

ISSUES OF ENSURING INFORMATION SECURITY IN UZBEKISTAN

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ABSTRACT

This article scientifically analyzes information security trends in Uzbekistan. The conceptual views on the main aspects, methods and networks of information protection are described. Recommendations have also been developed to strengthen the legal framework and improve the culture of using information in society.

Keywords: information, security, Uzbekistan, legal framework, ensuring human rights and freedoms.

INTRODUCTION

According to the Law of the Republic of Uzbekistan "On the principles and guarantees of freedom of information", information security is understood as the protection of the interests of the individual, society and the state in the information sphere. The issue of ensuring information security applies equally to the subjects whose rights and interests must be protected, and to the subjects providing such protection[1].

These include: public authorities, local governments, as well as legal entities and individuals that produce and consume information; bodies developing and using information systems, technologies and means of their support; include organizations, enterprises, institutions, government bodies and officials that ensure information security, create information resources and provide information from them to consumers.

In the field of creation (production) of information, first of all, the following are subject to protection: information that is an object of intellectual property; information that is an object of ownership in the form of intellectual property. In the field of creation and use of information systems, technologies and means of their support, all technical, organizational, legal and software protection tools should be developed based on information security requirements. First of all, it is necessary to protect: information, for example, electronic digital signature devices; information bases (knowledge) as part of automated information systems and their networks.

The information security of the Republic of Uzbekistan is in the constant attention of the state. Decrees, resolutions and laws have been adopted to develop and improve the national regulatory framework for the legal support of information security. These legal documents embody the goals, objectives, principles and main directions of ensuring information security of the Republic of Uzbekistan. It serves as a legal basis for the formation of the state policy for ensuring information security of the Republic of Uzbekistan, the preparation of proposals for improving information security from the legal, methodological, scientific, technical and organizational sides, the development of targeted information protection programs.

The national security of our republic depends on ensuring information security, and with the growth of technological progress, this dependence will increase even more.

The interests of a person in the field of information are to exercise the constitutional rights of a citizen to own information, to use information in the implementation of activities not prohibited by law, for physical, spiritual and intellectual development, as well as to protect information in order to ensure personal security. The interests of society in the field of information are to ensure the interests of the individual in this area, strengthening democracy, establishing a state of law, achieving harmony in the renewal processes taking place in Uzbekistan.

The interests of the state in the field of information are to create conditions for the harmonious development of the information infrastructure in Uzbekistan, to ensure the integrity of the constitutional order, independence and territorial integrity of the Republic of Uzbekistan. Implementation of the constitutional rights and freedoms of citizens to receive and use information, ensure the rule of law, law and order, equal international cooperation, development of cooperation.

The issue of ensuring information security of the Republic of Uzbekistan is an important part of ensuring the national security of the country. The threats to information security of the Republic of Uzbekistan are:

- Threats to the spiritual life of citizens, constitutional rights and freedoms in the field of information, individual, collective, public consciousness and the spiritual revival of Uzbekistan;
- Threats to the state policy in the field of information support of the Republic of Uzbekistan;
- Threats to the security of information and telecommunication facilities and systems created on the territory of the Republic of Uzbekistan[2].

General methods for ensuring information security of the Republic of Uzbekistan are divided into legal, organizational, technical and economic groups.

Among the legal methods for ensuring the information security of the Republic, one can include the development of regulatory legal documents regulating relations in the information sphere, and the development of regulatory and methodological documents on issues of ensuring information security of the Republic of Uzbekistan.

