

Theme of the final qualifying work: ORGANIZATION OF THE INTEGRATED SYSTEM OF INFORMATION PROTECTION AT THE ENTERPRISE (on the example of FSBMO HE "PSU").

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The urgency of the theme of the final qualifying work. An integrated approach to the problem of developing, creating and maintaining a secure information environment for the processing and exchange of information, governed by certain rules and security policies of the educational institution, is very relevant.

At present, the problem of information protection has taken on a special urgency and the information security specialist is required to master the full range of methods and methods of information protection, to be able to evaluate and select specialized and complex information protection systems for specific protection objects.

The purpose of the final qualification work is the development of proposals for the improvement of the complex information security system at the Pirogigor State University.

The theoretical importance of the work - analyzed a number of regulatory and legal documents in the field of information security, highlighted and analyzed the existing practical problems to be investigated, special literature was studied, the market of hardware and software products in the ITS information field was investigated.

The practical significance lies in the possibility of applying the proposals developed in the FQW to improve the IS system in the institution in order to improve the level of information security of the university.

Results of the study:

As a result of the research of the information security system in the Integrated Security Administration of the Federal State Educational Institution of Higher Professional Education in the "PSU" we:

acquainted with the appointment and activities of the Office;
assessed the information and communication support of the organization;
analyzed software and hardware, engineering, technical and organizational and legal support for the protection of information of the organization;

As a result of our work, we developed proposals for the creation of an integrated information security system for the organization.

Recommendations:

1. Replace the obsolete OS with a more modern **Windows 10 OS**.
2. Update the anti-virus system and install **Kaspersky Internet Security**.
3. Install a certified data protection system against unauthorized access to **Secret Net Studio-C**.
4. Install **UPS** uninterruptible power supplies to protect against power failures.
5. To introduce wireless **GSM** alarm system "**Guardian Profi-GSM**"
6. Install **metal doors with a biometric lock** at the entrance to the cabinet.
5. Install **window blinds** on the cabinet windows.
6. To propose to management the creation of a single high-level document "Information Security Policy" to unite all internal regulatory documents on the IS and develop a unified approach to the regulatory regulation of the organization's security system.