

**The theme of the final qualifying study:** The development of measures to protect information from integrated security FSI of HE “PSU”, Pyatigorsk

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**Contracting authority information:** FSI of HE “PSU”, Pyatigorsk

**Timeliness of the research:** Permanent increasing of the confidential information capacities and wide usage of the different technical facilities for information processing, an appearance of the new methods and unauthorized access facilities require more disposition by the systems and methods of its’ complex protection. The problem of keeping data secure from the unauthorized access in organizations is currently important.

**Objective:** the development of protection information efforts from unauthorized access on the example of the “PSU” personnel management

**Goals:** introduction to the purpose and activity of the FSI; the study and characteristics of the structure and main directions of the personnel management activity; the statement of the problem and the development of the measures to improve the system for information protection from the unauthorized access on the example of the “PSU” personnel management activity.

**The theoretical significance of the study** is determined by the relevance of the theme and a necessity of the detailed theoretical research of the unauthorized access into the protected information problem and the ways of its’ prevention; in the analysis of the legal acts, the research and analysis of the information security issues in this institution, in the research of the market of information security tools

**The practical significance of the study** is determined by the opportunity of the developed suggestions usage

**The results of the study:** identified deficiencies in the ensuring security of information management resources; the PC software is not secured enough as well as the PC’s confidential information; the absence of the CCTV can lead to an unauthorized access; the control doors sensors are in the poor condition; the wooden closets do not guarantee the data’s security.

**Recommendations:** to organize the installation of the CCTV in order to protect and monitor the informational resources inside of the room; to install the magnetcontact sensors at the front of the control doors in order to protect from unauthorized access, switch the wooden closets with the metallic ones in order to keep the administration's confidential documentation disclosed. It's been suggested to install the certified DPF (note; data protection facilities) "Blockhost-Set 2.0" to avoid an unauthorized access, and that will provide the secure PC access authentication, integrity control of the information resources and the security of data and software configuration.

The introduction of the developed methods will help to increase the reliability of the Unauthorized Access Security Administration's information resources protection.