

The abstract

The subject of final qualifying work: «Construction of secure network for FGBU «Stavropol interregional veterinary laboratory».

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The information about organization-customer: FGBU «Stavropol IVL».

The actuality of a research issue: due to the fact that the information obtained in the course of the laboratory, have extreme value across the entire state.

The purpose of activity: on basis of the analysis of the threats of network, suggest ways and means to remove these threats by performing a cost estimate of resources at the technologies being implemented.

The methods of research: the analysis of purpose and occupation of the enterprise, the evaluation of the material and technical support of enterprise, an offer of solutions for improving information-communication, and technical-information security of company, preparation and offer of the effective ways to upgrade the existing network; to justify the reasons for the choice of one or another means to provide a secure network.

The theoretical and practical significance of the study specified on the ideas of arranging and building of a network proposed by the authors of the literature about information security, as well as the concepts of network upgrades designed by the modern analysts.

Results of the research: the deficiencies are identified in the organization's network, the conditions are proposed to minimize and locate the damage caused by a wrongful act, reduce the negative impact and liquidation of the consequence of breaches in security of information.

The recommendations are organized for the improvement of the existing network through the introduction of additional equipment and a number of construction works in FGBU "Stavropol IVL".