

**Graduate work theme:** Organization of system of technical information security (on the example FSBEI of HE «PSU»).

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**Information about the organization of the customer:** FSBEI of HE «Pyatigorsk State University» in Pyatigorsk

*The urgency of the topic* of graduate work is conditioned by the analysis of laws, normative acts in the field of information security, modern scientific literature on the subject of this work.

*The purpose* of the graduate work is the development of proposals for the improvement of engineering and technical security of information in the FSBEI of HE «Pyatigorsk State University».

**Theoretical significance** of the work was analyzed a number of regulatory and legal documents in the field of information security were analyzed, the existing practical problems to be investigated, the special literature studied, the market of hardware and software products in the field of engineering technical security of information were studied.

**Practical significance** lies in the possibility of applying a set of concrete proposals developed in the graduate work on improving engineering and technical security in the applied field. The results of the research can be applied in the work process of the organization and are designed to make the most effective measures taken to ensure the security of the university.

**Results of the study:**

In the course of our studies and writing graduate work, we analyzed the existing information security system of the corps of IRGLIHT of FSBEI of HE PSU, its organizational, software and hardware and engineering facilities.

After examining the methods and tools used to ensure information security at the institute, we came to the conclusion that it was necessary to develop additional measures for engineering and technical security of information in the IRGLIHT:

- ensure the security of confidential information processed on the PC by administrative and methodological personnel;
- secure access to the offices of the premises where confidential information is processed from the infiltration of infringers;
- ensure the security of acoustic information in the offices of the administration.

The implementation of these measures will improve the reliability of the information resources security system at the IRGLIHT.

**Recommendations:**

To date, information has become a very important and weighty factor with its value determined by the real profit that can be obtained from its use. On the other hand, it is also possible that the damage caused to the information owner by unauthorized penetration into the information structure and impact on its components.

One of the key roles in ensuring information security in the organization belongs to engineering and technical protection. Therefore, the provision of reliable engineering and technical protection, as an integral part of the system approach to information security, is a very urgent task for any organization.