SECTION 10. MATHEMATICAL METHODS, MODELS AND INFORMATION TECHNOLOGIES IN ECONOMY

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INTRODUCTION OF INFORMATION-TRANSPARENT SYSTEMS PROCUREMENT MANAGEMENT

Currently, the search for new methods for the modernization of logistics processes is directly related to the ideas of computer applications. Automated information systems and solutions for managing relationships with suppliers are of strategic value, expressed in the form of significant cost savings, the correct implementation of contracts and accelerated payback. Increasing information transparency between participants in the supply chain will help all parties achieve common goals in increasing the value of shares and enterprise revenues, using assets and reducing costs.

The most popular automation technology since the introduction of commercial equipment on the market is the use of barcodes in enterprises. In connection with the development of various types of automation systems for logistics processes, more and more interest is generated by systems based on RFID technology.

The effect of supply chain management on the problem of maintaining competitiveness has increased significantly. Reducing the cost of purchasing goods and services entails increased.

Automation of the processes of managing relationships with suppliers allows you to automate all processes that combine the sources of supply and the actual supply activities. At the same time may increase the transparency of the logistics network and supply chain management to provide the most interactive and detailed overview of all costs associated with the delivery.

Automation of the procurement process helps to significantly increase the speed of decision-making by the purchaser, allows you to collect all the necessary statistics on purchases, which is an important and necessary step towards creating a purchasing strategy for the company. The greatest interest in automation of purchases is shown by large companies with a large range of purchased goods and services.

The current supply chain transparency system should provide a clear and comprehensive coverage of events in the supply chain, for all stakeholders. To implement the system, it is necessary to involve all the personnel of the enterprise. The necessary level of information transparency depends on the needs of the enterprise and the industry in which the enterprise operates.

Information transparency really presents much more opportunities than simple purchase and introduction of technologies. It is the verified information about the state of affairs at the enterprise that currently helps management make effective management decisions.

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