

**MINISTRY OF HIGHER EDUCATION, SCIENCE AND INNOVATION  
OF THE REPUBLIC OF UZBEKISTAN**

**TASHKENT STATE UNIVERSITY OF ECONOMICS**

**"DIGITAL ECONOMY AND INFORMATION TECHNOLOGY"**

**DEPARTMENT**

*As a manuscript*

**UDC: 6П2.15.7:338(575.1)**

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**DEVELOPMENT OF DATA STORAGE AND PROCESSING CENTERS  
BASED ON CLOUD COMPUTING**

**Written for an academic master's degree in the specialty  
70310106 - Information technology and systems in economics**

**DISSERTATION**

**Scientific supervisor:**

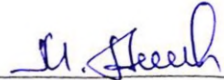
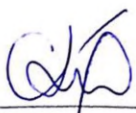

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**TASHKENT 2023**

The master's dissertation work received preliminary protection at the Department of Digital economics and information technology "Development of data storage and processing centers based on cloud computing".

№26 - number statement " 25 " 04 2023.

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Dissertation at the Faculty of digital economics 2023

" 30 " 05.23.

№ 26 listed by number.

## ABSTRACT

Today, the role of Abhorot technologies in the further development of the economy is very important. Including data storage, processing and transmission is an urgent problem. Therefore, during the study, we conducted a lot of research within the framework of this topic. A review of literature was also prepared, studying other research works on the topic, scientific articles, views of domestic and foreign scientists and regulatory documents on the topic. In order to increase the practical importance of scientific work, the possibilities of increasing data processing and storage centers in the regions of our country were studied, in particular, through methods of analysis based on statistical data on the state of work carried out by the “Ministry of digital technologies” and to what extent work with them is carried out. In the information technology era of the 21 century, the financing of IT communication projects is carried out at the expense of the state budget as well as various resources organized by investors. In general, the gradual transition to digital technologies, among developed countries, will lead to a greater acceleration of this economy. Alternatively, it causes a number of problems and disadvantages. For example: a mature professional in this field is a shortage of personnel and insufficient material maintenance. The purpose of the dissertation is to ensure security in the storage, processing and exchange of information of all citizens in general of legal entities and individuals, as well as to create several facilities. Based on the data studied and analyzed, scientific and practical based conclusions, proposals and recommendations were developed based on the motto that the economy will not develop if information technology does not develop.

*Keywords: Development of the economy, Information Technology, IT Communication, Digital Technology, Technical Support, Information storage.*

## ANNOTATSIYA

Bugungi kunda iqtisodiyotni yanada rivojlantirishda Axborot texnologiyalarining o'рни juda muhim. Shu jumladan ma'lumotlarni saqlash, qayta ishlash va uzatish dolzarb muammo hisoblanadi. Shu boisdan tadqiqot davomida ushbu mavzu doirasida ko'plab izlanishlar olib bordik. Shuningdek mavzuga doir bo'lgan boshqa tadqiqot ishlari, ilmiy maqolalar, mahalliy va xorijiy olimlarning qarashlari hamda mavzuga oid me'yoriy hujjatlarni o'rganigan holda adabiyotlar sharhi tayyorlandi. Ilmiy ishning amaliy ahamiyatini oshirish maqsadida mamlakatimiz hududlarida Ma'lumotlarni qayta ishlash va saqlash markazlarini oshirish imkoniyatlari, xususan "Raqamli texnologiyalar vazirligi" amalga oshirayotgan ishlar holati hamda ular bilan ishlash qay darajada amalga oshirilayotganligini statistik ma'lumotlar asosida tahlil usullari orqali o'rganildi. 21 asr Axborot texnologiyalari davrida IT kommunikatsion loyihalarni moliyalashtirish Davlat byudjeti hamda investorlar tomonidan tashkil etilgan har xil manbalar hisobidan amalga oshiriladi. Umuman olganda bosqichma-bosqich rivojlangan mamlakatlar qatori Raqamli texnologiyalarga o'tish bu iqtisodiyotning yanada jadallashuviga olib keladi. Shu bilan bir qatorda bir qancha muammo va kamchiliklarni keltirib chiqaradi. Masalan: Bu sohada yetuk mutaxassis kadrlarning yetishmovchiligi va moddiy texnik ta'minot yetarli darajada bo'lmasligidir. Dissertatsiyadan maqsad yuridik va jismoniy shaxslarning umuman olganda barcha fuqarolarning axborot saqlash, qayta ishlash va almashinuvida xavfsizlikni ta'minlash va bir qanch qulayliklar yaratishdan iborat. O'rganilgan va tahlil qilingan ma'lumotlar asosida Axborot texnologiyalari rivojlanmasa iqtisodiyot rivojlanmaydi shiori asosida ilmiy va amaliy asoslangan xulosa, taklif va tavsiyalar ishlab chiqildi.

Kalit so'zlar: *Iqtisodiyotni rivojlantirish, Axborot texnologiyalari, IT kommunikatsiya, Raqamli texnologiya, Texnik ta'minot, Axborotlarni saqlash.*



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## INTRODUCTION

President of the Republic of Uzbekistan Mirziyoyev Shavkat Miromonovich on April 14, 2022 at a meeting on the results in the field of Information Technology and the tasks of this year on discussions, today Information Technology has entered every aspect. The development of this sector has led to further development, with the emphasis on improved facilities for people. Therefore, in recent years, a lot of work has been done on improving infrastructure, training qualified specialists. The quality and scope of services has increased significantly. For example, the rate of mobile internet coverage of settlements was 30 percent in 2017, while today it is 96 percent. Or, in 2017, the volume of exports in the industry was only \$ 600 thousand, while last year the figure reached \$ 46 million, and in the first quarter of this year- \$ 16 million. More than 11 thousand young people are working in IT parks. Young people who have read in the framework of the one million programmers project are creating a solid foundation for the future of the industry. But there are still problems, there are also many opportunities that are not launched. In particular, the coverage and speed of fiber optic internet in the regions is not at the level of demand. Only 38% of the highways are covered by mobile internet. The state of development of the industry is not at once in the cross – section of the regions-90% of IT services fall on the city of Tashkent. In Karakalpakstan, Andijan and Surkhandarya, the indicators in this regard are very low. Some ministries and agencies have been using old, unreliable and non-integrated information systems. The meeting pointed out similar shortcomings and noted the need to accelerate digitalization in all sectors and regions. The development strategy sets the goal of transforming the digital economy into a “driver” sector, increasing IT services by 2.5 times and bringing exports to \$ 500 million. The head of our state stressed that for this it is necessary to turn Uzbekistan into a regional IT center. Instructions were given to regularly expand the scope of services, bringing the volume of exports in the industry to \$ 100 million by the end of this year. IT parks were tasked with attracting more companies, establishing remote services centers. Through this,