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**INTEGRATION OF MODERN IT-TECHNOLOGIES
FOR EFFECTIVE ORGANIZATION MANAGEMENT**

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The article considers the problem of creating reliable, modern, adaptive, flexible and functional IT-technologies for organization management. The IT strategy that defines a set of priority initiatives in the field of information technology is illustrated. The article presents a strategy for a coherent and coordinated development of the information and technical complex in an organization, involving all departments, on the basis of common requirements.

For the last five years the development of information technology has entailed changes in organizations. New techniques and technologies are being applied not only to automate data collection and processing, but also to implement various ideas and ways of obtaining competitive advantage. IT-technology has become an indispensable tool for reaching local, tactical, strategic goals and for sustainable organization development. An information system capable of providing timely, necessary, accurate and balanced information for distributing in the main areas of financial-economic and production activities of the company is suitable for comprehensive analysis and is sufficient for a decision.

Effective development of IT-technologies to address key challenges in the organization requires:

1. formation of the IT- organization's strategy;
2. analysis and evaluation of the current state of IT-security;
3. formation of IT concept;
4. an approach to the implementation of IT development concept;
5. work on IT development concept implementation;
6. feasible study of an individual organization information projects on the basis of allocation efficiency

factors.

IT-strategy is a programme of information systems development in accordance with the strategy of an organization, current and future market needs. Basic parameters for creating information base are laid in IT-strategy development and should meet the following requirements:

1. Scalability – the system must take into account the growing needs of an organization;
2. Flexibility – the system should be easily adjustable by changing internal processes and external environment;
3. Standardization – various components of the system must be compatible and coordinated with the information security requirements;
4. Cost-effectiveness – the use of a decision should be economically justified;
5. Independence – the customer does not have to depend on providers' solutions, although it is not necessary to keep a staff of programmers.

The relationship of strategic goals and objectives of an organization and information strategies can be expressed as follows:

- business strategy determines the direction of an organization's main sphere of activity and the reasons for this direction;
- IT-strategy identifies information required to maintain and optimize a business strategy and shows how these techniques and systems may be implemented in an organization [1].

Analysis of information systems in the organization is carried out in order to determine their compliance with the functional business tasks at different levels of management, user environment, the structure of information flows, the organization of data storage and access. The purpose of this diagnosis is to determine the current state of IT-security for its further development in accordance with the strategy developed by IT.

For information diagnosis, the following steps should be followed:

- IT-diagnostics ensure the basic functional processes and management tools;
- analysis of IT-infrastructure;
- characteristics of information security;
- description of organizational maintenance of IT;
- typology and characterization of IT-software costs.

Basic principles IT-technologies concept formation:

- IT development should be in line with the strategic development of the organization;

ITC, Electronics, Programming

- consolidation in the architecture of organization's IT-structure and content of business key processes;
- coordination with business priorities;
- protection of IT investments;
- a comprehensive solution;
- balance between the current and long-term objectives.

The main output from automation can be achieved through management processes optimization, operational processes and management of financial funds in an organization. Hence the development of a modern IT-technology should proceed in four main areas:

1. Consistent automation of operational processes, providing cost reduction and improvement in key performance indicators of business units of the organization;
2. Development of a corporate information system based on integrated solutions and efficient procedures for collection, processing and presenting information;
3. Creation of an IT-infrastructure, to satisfy modern requirements for the level of reliability and safety;
4. Increase in user productivity and unit personnel of IT [2].

The development system project for creating an integrated information system involves the integration of existing and emerging components. It is a fundamental approach to the implementation of the development of IT-technologies concept. The amount and timing of individual projects are determined by evaluation of IT-software company current state. A detailed analysis of the results determines the direction of IT-technologies company development. A project implementation programme begins with preparation for the implementation, and detailed work planning of individual tasks automate business functions within the framework of the development strategy of IT- technologies [3].

The organization working on the concept implementation is related to the definition of the roles and functions of IT-security departments. The organizational structure of the IT-department allocates units responsible for the development of IT-project management IT-department. The activities of this unit are based on a project [4]. Head of the unit generates the required number of project teams, where employees collect the corresponding specialization. At the same time project teams may be formed of professionals who are subordinated to other heads of departments, depending on the specifics of each project implementation of process management IT-strategy and progress control. Results of each project are based on the following principles:

1. In IT service there must be a group of quality experts-auditors;
2. The quality of each project has to be controlled;
3. The organization should be clearly defined and project risks should approved of;
4. Common indicators for monitoring the designing process should be set;
5. The project participants' motivation should be linked to project results;
6. A mandatory control procedure should be carried out on the project completion;
7. Single control processes must be set.

As a result of the latest IT-technology organization will receive a reliable, flexible and scalable IT-technology that enables a qualitatively new level of organizing processes such as project management, management operations, management risks, sales, finance and other business processes. IT-technologies increase the efficiency of information exchange between the departments of the organization, increasing the speed of decision-making and tasks units implementation, which is one of the most important factors of success of the organization - its profitability and competitiveness.

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