

Warehouse information infrastructure as a component of quality logistics

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Introduction. Features of the development of modern transport and logistics infrastructure in the last two decades are due to the radical market transformation of the commodity sector of the country's economy, the system of economic relations and the practice of intercompany communications of market operators that form the logistics system of wholesale and retail distribution of commodity and material resources, their movement in the process of interaction of economic spheres of reproduction and appeals. An important component of the modern transport and logistics infrastructure of the commodity market is its warehouse segment.

Materials and methods. The main objects are studied, namely the system WOCT, WMS.

For the scientific substantiation of the results of the warehouse infrastructure research, a mathematical method was used to generalize the material of the Navy. For warehouse workers, the information management system greatly simplifies work and improves productivity.

Results. Implementation of automation of warehousing processes allows to increase the efficiency of warehousing operations, automate the processes of sorting, packaging, shipment of goods, speed up the receipt, processing and issuance of orders, expand the possibilities of trade and intermediary activities.

The management of communications and information and tools in the warehouse is carried out within the framework of a well-proven practice WMS (Warehouse Management System) [1].

Optimization of the logistics cycle of warehousing is facilitated by tools for evaluating the activities of order preparation technology: these are format systems WOCT (Warehouse Order Cycle Time) that track the time elapsed from the time an order is received to the warehouse until it is selected, packaged, and ready for shipment [2].

The warehouse is considered to be the premises in which it is carried out acceptance, processing, distribution, warehousing and delivery of goods for appointment. Its main task is to accumulate stocks, and delivery of consumer orders [1]. Regulation of logistics process operations in the warehouse is final problem within the logistics of warehousing, the implementation of which is associated with solving the following main tasks:

- ensuring the management of the logistics process in the warehouse;

- achieving logistical coordination with related services that ensure the promotion of goods through the warehouse (procurement services, marketing, sales, etc.);
- organization of cargo processing in the warehouse.

Thus, it can be noted that the solution of any problem logistics warehousing is closely related to other tasks and requires complex and methodical (in the strictly listed sequence) approach [3].

Taking into account only local tasks without focusing on the proposed methodology, it is impossible to ensure optimal operating conditions composition.

Conclusion

Warehousing operations supported by modern technical systems allow you to first automate accounting procedures and then decision-making processes.

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