

## COMPUTER SIMULATION

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. 58-64. DOI: 10.18413/2518-1092-2021-6-3-0-8

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REENGINEERING OF BUSINESS PROCESSES TETA FOOD LLC

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### Abstract

This article discusses the improvement of the work of an enterprise in the production sphere of LLC "TETA FOOD", which consists in increasing the efficiency of employees of the enterprise by reducing the time for the formation of a full package of documents (UPD) for submission to the tax office for the purpose of refunding VAT to the exporting enterprise. In the analytical part, the features of the VAT refund to the exporting company are analyzed in detail. To formalize and describe business processes, the notation IDEF0 and IDEF3 was chosen. In the design part, the "AS IS" model was analyzed and the main problems of the model were identified. A strategy for the future strategy based on the IDEF0 methodology was developed.

**Keywords:** reengineering of business processes, export of goods, VAT refund, formation of a package of documents, business processes, information system.

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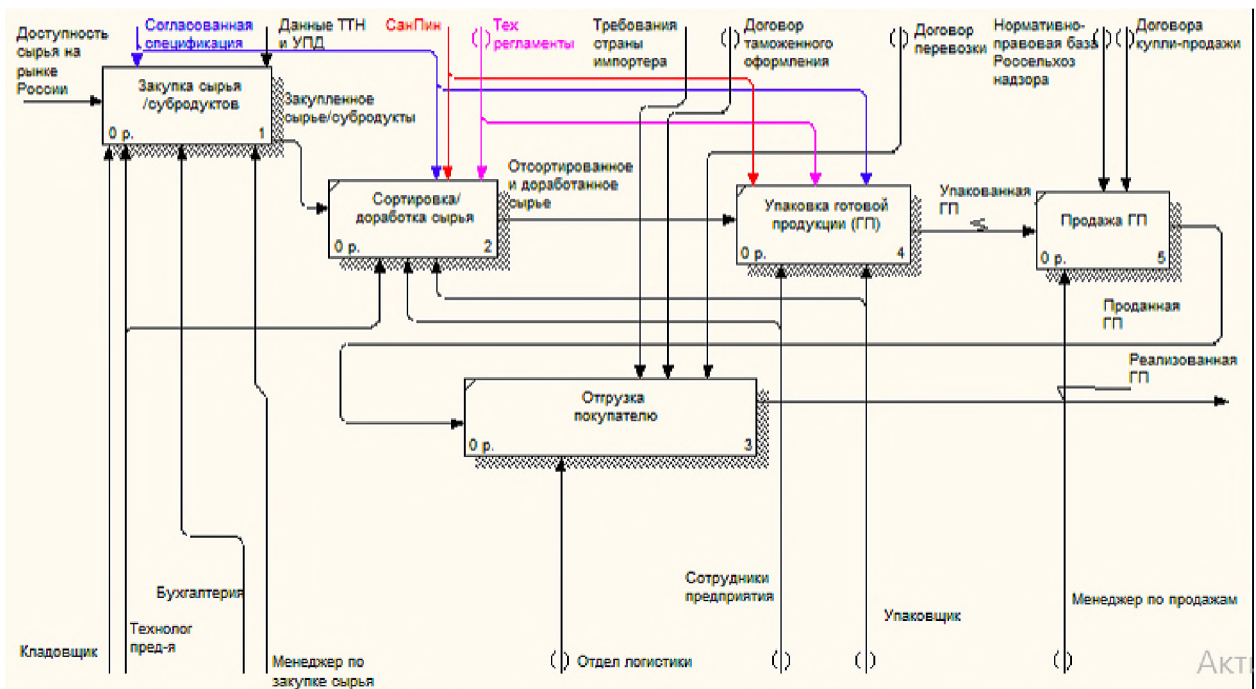


Рис. 1. Декомпозиция процесса «Закупка сырья»  
Fig. 1. Decomposition of the «Purchase of raw materials» process

