

SUMMARY

Subject matter: THE DEVELOPMENT (PERFECTION) OF THE INFORMATION TECHNOLOGY SECURITY PROCEDURES AND METHODS IN THE BANK SYSTEM (made on the example of JSC CB “Evrositybank”)

Author: Kurilova Alena Sergeevna

Research Advisor: Ryindyuk Victoria Alexandrovna, PhD in Technical Sciences, assistant professor of the Information technologies, mathematics and distant methods of education Chair

Topicality of the research: Computers play an inseparable part in our modern world and oftener and oftener function as a document flow. The more valuable the information is the more it is in-demand and such a situation can cause a big threat to the owner. Confidential or inside data leakage can not only diminish the competitive bank position but can also worsen the relationships with the clients and governmental institutions.

The purpose of the research: developing procedures and methods on the security of the information technology in the bank system and leak decreasing.

The tasks of the research:

1. To identify the theoretical and practical aspects of the architecture and functioning of the IT security in the organization;
2. To identify the applicable legislation of the Russian Federation in the sphere of IT security and the praxis of it in the organization;
3. The evaluation of the IT security system in the bank in order to determine its weak points;
4. The selection of the methods of the elimination of the insufficient means in the bank IT security system.

The theoretical and practical significance of the research: in this paper we distinguished the main weak points of the IT security made on the base of the JSC CB “Evrositybank”, suggested the methods of their elimination and also supported

the bank with the up-date procedures of the methods and systems of IT security in order to reach the efficiency.

The results of the research: we can conclude that the IT security system in the JSC CB “Evrositybank” is organized on a very high level, but we managed to disclose some weak points, especially, there are drawbacks in:

- the system of the users’ identification and authentication;
- the control of in- and out- e-mail traffic of the company;
- the data control of clients immediate exchange of messages;
- the data leakage protection by the usage of USBs and flash-cards;
- the data control via printing;
- the control of the operations which are stored on the servers and net-directions.

The recommendations: The efficient suggested methods of IT security system in the JSC CB “Evrositybank” are:

- to launch the terminal architecture;
- to launch the device – Touch-memory;
- to install the protective programs from insiders.

There are no absolutely secure methods of IT protection in the computer nets, but it is possible to reach the minimum of data leakage by the usage of complex approaches to the problem of IT security.