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Kapiton A. M., doctor of pedagogical sciences, associate professor of the department of computer and information technologies and systems, National University «Yuri Kondratyuk Poltava Polytechnic»
A. Karpov, applicant, Scientific lyceum №3 of Poltava city council

FEATURES OF IMPLEMENTATION OF THE FULL-FUNCTIONAL ERP-SYSTEM "KOMPAS"

National University «Yuri Kondratyuk Poltava Polytechnic»
Scientific lyceum №3 of Poltava city council

ERP-System "Kompass" is the famous and laureate of numerous business software competitions. In particular, she was recognized as the winner of the "Business Soft" competition in the nominations "Accounting for labor and wages" and "Automation of accounting for a medium-sized enterprise". The characteristic features of the ERP-system "KOMPAS" are scalability, modularity, high flexibility. The last feature is explained by the presence of a three-level configuration tool "Master of the Kompas", which allows the lion's share of adaptations to be implemented without resorting to programming, exclusively by visual means. The result is the shortest terms of implementation of projects for the implementation of the system [1].

There are absolutely equivalent versions of the system for working with Oracle and MS SQL Server DBMS. Among the users of the ERP-system "Compass" Bank "Credit Suisse", NITI them. A. Aleksandrova, RSM Top-Audit, JSC "Hydrostal", Kanonersky shipyard, 33rd shipyard of the Ministry of Defense of the Russian Federation, Northern Construction Department, Trust No. 36, Center for Shipbuilding and Shiprepair Technology, Central Research Institute of KM "Prometey", JSC Tulamashzavod , JSC "Kemerovohleb" and many others[2].

"KOMPAS" is a full-featured ERP-system, which is a set of programs that allow you to collect and analyze information about the state of the company (financial, commodity, personnel, etc.), carry out budgeting and financial planning, interact with customers and suppliers on the basis of modern client-oriented technologies, find bottlenecks, plan a business for the future, maintain accounting and tax records, manage production according to the MRP-II standard, organize full-fledged personnel management and payroll, automate the quality management system.

A special feature of KOMPAS is the ability to quickly create individual solutions, to achieve the maximum effect from the automation of the company's business processes for each ruble invested. The system was developed by the leading Russian software vendor - the KOMPAS company. Versions for MS SQL SERVER and ORACLE are supported. There are specialized industry solutions for banking, mechanical engineering, construction, metallurgy, retail, shipbuilding, light, meat processing and jewelry industries. System composition:

- financial management;
- document flow;
- quality management system (workflow);
- budgeting;
- Management Accounting;
- management of purchases, stocks and sales;
- fixed assets;
- accounting for special assets;
- personnel management (HRM-system);
- personnel accounting;
- payroll preparation;
- production management (MRP-II);
- cost management;
- marketing and management (CRM-system) [3, 5]

There are specialized industry solutions for the compass ERP system for: Banking; mechanical engineering; metallurgy; jewelery industry; light industry; trade; advertising agencies; ship repair enterprises (includes a specialized module "Ship repair planning).

One of the priority directions of the development of the ERP-system "KOMPAS" is the timely support of changes in the constantly changing legislation. The KOMPAS company is constantly working on changing the current version of its system. The main directions that distinguish the program in the MRP systems market (Production Management):

• Ability to reschedule orders launched into production due to changes in the operational situation. When rescheduling, you can fix the start time and end time of operations.

• The system has an integrated supply subsystem that combines production and warehouse processes in terms of providing orders with inventories.

The module implements a subsystem that allows managers to analyze the load of work centers in various sections, including using the Gant diagram. Ability to redistribute the load and connect backup work centers. Priorities are taken into account by the automatic planning and rescheduling procedure when allocating production capacities, and there is no limitation on the nesting depth of the BOM nodes used for automatic decoupling. There is a possibility of planning "forward" and "backward", re-planning of previously unaccepted plans, accounting of work in progress in pieces and standard hours, the formation of shift-daily tasks for individual employees, as well as integrally for shifts. Provides for the management of the use of scrap by accounting for defective semi-finished products as separate products with a description of the possibility of their subsequent dismantling. Support for complete and simplified options for automating production management, with and without taking into account the utilization of production capacities, flexible configuration of the program for the individual characteristics of the production process of the enterprise, where most of the settings are made by visual means. It is also possible to quickly integrate with third-party software, primarily with CAD, PDM and HRM systems.

The ability to access the KOMPAS: Production Management product according to the cloud service model is essential for geographically distributed industries. In addition, it allows you to abandon non-core assets in the form of expensive computing equipment and the cost of maintaining your own database support service and servers.