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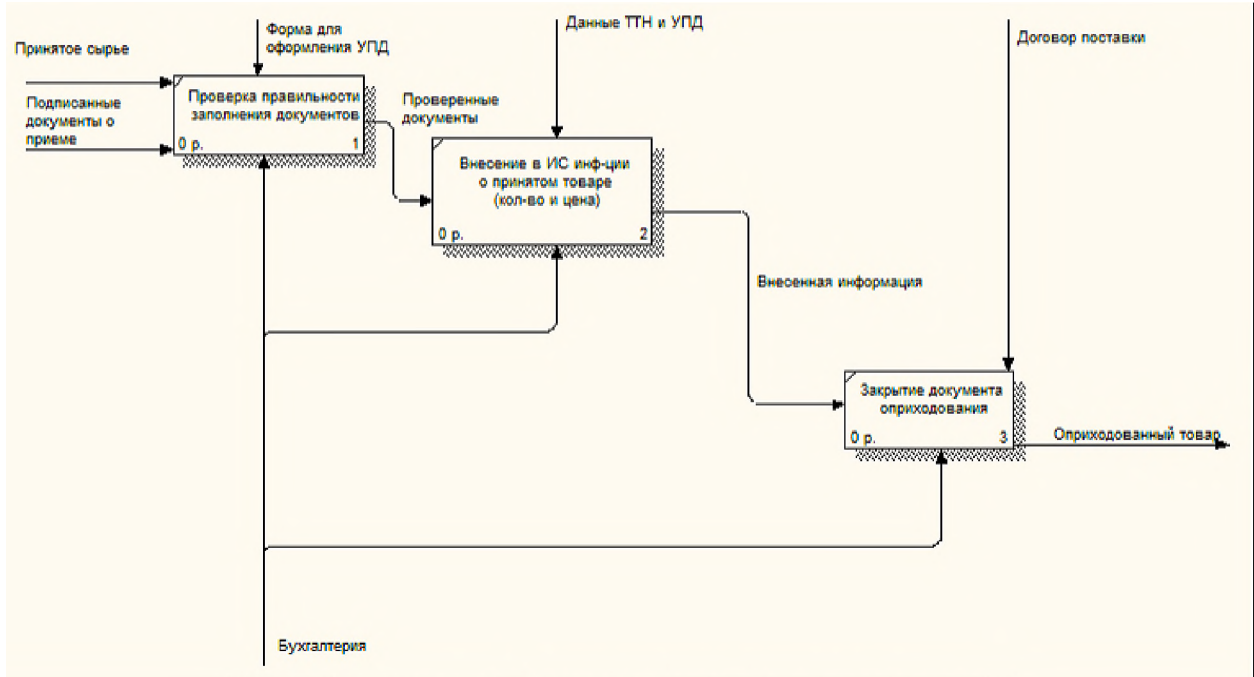


Рис. 2. Декомпозиция «Оприходование поставки на склад и БД»

Fig. 2. Decomposition «Capitalization of delivery to the warehouse and database»

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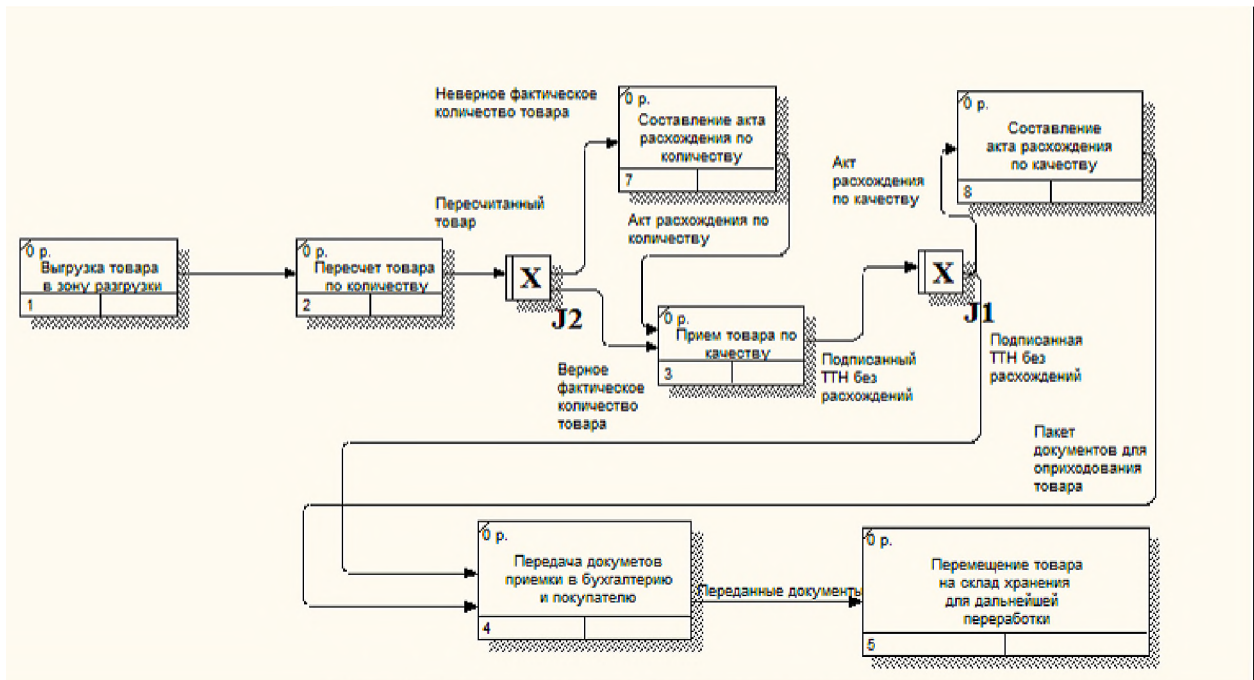


