



IN THE CONTEXT OF DIGITAL TECHNOLOGIES THE CONTENT AND ESSENCE OF MANAGING INDUSTRIAL ENTERPRISES

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Annotation

This article shows that in the modern period of economic development, the informatization of all spheres of human activity has become very relevant and important. It is emphasized that developing projects and programs aimed at abstracting human labour and replacing it with machine labour is the need of the day. It is shown that in order to achieve development, it is necessary and necessary for any country to introduce digital knowledge and modern information technologies.

Keywords: management methods, digital technologies, information and digitization, information technologies.

Today, as a result of an unstable political situation and intense competition, many industrial enterprises are in a crisis, which is exacerbated by the possibility of introducing external management or bankruptcy proceedings. The only way to prevent this is to objectively analyze the mistakes made, take into account their results, improve the existing organizational structure, improve the efficiency of management methods, and develop measures to improve the management ability of the enterprise. The implementation of measures to radically change the management of enterprises using modern management methods and leadership styles based on digital technologies is becoming the most urgent task of our time. Modern practice shows that one of the most important shortcomings of the work of industrial enterprises in modern market conditions is the imbalance between the enterprise management system and the resources available to it - production, material, financial and, most importantly, labour resources.

In the modern period of economic development, the issue of informatization of all spheres of human activity is very relevant and important. Projects and programs are being developed to abstract human labour and replace it with machine labour. In order for any country to achieve development, it is necessary and necessary to introduce digital knowledge and modern information technologies. This makes it possible to take the shortest path to growth and determines its main advantages in a digital economy (Fig. 1). At present, information technologies penetrate deeply into





all spheres of human life and activity. Digital technologies not only improve the quality of goods and services but also reduce unnecessary costs. At the same time, the country will play an important role in eradicating the scourge of corruption, which is the worst obstacle to development. The President of Uzbekistan Shavkat Mirziyoyev also paid great attention to this area and in his Address to the Oliy Majlis on January 21, 2020, several times touched upon the topic of the digital economy and defined the task of developing “the Digital Uzbekistan 2030 program”. [3].

