ABSTRACT

Report: 99 p., 25 tables, 25 pics., 17 sources.

Actuality of theme. The rapid development of information systems, the growth of computers, the emergence of portable devices - tablets and smartphones, cloud-based data processing technologies, have provided new opportunities for managers and business leaders in managing and improving business competitiveness. One such tool is decision support systems.

One of the objects for study was the system of integrated client platforms. Problems arise when creating decision support systems: a clear understanding of the problem and formulation of knowledge about the results of alternative actions

The goal is to improve the quality of management decision making to maximize profits through the Integrated Client Platform (GRC) system.

Objectives of the study:

- characterize a typical architecture for decision support systems; analyze existing DSS;

- determine the effectiveness of the existing DSS;

- to develop DSS for the system of integrated client platforms;

- determine the effectiveness of the created DSS.

The object of study is a system of integrated client platforms with bitcoin currency.

The subject of the study is decision support systems.

The research **methods** used in the work are based on the methods of artificial neural network theory, basic principles of probability theory and mathematical statistics.

The scientific novelty is the first time a decision-making algorithm has been developed in the system of integrated platforms with blockchain currency.

Publications. According to the research direction, the following materials were published:

1) Berestenko A.A. SYSTEMS FOR SUPPORTING DECISION MAKING IN MANAGEMENT ACTIVITIES / Berestenko AA, Selin Yu.N. // Proceedings of the 15th International Scientific Practical Conference, Achievement of high school - 2019, November 15 - 22, 2019: Sofia, White City-BG - p. 79-81.

2) Berestenko A.A. SYSTEM OF INTEGRATED CLIENT PLATFORM / AA Berestenko, Yu.N. // Proceedings of the 15th International Scientific Practical Conference, Achievement of high school - 2019, 22-30 November 2019: Sofia, White City-BG - p. 6-9.

TREES OF DECISION MAKING, INTEGRATED PLATFORM SYSTEMS, DECISION SUPPORT SYSTEMS, BITCOIN, BLOCKCHAIN SYSTEMS.