



Research Article

THE ROLE AND IMPORTANCE OF DIGITAL TECHNOLOGIES IN THE DEVELOPMENT OF ENTERPRISES

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Suyunov Dilmurod Kholmurodovich

Professor of the Higher School of Business and Entrepreneurship under the Ministry of Economic Development and Poverty Reduction of the Republic of Uzbekistan, Doctor of Economics, Uzbekistan

Tukhtamisheva Dilrabo Shermonovna

A graduate student of the Higher School of Business and Entrepreneurship under the Ministry of Economic Development and Poverty Reduction of the Republic of Uzbekistan

ABSTRACT

In this article, the importance of digital technologies in today's society is growing. Their widespread introduction and the development of the digital economy have become a serious issue for every country today, and the role of digital technologies in the development of firms is discussed.



KEYWORDS

Age of technology, digital economy, "Digital Uzbekistan - 2030", robotics, digital technologies, digital economy, artificial intelligence, production automation, "Five Initiatives" program.

INTRODUCTION

In the current pandemic situation, economic development is very difficult¹. We live in the 21st century, the age of technology. Today, the role of robots and automated systems in our lives is growing. All the "dirty work" that does not require the human factor is done by robots and systems controlled by artificial intelligence. We see this in manufacturing and services. PricewaterhouseCoopers and the University of Oxford predict that by 2030, robots will occupy 30% of jobs. This means that the unemployment rate, which is still high, will increase².

In the Address of the President to the Oliy Majlis, the active transition to the digital economy has been identified as one of the priorities for the next 5 years..

The digital economy, first and foremost, creates opportunities to work in a region free of corruption. It is the main neighbor of the "hidden economy". Because numbers seal everything, they store it in memory. Provides information quickly when needed. In such a situation, it is impossible not to conceal any information, to make secret agreements, not to give full information about this or that activity. As a result, legitimate economic resources are being squandered. In particular, the correct and timely calculation and payment of taxes, transparency of budget allocations, funds allocated to the social sphere, schools, hospitals, roads will be fully targeted. the ground is created. Therefore, it is reasonable to say that digital technology is the shortest path to development.

The main task is to implement the concept of "Digital Uzbekistan-2030", which covers all areas and sectors. The implementation of such a large project will contribute to the complete and comprehensive transformation of the economy of our country, to ensure competitiveness.

Another important task is to ensure the implementation of the resolution of the President "On measures to widely introduce digital technologies in Tashkent." The complex program "Digital Tashkent" approved in accordance with the resolution provides for a complete positive change in the image of the capital by involving information and communication technologies in education, health, transport and utilities.

Fulfillment of these tasks will have a significant impact on the socio-economic development of our country. Uzbekistan pays special attention to the widespread introduction of digital technologies in areas of great importance for development.

According to experts, in the next 3 years, 22% of the world's jobs will be created through the use of information technology through the digitalization of the economy.³

The necessary measures are being taken to further develop the software and information technology technology park. These include expanding the range of activities that can be introduced by the residents of the Technopark, the widespread establishment of digital education centers in the regions, the introduction of

¹Ortikniyozovich, F. U. (2021). The role of health in improving the living standards and welfare of the population. ACADEMICIA: An International Multidisciplinary Research Journal, 11(4), 401-405.

²Nematovich, K. A. (2020). Directions for improving the methodology for analyzing the efficiency of service

enterprises. European Journal of Molecular & Clinical Medicine, 7(3), 3228-3234.

³<http://cemc.uz/uz/page/2437/raqamli-tekhnologiyalar-iqtisodiy-yuksalishning-muhim-omili>



accelerating the process of training modern programmers. That's why the One Million Programmers project has been launched to fill the gap.

Currently, trainings are conducted through the training portal uzbekcoders.uz within the "One Million Programmers" project. It offers free video courses in the top four specialties, including data analysis, android applications, web applications, and software development, with Uzbek subtitles.

In order to involve the general public in the acquisition of digital knowledge and the study of new specialties in the field of information technology, our ministry is working to expand the participation of young people in the project "One Million Programmers".

Also, from the 2020/2021 academic year on the inclusion of topics in the programming areas under the project "One Million Programmers" in the programs of specialties and computer science of secondary schools in higher and secondary special education institutions work is underway.

In conclusion, the launch of such large-scale projects in the Year of Science, Enlightenment and Digital Economy will rapidly increase the role and place of digital technologies in our lives and their coverage throughout the country.

The system is constantly evolving, large-scale and complex projects are being implemented. At the same time, we still have important tasks to perform.

Today, both individual companies and entire countries have access to accumulated information resources that allow them to create high-tech goods and services from the traditional market system associated with the processing of growing resources using industrial technology and the industrial method of mass production of goods. based on the transition to the system. The most striking example of this is the transfer of production of goods and services by the largest corporations in Europe, the United States and Japan to countries that are lagging behind in their

scientific development. That is, in fact, the leading countries in their development sell the collected information to countries that do not have the necessary knowledge and experience, but have significant labor resources, on favorable terms for themselves.

Traditionally, competitive advantage has been ensured by a strategy based on the following factors: costs (ownership, use, training, technical support, etc.); time (production cycle, development, etc.); flexibility (changes according to customer requirements, additional features, equipment, etc.); quality (need for replacement, correction of defects, etc.); innovation (i.e., based on the use of innovation, scientific achievements and best practices in the field of technology, technology, labor organization or management, provides a qualitative increase in the efficiency of the production system or product quality).

Based on the above, we can say that information and information technology can be the basis for both individual enterprises and society as a whole, and their implementation and dissemination can provide many competitive advantages in various areas of human activity.

An information system of an enterprise can be called a system that shows the entry and exit points of information, its direction of flow and the relationship between them.

In today's economy, the processing and exchange of information can bring more benefits than the movement of goods from seller to buyer. The value of a company is increasingly determined not only by its material wealth (buildings, equipment), but also by intangible assets such as people, ideas, technologies, as well as the company's strategy of combining and using key information resources.

An important part of these data flows consists of procedures that can be easily automated, which opens



up a wide range of possibilities for the use of data transmission and processing.

The branch of information (computer) technology (IT, English information technologies) is engaged in creation, development and use of information systems⁴.

Today, the rapid penetration of modern information and communication technologies into the human lifestyle and consumer demand for the product, including easy and convenient access to complete information about the product, the ability to order from anywhere in the world, as a result of being able to change at will, to acquire quickly, etc., social relations have changed, leading to the creation of new management technologies and platforms of developing enterprises and societies in a competitive environment.

New technologies and platforms have led to large-scale reduction of transaction costs in enterprise management, consumers and all related activities, and have created closer links between the state and businesses. As a result, a digital economy based on network services has emerged. One of the main reasons for the expansion of the digital segment is the development of the transaction sector, which today accounts for 70% of GDP in developed countries.⁵.

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⁴ <https://prodat-dushu.ru/uz/informacionnye-tehnologii-na-predpriyatii-neobhodimost/>

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