

Problems and solutions to ensuring the awareness of the individual in Uzbekistan in the context of globalization

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ABSTRACT

Ушбу мақолада Ўзбекистонда шахсий маълумотлар хавфсизлигини таъминлаш билан боғлиқ муаммолар ва ечимлар кўриб чиқилади. Глобаллашув шароитида ахборот тизимларининг ўзаро боғлиқлиги шахсий маълумотлар хавфсизлиги учун ҳам имкониятлар, ҳам муаммоларни келтириб чиқарди. Ҳукумат, хусусий сектор ва фуқаролик жамияти ўртасидаги ҳамкорлик ва ҳамкорлик ушбу муаммоларни ҳал қилиш ва таклиф қилинган ечимларни амалга оширишда муҳим аҳамиятга эга.

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Abstract: This article examines the challenges and solutions related to ensuring the security of personal information in Uzbekistan. In the context of globalization, the interconnected nature of information systems has created both opportunities and challenges for personal data security. Cooperation and collaboration among the government, private sector, and civil society are crucial to solving these problems and implementing the proposed solutions.

Keywords: Personal information security, Uzbekistan, globalization, data protection laws, cybersecurity awareness, cybersecurity infrastructure, international cooperation.

Globalization has brought significant changes in the exchange and use of information around the world. In Uzbekistan, this phenomenon has seriously affected the security of personal data and presented problems and opportunities. Personal data security refers to the protection of confidential information of individuals, such as financial information, medical information and personal identifiers, from unauthorized access, use or disclosure. In the age of digital technology, where information is increasingly stored and transmitted electronically, ensuring the security of personal data is essential to protect the privacy of individuals and prevent theft of personal data and other cybercrime.

However, Uzbekistan has several problems in ensuring the security of personal data. These include insufficient data protection laws, limited cybersecurity infrastructure, and insufficient awareness among the population of the importance of ensuring the security of personal data. To solve these problems, Uzbekistan can implement a number of solutions such as the development of comprehensive data protection laws and regulatory documents, the promotion of cybersecurity awareness and educational programs, and the development of cybersecurity infrastructure and capabilities.

Globalization has significantly increased the interconnectedness of information systems around the world, creating opportunities and challenges for personal data security. The interconnection of information systems ensures the continuous exchange of information across borders, facilitating communication, trade and cooperation on a global scale. However, this interdependence also means that personal information can be easily accessed, shared, and used by ill-wishers, posing a serious threat to the privacy and security of individuals.

One of the main opportunities that globalization offers is the possibility of using information and services from anywhere in the world. This has revolutionized the way we communicate, work and do business, allowing us to increase efficiency and productivity. However, this means that personal information is often stored and transmitted in several jurisdictions, making them vulnerable to capture and unauthorized access.

In addition, the growing dependence on digital technologies and online platforms has created new avenues for cybercriminals to use personal data for financial gain or for mercenary purposes. Cyberattacks such as data breaches, pay attacks, and phishing scams are more prevalent, emphasizing the need for robust cybersecurity measures to protect personal data.

In response to these problems, countries around the world are working to strengthen the laws and regulations on data protection. For example, the European Union General Data Protection Regulation (GDPR) sets strict standards for the collection, processing and storage of personal data and has been adopted as a model by many countries seeking to improve data protection regimes [1:B.63-78].

In general, while globalization has brought many benefits in terms of information sharing and its use, it has also created new challenges for personal data security. In an increasingly interconnected world, individuals, businesses and governments need to work together to develop and implement robust cyber security measures to protect personal data.

The current state of ensuring the security of personal data in Uzbekistan is characterized by several main problems that cause serious problems in ensuring the protection of confidential information of individuals. One of the main problems is the lack of full laws and regulations on data protection. Despite the fact that Uzbekistan has carried out an effort to develop legislation for the protection of information, the current laws are often inadequate and do not adequately provide for the protection of personal data. This creates gaps that can be used by cybercriminals to access personal information without permission.

Another important issue is the lack of public awareness of the importance of personal data security. Many individuals in Uzbekistan are unaware of the risks associated with online sharing of personal information or are unaware of advanced data protection practices. This lack of awareness makes them more vulnerable to cyber attacks and theft of personal information.

In addition, Uzbekistan faces problems with limited cyber security infrastructure. The country lacks the necessary resources and experience to effectively combat cyberspace and protect personal data. This leads to the fact that many organizations in Uzbekistan do not prioritize cybersecurity, do not invest in the necessary security measures.

In general, the current state of personal data security in Uzbekistan is characterized by insufficient data protection laws, lack of awareness of the population and limited cybersecurity infrastructure. Solving these problems requires joint efforts to develop and implement comprehensive data protection measures from the government, private sector and civil society, and to raise awareness of the importance of personal data security.

Globalization has exacerbated the problems Uzbekistan faces in ensuring the security of personal data. The growing interdependence of information systems around the world means that personal information can be easily accessed and transmitted through borders, which poses a serious threat to the privacy and security of individuals. One of the main problems is the impact of global data flow and cross-border data transmission on the security of personal data in Uzbekistan.

Global data flows often refer to the movement of data across national borders using the Internet and digital technologies. While this may provide wider access to data and services, it also raises concerns about personal data protection. For example, data stored on servers located in other countries may be subject to various privacy laws and regulations, which may lead to unauthorized access or misuse.