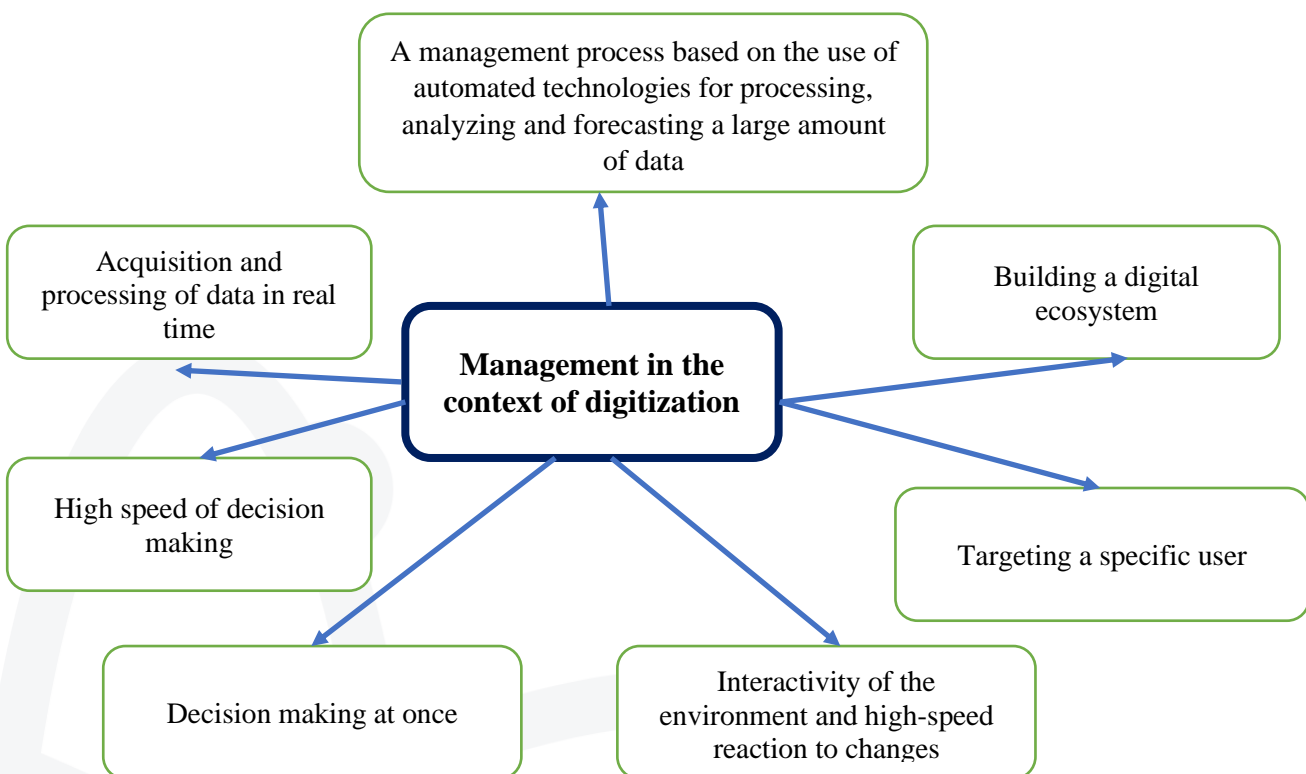


Figure 1. Scheme of management directions in digitalization conditions they touched on the digital economy several times and set the task of developing the "Digital Uzbekistan - 2030" program [3].

The term "digital economy" was first coined in 1995 by author Don Tapscott's *The Digital Economy: The Promise and Peril of an Intelligent Network Age* used in the book [4]. The process of information and digitization is deeply penetrating the economy. The industrial economy is playing an important role in setting telecommunications regulations, setting technical standards and supporting research and innovation, which in turn has helped to create a new sector of the innovation economy - the digital market.

Therefore, the modern digital revolution is mainly market and technology related to the news. Production activities and services are obtained through information



technology. This is the age of information became the age of information and digitization.

On January 28, 2022, the President of the Republic of Uzbekistan signed Decree UP-4947 on the Development Strategy of New Uzbekistan for 2022-2026. According to the decree, starting in 2022, Uzbekistan will gradually introduce the procedure for entering all mandatory requirements related to entrepreneurship into a single electronic register, as well as the task of revising the requirements for modern technologies and digital activities within the framework of increasing the competitiveness of the legal system and activating new drivers of the economy. Place the State program developed for the implementation of the development strategy defines the digital economy as follows:

"The main factor of digital economy production is digital data, processing large volumes and using the results of analysis, compared to traditional forms of management, can significantly increase the efficiency of various production, technologies, equipment, storage, sales, delivery of goods and services" [2].

The 25th goal of the development strategy is: "Turning the digital economy into the main "driver" sector and carrying out activities aimed at least 2.5 times its size." [1].

Broadband coverage of all settlements and social facilities and highways through further development of digital infrastructure. Increase the level of digitization of production and operational processes in the real sector of the economy and in the financial and banking sectors to 70% by the end of 2026. Also, the volume of the software industry should be increased 5 times, and their export should be increased 10 times to 500 million US dollars. [2]

Studying the development and prospects of the digital economy in the developed countries of the world also provides a lot of information about its advantages. For example, the US Department of Commerce is putting significant resources into solving business challenges and empowering businesses in the digital economy. He is also looking at Internet policy as a priority. Penny Pritzker (Secretary of Commerce until 2017) announced the Commerce Department's Digital Economy Agenda at the Techonomy conference in Half Moon Bay, focusing on four key opportunities:

1. Promotion of free and open Internet worldwide. Because the Internet is best suited for US businesses and workers, where information and services can flow seamlessly across borders;
2. Increase trust on the Internet. Because security and privacy are important to the development of e-commerce;
3. Ensuring access to fast broadband for workers, families and businesses is critical to economic success in the 21st century;





4. Encouraging innovation and promoting a new generation of new technologies through intellectual property regulations. [3]

The digital economy is formed on 3 levels, which in their close interaction affect the lives of citizens and society in general:

- markets and economic sectors (traditional areas of activity), where there is a direct interaction between specific sectors. Subjects (suppliers and consumers of goods, works and services);
- platforms and technologies for the development of markets and economic sectors (fields of activity);
- an environment that creates conditions for the development of platforms and technologies and effective cooperation between market entities and economic sectors and covers the regulatory legal framework, information infrastructure, personnel and information security.

Digitization of the economy, society and politics is the defining transformation of the 21st century. Digitization is the spread of general-purpose technology and it is changing everything.

The decision to use modern technologies in management affects the entire enterprise, and the risks associated with it should be taken into account. Getting the desired effect is possible only with careful planning and comprehensive study of promising technologies, their positive and negative aspects, as well as taking into account the specific features of enterprise management in the context of digitization. Flexible organizational structures can be created using digital information technologies.

Summarizing the above points, it can be said that the management of an industrial enterprise in the era of digitalization requires the head of the organization to have professional knowledge, skills and qualifications in the field of management, personnel management, and IT technologies. It is necessary to take into account the fact that the decision to use modern technologies in management affects the entire enterprise, and the risks associated with this should not be ignored. Achieving efficiency in management should be done only with careful planning and a comprehensive study of prospective technologies, and their positive and negative aspects. Also, in the conditions of digitization, it is necessary to take into account the specific features of enterprise management. It is possible to form flexible organizational structures using digital information technologies.





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