Рис. 3. Декомпозиция «Прием сырья на склад»  
 Fig. 3. Decomposition «Acceptance of raw materials to the warehouse»

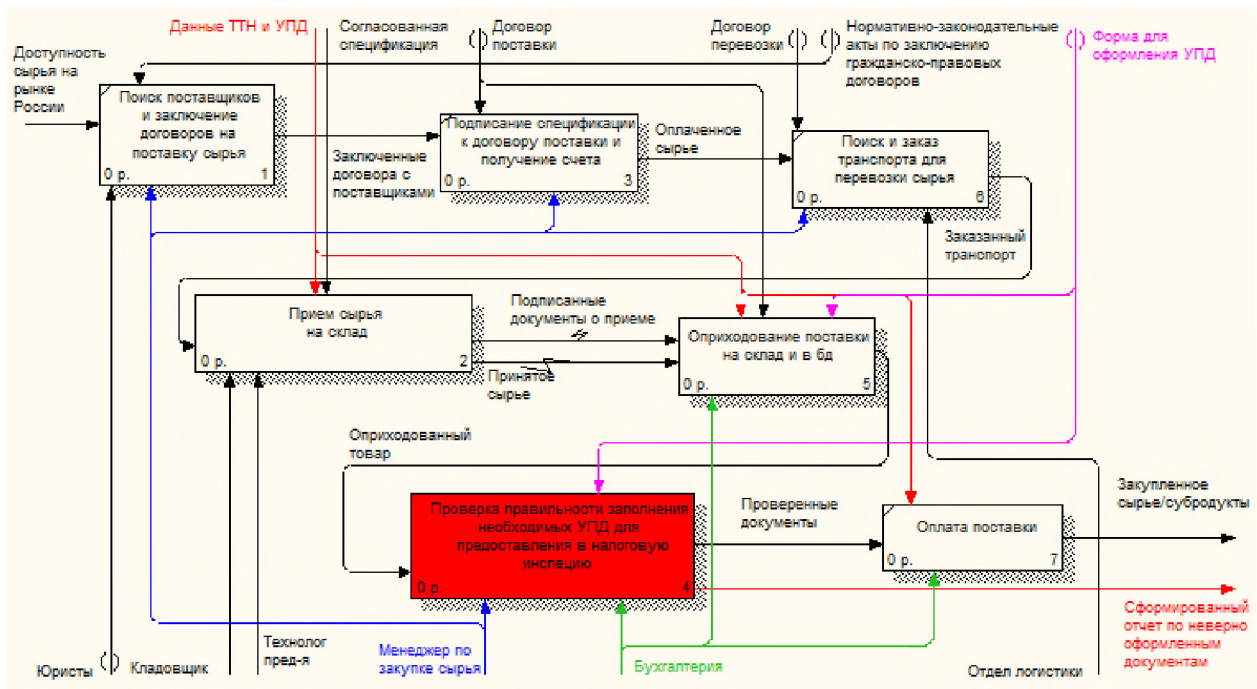


Fig. 4. Diagram of the decomposition of the process «Purchase of raw materials» - HOW IT WILL