On the other hand, transboundary data transfer involves transferring personal data from one country to another. This can occur for various reasons, such as outsourcing data processing tasks to foreign-based Third-party service providers or sharing data with international partners. However, such transfers may pose a risk to personal data security, as data may be subject to various legislative frameworks and protection standards in the host country.

In Uzbekistan, these problems are especially evident due to the limited cyber security infrastructure in the country and insufficient data protection laws. This makes it difficult to ensure their safety when personal information is transmitted or accessed from outside the country. In addition, the global data flow and lack of public awareness of the risks associated with transboundary data transmission exacerbate these problems.

To solve these problems, Uzbekistan can implement a number of measures to strengthen the security of personal data in the context of globalization. For example, the government may work on strengthening data protection laws and regulations to meet international standards such as the GDPR. This will help ensure that personal information is protected no matter where it is stored or processed. In addition, Uzbekistan can improve the infrastructure and capabilities of cyber security in order to better protect personal data from cyber threats. This may include investing in cybersecurity training and resources for government agencies and private sector organizations, as well as developing partnerships with international cybersecurity organizations to share advanced experience and information.

In general, the solution of globalization problems requires a coordinated and active approach to ensuring the security of personal data in Uzbekistan. Uzbekistan can better protect personal information in a interconnected world by strengthening its data protection laws, improving cyber security infrastructure and taking measures to increase public awareness.

Several key solutions can be implemented to solve the problems faced in ensuring the security of personal data in Uzbekistan:

- implementation of regulatory measures: the development of comprehensive data protection laws and regulations helps to create specific guidelines for the collection, processing and storage of personal data. These rules should include data encryption, access control tools, and data corruption reporting requirements to improve data security;

- promoting cybersecurity awareness and education: educating the general public about cybersecurity risks and advanced practices is important for enhancing personal data security. Warning campaigns help people understand the importance of protecting their personal data and give them the knowledge they need to do it effectively;

- improving cybersecurity infrastructure and capabilities: increasing cybersecurity infrastructure and capabilities is critical to cybersecurity protection. This includes investing in advanced cybersecurity technologies such as attack detection systems and encryption tools, as well as training cybersecurity professionals to identify and respond to threats;

- cooperation issues to improve cybersecurity: collaborating with international partners and organizations will help improve cybersecurity infrastructure and capabilities. This collaboration may include sharing information about emerging threats, collaborating on cyber security research and developments, and coordinating cyber incident response measures;

- information sharing and cooperation: the creation of mechanisms for the exchange and cooperation of information on cyber security issues with international partners and organizations is important for the strengthening of cyber security. This includes sharing information about threats, collaborating on cybersecurity initiatives, and coordinating cyber incident response measures[8].

By implementing these solutions, Uzbekistan can strengthen the security of personal data and better protect the privacy of individuals in the interconnected world. These measures help reduce the risks associated with globalization and ensure that personal information is processed in a safe and responsible way.

One example of the successful implementation of personal data security measures is in the European Union (EU), specifically through the implementation of the General Data Protection Regulation (GDPR). The GDPR, which entered into force in 2018, established a high standard of data protection and privacy not only in the European Union, but also for countries dealing with the data of EU citizens around the World[2].

GDPR success can be attributed to several key factors:

comprehensive legal framework: GDPR provides a comprehensive legal framework for data protection by establishing specific guidelines for the collection, processing and storage of personal data. This clarity has helped organizations understand their obligations and implement appropriate measures to protect personal data;

strong enforcement mechanisms: GDPR includes strong enforcement mechanisms, such as large fines for non-compliance. This prompted organizations to take data protection seriously and invest in robust security measures;

Data Subject Rights: the GDPR gives individuals more control over their personal data, including access, correction, and deletion of their data. This allows individuals to control their privacy and makes organizations responsible for how they work with personal data;

awareness and education: GDPR has raised awareness of the importance of data protection and Privacy among organizations and individuals. This increased awareness led to increased transparency and accountability in data processing Practice [4].

international cooperation: the GDPR has also developed international cooperation on data protection issues, with many countries outside the EU adopting similar rules to adapt to GDPR standards.

The implementation of similar measures in Uzbekistan will help to increase the security of personal data and protect the privacy of individuals. By developing comprehensive data protection laws, establishing strong enforcement mechanisms, giving individuals greater control over their data, raising awareness on data protection issues, and promoting international cooperation, Uzbekistan can improve the data protection system and ensure the safety of personal data[3: B.110-115].

In conclusion, the article discussed problems and solutions related to ensuring the security of personal data in Uzbekistan in the context of globalization. The interconnection of information systems around the world has created opportunities and challenges for personal data security. Uzbekistan faces serious problems, including insufficient data protection laws, lack of population awareness, and limited cyber security infrastructure. However, by implementing regulatory measures, raising awareness of cybersecurity, improving cybersecurity infrastructure and developing international cooperation, Uzbekistan can increase personal data security.

In the context of globalization, ensuring the security of personal data in Uzbekistan is decisive. Personal data is increasingly shared, and they make it vulnerable to unauthorized access and improper use. Personal data protection is important not only for the privacy of individuals, but also for national security and economic stability.

To solve these problems, it is necessary for stakeholders, including the government, the private sector and civil society, to work cooperatively. Cooperation and cooperation are key to solving problems and implementing the solutions proposed in the article. By working together, Uzbekistan can improve its data protection system, protect the personal immunity of individuals and ensure the security of personal data in the interconnected world.

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