation of a supply chain management-distribution simulation model

Stage 1: construction of structure of supply-distribution chains to enterprises.

S2: structuring of logistics business processes and their modeling.

S3: development of scenarios of optimization of supply-chain distribution chains, levels) interaction between consumers and suppliers.

SCOR-model of logistic management system in terms of business processes aimed at solving the problems of integrated management of supply, production, distribution and coordination of logistics with suppliers, consumers and logistics intermediaries.

Built SCOR-model allows to simulate different scenarios for the organization of supply chain management and to monitor the dynamics of business processes by regulating, coordinating and optimizing the existing logistics system. Using the built-in model based on the proposed toolkit and their subsequent monitoring and control, detailed forecasts can be obtained and targeted operational actions can be taken to respond to changes, which will optimize the processes of supply chain management, increase the level of organization management of the company and corporate integrated information systems.

The results of a study to improve the organization of business processes management of production and supply-distribution may find practical application in the food industry.

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