

Economic and Legal Foundations of the Development of Information Technology in Uzbekistan

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Annotation. In this article, information about the nature of information and communication technologies and their importance in socio-economic life, the development of information and communication technologies in Uzbekistan and the economic and legal basis of the development of information and communication technologies is detailed.

Key words. Information, information resource, information technology, information system, electronic digital signature, private key of electronic digital signature, electronic document, details of electronic document, electronic commerce, electronic commerce participants, electronic payment, payment and its types.

It is worth noting that the development and widespread use of information technology is among the important strategic tasks of our state for the near and long term. As noted by our president, " it is important to more actively involve advanced technologies and information and communication systems in all areas in increasing our country's GDP by more than 2 times until 2030."

In order to rapidly develop information and communication technologies in our country, appropriate work is carried out to ensure the implementation of unified state policy in the field of Information Technology and communications, the implementation and implementation of comprehensive programs for the implementation and development of the National Information and communication system based on the world level of Information Technology Development.

In our country, there is a need to ensure the application of information and communication technologies in public administration, sectors of the economy, the social sphere and everyday life, and a wide range of work is carried out on this. In this regard, the authors cite relevant information, research results in the monograph. The service also reflected information on the range of modern technologies used in the field of rendering.

Laws in the field of information and communication technologies in the Republic.

- Informatization Act (2003.)

- Electronic Digital Signature Act (2003.)
- Electronic Document Management Act (2004.)
- E-commerce Act (2004.)
- Electronic Payments Act (2005.)

The Information Law of the Republic of Uzbekistan was adopted in 2003. The ACT consists of 23 articles, the purpose of which is to regulate relations in the field of informatization, the use of information resources and Information Systems.

This law applies the following basic concepts:

Informatization - the organizational socio-economic and scientific-technical process of creating conditions using information resources, information technologies and information systems to meet the information needs of legal entities and individuals;

Information Resource-Information, Data Bank, database in electronic form within the information system;

The owner of information resources or information systems is a legal or natural person who owns, uses and disposes of information resources or information systems;

The owner of information resources or information systems is a legal or natural person who owns, uses and disposes of information resources or information systems within the framework of the rights established by law or by the owner of Information Resources, Information Systems;

Information Technology-total methods, devices, methods and processes used to collect, store, search, process information and distribute it;

An information system is a total Information Resources, Information Technology and communication tools, organized in an organizational way, that allow the collection, storage, search, processing and use of information.

Public policy in the field of informatization is aimed at creating a national Information System, taking into account the modern world principles of the development and improvement of Information Resources, Information Technology and Information Systems.

The main directions of public policy in the field of informatization are as follows::

1. Implementation of the constitutional rights of everyone to free access and dissemination of information, ensuring the free use of information resources;
2. Creation of a unified information space of the Republic of Uzbekistan on the basis of information systems of state bodies, network and territorial information systems, as well as information systems of legal entities and individuals;
3. Creating conditions for the free use of international information networks and the Internet world Information Network;
4. Formation of State Information Resources, creation and development of information systems, ensuring their compatibility and interaction;
5. Organization of the production of modern means of Information Technology;
6. Assistance in the formation of the information resources, services and Information Technology Market;
7. Promote the development of the production of software products;
8. Support and promotion of entrepreneurship, creating favorable conditions for attracting investments;
9. Training and training of personnel, promotion of scientific research.

The electronic digital signature law of the Republic of Uzbekistan was adopted in 2003. This law consists of 22 articles, the purpose of which is to regulate relations in the field of use of electronic digital signature.

