

The abstract

Theme of qualifying work: Modernization of the enterprise information system "North Caucasus" branch of "OBORONENERGO" and its analysis of the information security.

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Information about the organization, the contracting authority: "North-Caucasus" branch of "OBORONENERGO."

The relevance of the research topic: development of computer technology and computerization of various spheres of public life, raises the issue of security of this area. With the development of information technology, as well is the development of cyber-crime. To ensure the security of systems and store confidential information unacceptable to hit a third person, there is a continuing need to modernize and improve information security systems.

Purpose of the work: is to upgrade the existing security system in the enterprise, "North Caucasus" branch of "OBORONENERGO" maximize the effectiveness of the security system and reducing risks for breach of secrecy, theft or modification of sensitive data.

Tasks: - to identify deficiencies of the current system safety characteristics of enterprise information system, internal audit, identified gaps. The use of software and hardware for data protection, the improvement of the existing video surveillance systems, improving access control, improved organizational tools and methods for the protection of information.

The theoretical and practical significance of the study: as the means to an end, select the various integrated approaches to ensure the protection of information. The choice of means was performed by the comparison of the different products on the market and the identification of the highest quality and at the same time not expensive means, so the choice was based on the

recommendations of experts in the field of information security. Ensuring organizational protection based on federal laws and regulations of the Government of the Russian Federation.

Results: It was investigated by a variety of means and methods of information used in the enterprise, such as video surveillance, engineering and technical protection, software and hardware security, organizational and legal methods of information protection, access control system. Proposals have been made to improve the existing system, as well as the implementation of new systems of information security in the enterprise.

Recommendation: This Graduate work can be applied to companies of a similar nature, as well as in enterprises with processing state secrets, to review existing security systems, and to improve their efficiency.