

# Role of Information Security Policy in Providing Information Security in Economic Fields

**Majidova Mohigul**

Faculty of Human Resources Management, Samarkand State University.  
Graduate student of the Department of Digital Economy

**Annotation:** In this article, the security policy in the economic sectors and the scheme of information flow in the provision of security, the extent to which the business process provides the information flow, and the additional measures that should be applied to ensure that the provision of information protection is important and viable. Shows all fields.

**Key words:** Information security policy, information flow scheme, security policy rules, organizational information communication system, computer viruses.

In today's era of digital technologies, views on the concept of information have changed, and today's organizations and enterprises are accustomed to adding information to their material wealth. In such economic sectors, ensuring the reliable protection of information is becoming the main issue facing enterprises and organizations. As a solution to this issue, the development and implementation of information security policy in economic sectors provides an opportunity to effectively solve the emerging problems. The information security policy provides security in general terms without detailed specifications. It provides planning of all security programs. The information security policy must ensure the protection of the organization's tasks or the protection of the work process.

Hardware and software that must be covered by the security policy are means of ensuring the security of the work process (business process) in the economic spheres. Therefore, as the main task, it is necessary to inventory or take into account the information communication system and the network architecture. When creating a network architecture, it is necessary to determine the flow of information in each system. shows the scheme of information flow in economic areas, how much information flow is provided by the business process, and the areas where information protection is important and additional measures should be taken to ensure viability. In addition, with the help of this scheme, it is possible to determine the necessary places for information processing, how to store, register, copy, change and control information in the economic sphere. The practical steps involved in defining an information security policy should include:

1. To determine the management documents and standards used in the information security processes in the economic spheres, as well as the main regulations of the information security policy, i.e.:
  - managing the use of information and communication system tools, programs and data;
  - virus protection;
  - backup copy issues;
  - carrying out repair and restoration works;
  - informing about incidents (conflicts) in the field of information security.
2. Determining approaches to vulnerable situations in economic sectors, that is, whether the basic level of protection is sufficient or whether a full version of the analysis of vulnerable situations is required.
3. Determination of information security requirements in economic fields.
4. Structuring countermeasures by levels.
5. Determining the procedure for certifications in accordance with standards in the field of information security in economic sectors. The organization's practical security policy may include the following sections• general statute;
  - password management policy;
  - identification of users;
  - authority of users;
  - protection of the information communication system of the organization from computer viruses;
  - rules for establishing and controlling network connections;

- security policy rules for working with the e-mail system;
- rules for ensuring the security of information and communication systems;
- obligations of users to fulfill the rules of the security policy, etc. k. s. Security policies must always be developed and improved as the organization evolves. For this, it is necessary to review the rules periodically. One of the methods of reviewing the security policy is the audit of information and communication systems. In this area of information hiding, the hidden information has nothing to do with the content, and the content is used only to hide the information. For example, suppose Alice is a secret agent who wants to send classified information to her partner. To do this, he describes the details of the recent summer vacation in a paper letter. After that, he changes the color of the ink to milk. After that, he writes the secret information between the lines written in the usual ink color. Once the milk has dried, the confidential information on the paper is invisible to the naked eye.

If this letter is held up to a light, it will be possible to see confidential information. Unlike Watermark, confidential information does not belong to content. It is simply used to hide sensitive information. However, it is recommended to set the period of revision of security policy rules from six months to one year. Taking into account the above, the main task in ensuring the safety of information and communication systems is the information security policy and its implementation. Therefore, the information security policy defines important measures to ensure information protection in organizations.

In the sale, any goods are attached not with a magnetic code attached to a sales tag, but with an active computer table, which the buyer can refer to remotely and gives him all the necessary information: what, where, when, how, how much and at what prices, etc. The technical support necessary to create such virtual systems may consist of the following:

- cheap, simple, compact computers; from multimedia tools;
- miniature transceiver radio devices for communication of computers with each other and with the network;
- there can be distributed broadband communication channels, networks, etc. Many of the prerequisites for creating the specified organizers and their simplest symbols are already available. But there are also problems. One of the most important of them is the privacy and security of information so that our entire personal life does not become a public property for everyone.

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