

Answer on Question #54119, Management / Other

Briefly discuss the enterprise functions/activities linked to enterprise resource planning

Explanation:

Planning activities are the most important function on each company. The plans shall include all management decisions, contains reasonable estimates of production and sales, carried out an economic assessment of the costs and resources, as well as the final results of production. In the course of drawing up plans for managers of all levels of management are scheduled its general program of action, the main objective and the result of joint work for the participation of each department or employee in the overall activities combine the individual parts of the plan into a single economic system, coordinate the work of all the planners and the decision to develop a single line of work behavior during the execution of the plans.

The most difficult thing is to build a single system that will serve all the requests of employees of the financial department, and, at the same time, land and human resources, and warehouses and other units. Each of those departments typically has its own computer system optimized for their particular work. ERP combines them all in a single integrated program that works with a single database, so that all departments can more easily share information and communicate with each other. This integrated approach promises to turn into a very large impact if the company will be able to correctly install the system.

Managing all the information about the production process and creating a consolidated infrastructure EDI, ERP-systems can solve many problems of the enterprise, which are combined in the following blocks of tasks.

Production Planning. This unit includes tasks such as medium- and long-term planning and forecasting sales and production, material requirements and capacity. The planning process is a very time-consuming task in terms of computing, since to develop a reliable plan is required to take into account a large number of input parameters (date of delivery and consumption of materials, the necessary production facilities, and their load capacity, the need to repair the equipment needs of the market). Funds planning of ERP allow to avoid many technical and methodological errors in calculations when making plans, as well as to rationalize the employees performing the work.

Accounting. Manufacturing requires working with large amounts of information. Only the number of documents containing the specifications, configurations, descriptions of manufacturing processes, can reach several hundred thousand. Creation of a single information space allows access to the credentials for all users; it helps to avoid double entry and misrepresentation. Thus, we provide the company the resources to operational analysis and control of manufacturing processes and reduce the effort required to find the necessary information.

Control. Through the introduction of enterprise resource planning ERP data recorded in real time and interpreted by one algorithm. The system allows monitoring the performance of

manufacturing operations. Thus, it intervenes possible to timely stop the erroneous operation in the production process or make appropriate adjustments.

Analysis. Pledged in analysis techniques allow the implementation of the company's operations in accordance with its strategy and to simulate different situations. The analytical resources of enterprise resource planning provide an opportunity to develop solutions that reduce costs (for example, by reducing the time storage, capacity planning capacity, resources, selection of the best suppliers and delivery times) or increase revenue (due to the timely processing of customer orders and ensuring higher speed of registration).

Making decisions. It is understood that the solutions adopted by people, rather than the information system. Enterprise Resource Planning gives decision makers the information on the basis of which it can put forward solutions with a minimum of risk.

The organization, which quickly and efficiently solves the problems associated with the management of production, already has a big advantage over their competitors.

Literate approach to the project implementation of the ERP system could help to change the better performance of general business implementation, namely:

- improve customer service and customers, relations with suppliers, increase the number of customers and suppliers (due to a more rapid execution of orders);
- improve the efficiency of the production process as a whole by optimizing the functions of forecasting and production planning (in particular, purchases of materials, capacity utilization);
- reduce the time of production by optimizing production processes and manufacturing operations;
- reduce the costs associated with the management of production, reduce unproductive expenditure and reduce production costs;
- optimizes the management of working capital due to a significant reduction in inventory, increase the turnover of goods and income of the enterprise.