

Summary

Subject matter: The improvement of the practice of the development and realization of management decisions on the basis of the introduction of modern information systems in the work of the executive body of the RF.

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Customer organization: KBR state Committee for energy and tariffs.

Topicality of the research. Today the availability in the organization of the information system of the support of management decision making (ISSMDM) is perceived by the heads as one of the factors contributing to obtaining additional advantages and improvement of the effectiveness of management process. The ISSMDM implies a sufficiently profound processing of data specially transformed in such a way as to be conveniently used in the course of the process of management decision making. The integral component of the ISSMDM are the rules of decision making which on the basis of the aggregate data provide the leadership with possible solution and conclusions. To this or that extent the elements of the automatized support of management decision making are in the place in any information system (IS). So, neither deliberately or not organization get down to the task of the automatization of the process of management decision making right after the purchasing of calculating machines and installment of software. As the organization develops, streamlines its structure and builds connections the problem of the development and introduction of the ISSMDM becomes ever more topical.

Objective of the research is improvement of the practice of the development and realization of management decisions on the basis of the introduction of modern information systems in the work of the executive body of the state power of the subject of the RF.

Tasks: to explore the essence of the process of management decision making, to characterize the essence and types of the ISSMDM; to conduct the analysis of the process of realization and introduction of IS used in management decision making; to conduct the analysis of the system of management and system of decision making in

KBR State Committee for energy and tariffs (SCET); to develop the model of the ISSMDM for KBR SCET in conformity with the existing management system; to work out recommendations on the introduction of the ISSMDM in KBR SCET.

Theoretical and practical significance of the results of the research is to specify such notions as: the essence of the process of management decision making, essence and types of the ISSMDM, process of realization and introduction of the ISSMDM. Practical significance of the research is the development of the model of the ISSMDM for the executive body of the state power.

Results of the research. The system of management existing in KBR SCET within a framework of the research was presented as a process-based model whose analysis showed that the major part of the Committee's processes are realized "by hand", while the creation and functioning of the ISSMDM of full value is possible only on the basis of the single automatized system of management. So. one of the most important tasks of the improvement of the practice of management and management decision making in KBR SCET is the automatization of the "by hand" processes within a framework of a single ISSMDM.

Recommendations. In conformity with the system of management now in place in KBR SCET, the ISSMDM can be realized in the form of the so-called Enterprise Resources Planning System consisting of functional modules each of which corresponds to the element of the process-based model of KBR SCET subject to automatization.

The methods of the introduction of the proposed model ISSMDM in KBR SCET implies the conventional division of the process under consideration into four stages:

1. installment and tuning of the information system;
2. training of users;
3. preliminary testing of the system;
4. experimental exploitation and acceptance testing.

Moreover the realization of the indicated stages may not necessarily be consecutive; as a project of this kind implies the possibility of the simultaneous implementation of different kinds of work.