This law applies the following basic concepts:

Electronic digital signature-a signature formed by a special modification of the information of this electronic document in an electronic document using a closed key of an electronic digital signature, which allows you to determine the absence of errors in the information in the electronic document using the open key of an electronic digital signature and identify the owner of an electronic digital signature closed key;

A closed key to an electronic digital signature is a sequence of symbols that are unique using electronic digital signature tools, are known only to the signer himself, and are designed to create an electronic digital signature in an electronic document;

An electronic digital signature public key is a sequence of symbols formed using electronic digital signature tools, corresponding to the closed key of an electronic digital signature, which any user of the information system can use and intended to confirm the authenticity of an electronic digital signature in an electronic document;

Confirmation of the authenticity of the Electronic Digital Signature - a positive result when checking whether the electronic digital signature belongs to the owner of the Electronic Digital Signature closed key and the absence of an error in the information in the electronic document.

The law on electronic document management of the Republic of Uzbekistan was adopted in 2004. This law consists of 19 articles, the purpose of which is to regulate relations in the field of electronic document management.

Public policy in the field of electronic document management is aimed at ensuring the widespread use of electronic document management, protecting the rights and legitimate interests of participants in electronic document management, developing standards, norms and rules for the use of electronic document.

This law applies the following basic concepts:

An electronic document is an information electronic document that is recorded in electronic form, certified by an electronic digital signature and has other requisites of an electronic document that allow it to be identified.

The electronic document is created, processed and stored using technical means and the services of Information Systems and Information Technology.

An electronic document must be created taking into account the possibility of Electronic Document Management participants to perceive this document.

Requisites of an electronic document-mandatory requisites of an electronic document consist of:

- ❖ electronic digital signature;
- ❖ name of the legal entity sending the electronic document or surname, name, patronymic of the individual sending the electronic document;
- ❖ email and email address of the sender of the electronic document;
- ❖ date of creation of the document.

Other details of the electronic document can also be specified in the legislation or by agreement of the participants in the Electronic Document Management.

The e-commerce law of the Republic of Uzbekistan was adopted in 2004. The ACT consists of 14 articles, the purpose of which is to regulate relations in the field of e-commerce.

This law applies the following basic concepts:

E - commerce-entrepreneurial activity that is carried out using information systems, the sale of goods, the performance of work and the provision of services is e-commerce.

E-commerce participants are participants in e-commerce legal entities and individuals who carry out e-commerce, as well as legal entities and individuals who are buyers of related goods (works, services).

Information brokers may also participate in e-commerce. Legal entities and individuals providing services related to electronic document management are information intermediaries.

The Electronic Payments Act of the Republic of Uzbekistan was adopted in 2005. The ACT consists of 23 articles, the purpose of which is to regulate relations in the field of electronic payments.

The basic concepts used in this law are:

Electronic payment-the implementation of non-cash settlements through electronic payment documents using technical means, information technologies and Information Systems Services is electronic payment. Electronic payment is made in accordance with the established rules of the payment system on the basis of contracts concluded between the entities of the payment system.

The payment system and its types are a set of relationships that arise between the entities of the payment system when electronic payments are made:

Types of payment system:

- interbank payment system;
- internal payment system of the bank;
- it consists of retail payment systems.

Decrees of the president of the Republic of Uzbekistan:

- ✓ On measures to improve management in the field of telecommunications (2000 y.)
- ✓ On the further development of computerization and the introduction of information and communication technologies (2002.)
- ✓ On additional measures for the further development of information and communication technologies (2005 y.)
- ✓ On the establishment of the public educational information network of the Republic of Uzbekistan (2005.)
- ✓ On the organization of information and library provision of the population of the Republic (2006.)

Decisions of the president of the Republic of Uzbekistan and the Cabinet of Ministers of the Republic of Uzbekistan and regulatory documents on the sphere:

- ✓ On measures for the further development of computerization and the introduction of information and communication technologies (2002.)
- ✓ On the improvement of the regulatory framework in the field of informatization (2005.)
- ✓ On measures to further improve the interaction of state and economic management, local government bodies with legal entities and individuals using information and communication technologies (2007), the president of the Republic of Azerbaijan said
- ✓ On measures for the further development of the government portal of the Republic of Uzbekistan in the Internet network (2007 y.)
- ✓ On the procedure for providing and posting information to the government portal of the Republic of Uzbekistan on the Internet network (2009 y.)

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