Important areas of this activity are:

- Creation and improvement of the information security system of the Republic of Uzbekistan, elimination of internal contradictions in the legislation, contradictions related to international treaties signed by the Republic of Uzbekistan, as well as amendments and changes to the republican legislation regulating relations in the field of information security;
- Determination of mechanisms and tasks for the participation of public associations, organizations and citizens in activities to ensure information security of the Republic of Uzbekistan;
- Development of regulatory legal documents of the Republic of Uzbekistan, defining the responsibility of individuals and legal entities for illegal copying, violation and misuse of information, deliberate dissemination of false information, illegal disclosure of confidential information, use of official information or information constituting a trade secret for criminal and malicious purposes exit and reception;
- Clarification of the status of foreign news agencies, media and journalists, as well as investors when attracting foreign investment to develop the information infrastructure of Uzbekistan;

- Establish by law the priority of developing national communication networks and establishing the production of space communication satellites in the republic;
- Determining the status of organizations providing world-class information and telecommunication systems services on the territory of the Republic of Uzbekistan and legal regulation of their activities;
- Creation of a legal framework for regional structures to ensure information security in the Republic of Uzbekistan.

Organizational and technical methods for ensuring information security of the Republic of Uzbekistan are as follows:

- Creation and improvement of the information security system of the Republic of Uzbekistan;
- Strengthen the activities of the executive authorities of the Republic of Uzbekistan aimed at preventing and suppressing offenses in the field of information, identifying and bringing to justice those who have committed crimes and other offenses in this area;
- Development, application and improvement of information security tools and methods for effective management of these tools, development of secure telecommunication systems, increasing the reliability of special software;
- Creation of a system and means of preventing damage and destruction of processed information, as well as special effects that lead to a change in the established procedure for the operation of information and communication systems and means;
- Identification of technical devices and programs that threaten the uninterrupted operation of information and telecommunication systems, prevention of illegal receipt of information in technical channels, the use of cryptographic protection tools for storing, processing and transmitting information via communication channels, monitoring the implementation of special requirements for information protection;
- Formation of a monitoring system for indicators and characteristics of information security of the Republic of Uzbekistan in the most important areas of society and the state[3].

The economic methods of ensuring information security of the Republic of Uzbekistan include the development of programs for ensuring information security and determining the procedure for their material support; improvement of the system of material support for work related to the introduction of legal and organizational and technical methods of information protection; includes the creation of an information risk insurance system for the actions of individuals and legal entities.

In the course of implementing their tasks to ensure the information security of the Republic of Uzbekistan, state bodies will objectively and comprehensively analyze the threats to information security and develop measures to ensure it. Also, the state power organizes the activities of legislative (representative) and executive bodies to implement a set of measures aimed at preventing, returning and eliminating threats to the information security of the Republic of Uzbekistan[4]. At the same time, it supports the activities of public associations to provide objective information to the population about socially significant events in the life of society, protect society from false and inaccurate information, certify the development, creation, development, use, export and import of information protection and control means through licensing. In addition, the state implements the necessary protective policy in relation to information producers and information security tools on the territory of the Republic of

Uzbekistan, takes measures to protect the domestic market from low-quality information tools and products, and provides assistance to individuals and legal entities. The organization of the development of an information security program that combines the efforts of state and non-governmental organizations in the field of information security, the internationalization of world information networks and systems, and the creation of an opportunity for Uzbekistan to enter the world information community on equal terms of cooperation is among the tasks of the state to ensure information security.

Improving the legal mechanisms for regulating public relations arising in the field of information is a priority direction of the state policy of the Republic of Uzbekistan to ensure information security. Legal support of information security of the Republic of Uzbekistan should be based on the principles of compliance with the law in the information sphere and the balance of interests of citizens, society and the state in this area.

Compliance with the principle of legality requires the state authorities of the Republic of Uzbekistan to strictly comply with laws and other regulatory legal documents governing relations in this area, when resolving disputes in the information sphere.

Compliance with the principle of balancing the interests of citizens, society and the state in the field of information involves the use of forms of public control over the activities of public authorities of the Republic of Uzbekistan, the legislative determination of the priority of these interests in various areas of public life. Ensuring the constitutional rights and freedoms of citizens associated with activities in the information sphere is one of the important tasks of the state in the field of information security.

The implementation of the most important measures to ensure the information security of the Republic of Uzbekistan involves the development of an appropriate program. The specification of certain areas of the information security policy of our state in relation to certain areas of society and the state can be implemented in the relevant documents approved by the President of the Republic of Uzbekistan.

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