

PROBLEMS OF THE IMPLEMENTATION OF ENTERPRISE RESOURCE PLANNING SYSTEMS AT REORGANIZATION ENTERPRISES OF CRIMEA

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Discusses some of the main issues of automated control systems for industrial and commercial enterprises. Particular attention is paid to the introduction of targets, the basic principles of successful implementation of corporate ERP-systems in enterprises, the introduction of optimization problems. Selection of the corporate information system is an extremely complex conceptual task that requires serious research organization, processes, business processes and articulating requirements for corporate information system. It should be noted that not formalized the process of optimizing the implementation of corporate information systems in modern enterprises and organizations. The aim of this work is to study and classification of the main methodological problems in the implementation of ERP systems in modern enterprises and the development of optimization methods and algorithms to solve them. According to experts one of the major problems that arise in the implementation of enterprise systems, is the inefficiency of implementation. This is the main problem and suggests that any modern high technology will be useful only if it is a competent implementation and use. In many enterprises that have spent huge amounts of money to acquire and bring ERP-systems, their launch has only led to negative results. According to experts ERP-systems are vital for businesses, but the success of the implementation depends on whether it was possible to adapt them as close as possible to what is happening in the enterprise production processes and business processes. Existing ERP-systems, as well as in many other applications of information, laid typical algorithms of automated business processes, which often do not correspond to the real technological processes of the organization, for which the selection and implementation ERP-system. Given the existence of most organizations of its historical business processes and specific characteristics of the business environment, the optimization of technological processes implemented in the organization under ERP-systems, a formal model is not always possible. As a result, when deciding on the

implementation of the ERP-system is necessary to consider not only the existing problems to be solved with the help of business applications, but also a set of criteria that do not meet the typical business processes.

An important and urgent is the development of formal methods and mathematical models of the process of implementing software and information systems. The process of formalizing the implementation phase of the system can improve efficiency by several times. ERPII-effectiveness of implementing the system is achieved through the following.

- Reduces the number of stocks as a result of finding the optimal batch purchases and balances stock on hand, the increase in savings in storage reserves of up to 50%.
- It accelerates the turnover of capital in the 2 to 2.5 times.
- Frees the funds that go into the production development.
- Formed an objective financial statements.
- Optimize the amount of work in process and shortens the production cycle in 2 - 3 times.
- Improves customer service by optimizing the system of orders of finished products.
- Reduce the length of the closure periods for 5 - 10 days.

When choosing a ERPII-systems is necessary to understand that automation for automation does not make sense. It should be clear that the best in the world ERPII-system can not solve all the problems of the company. Any ERPII-system - is, first and foremost, a tool for improving the efficiency and quality of enterprise management, making the right strategic and tactical decisions on the basis of the automated processing of relevant and reliable information. At the same time, ERPII-system – it's not only the tools for business, but technology and its management.

Keywords: ERPII-system, enterprise information systems, business processes, application, business management, automated enterprise management system.