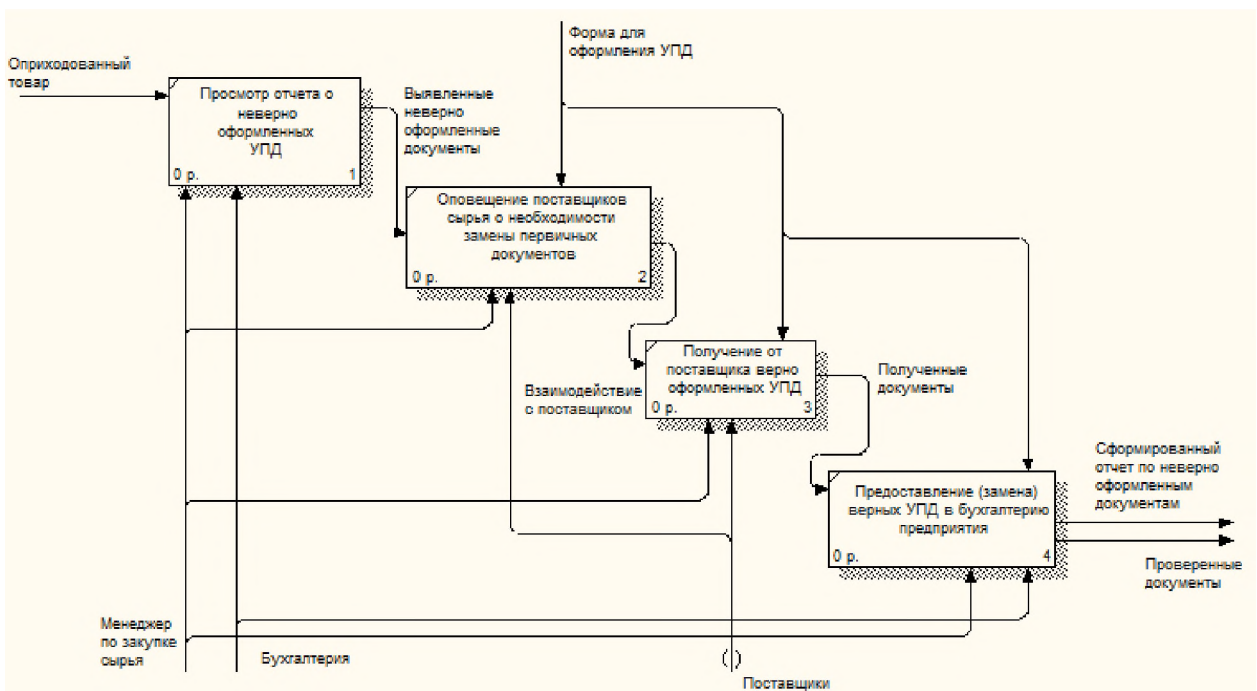


Fig. 5. Decomposition of the process «Checking the correctness of filling in the required FRT»

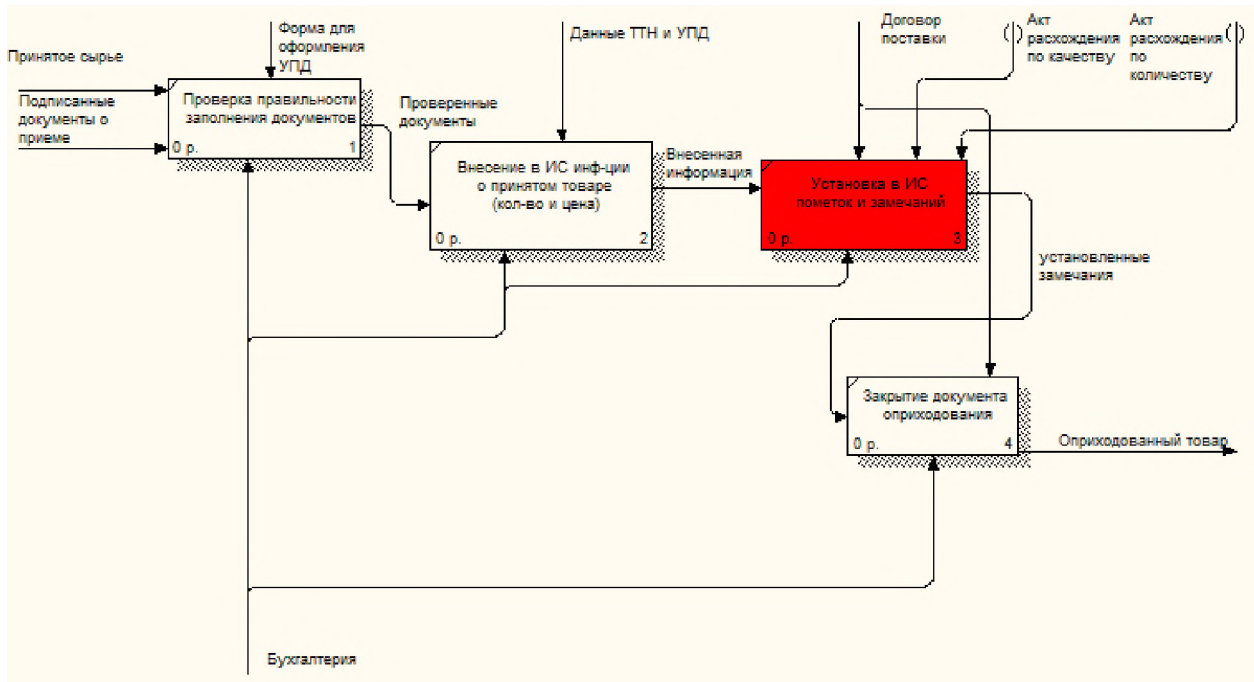


Fig. 6. Decomposition of the process «Posting delivery to the warehouse and to the database»

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