

The theme of the final qualifying work: Improving the protection of information from unauthorized access (for example, the enterprise SP Filonenko AA)

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Information about the customer organization: PYATIGORSK state University»

The relevance of protection against unauthorized access is associated with a set of organizational and technical measures to ensure the security of information by technical means that will prevent the penetration of an attacker to the sources of information, protect the media, as well as prevent information leakage through various technical channels.

Purpose: improving the protection of information from unauthorized access to the enterprise IP Filonenko AA

Tasks:

- analysis of the structure of the enterprise IP Filonenko AA;
- study of the subject area of activity of the enterprise;
- identification of information security system problems at the enterprise;
- statement of the task on improvement of methods and means of information security from unauthorized access of SP Filonenko A. A.
- development of a project for the practical application of the selected tools

The theoretical significance of the work lies in the analysis of the structure of the enterprise SP Filonenko A. A study of information flows, methods and means of information security, which allowed the complex to assess the protection of information from unauthorized access to the enterprise SP Filonenko A. A..

The practical significance of the study is determined by the fact that the recommendations contained in the final qualifying work of an applied nature can be useful for improving technical and program measures, as well as serve as practical material for improving the comprehensive protection of information in the organization .

The results of the study: acquainted with the structure and subject area of the enterprise SP Filonenko AA, analyzed the information security system of the enterprise, which allowed to draw conclusions about the shortcomings of the ZI and develop a number of proposals that will improve the protection of information from unauthorized access to the enterprise.

Recommendations:

Implement the following security features:

1. A new version **of the security alarm system, GSM/wifi alarm system "Guardian of Triumph-GSM 1.0"**.
2. **Protocol Watch 1M** - fire alarm system. The address-analog system is reliable in operation, can be integrated into complex security systems of the enterprise.
3. Software and **hardware against unauthorized access electronic lock "Sable"**.

The proposals will protect the company from unauthorized access both in terms of engineering AND hardware and software protection.