

THE ROLE OF INFORMATION SYSTEMS IN THE MILITARY

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Every day the introduction of information technologies into various spheres of our life becomes more popular and relevant. Among other things, the military sphere has not been spared from such a trend. The military information systems concept defines information technology as a set of documented methods, techniques and tools for processing information, including application software, and standardized procedures for their use.

In today's world, as a result of the globalization process, the traditional arms race has been replaced by the struggle for dominance and control of information in the information war. The growing importance of the globalization process in contemporary society is directly linked to the overall economic development of countries. The economic interests' ancient powers led to the creation of the Silk Road, an intercontinental maritime trade route. Initially, economic relations were limited by the quantity of goods and the time required for transport. With the development of communication systems and information technology, cross-border enterprises appeared.

Global economic interests are also taken into account in the management of military groups of armed forces regardless of their location.

Information systems are becoming an important tool for turning not only states but also potential adversaries into allies and friends.

Today, non-military information systems also create entirely new conditions and opportunities for improving the effectiveness of command and control of units and weapon groups. However, these conditions make the chain vulnerable to the stability of command and control systems, even under positive enemy influence.

Modern warfare involves many similar processes (surveillance, reconnaissance, navigation, etc.). At the same time, they are carried out in a very short time with the use of high-precision weapons. Thus, in-

formation technologies have encompassed both human resources, technologies and material objects, and become the main component of modern military strategy and tactics.

At the moment, information technologies are present in all armies of the world, including the Armed Forces of the Republic of Belarus. This has fundamentally changed the nature of warfare. Nowadays, to be able to handle weapons and equipment skillfully, one needs a higher technical education and excellent experience. With the help of these technologies, the armed forces of various countries use drones quite extensively for reconnaissance and missile and bombing attacks.

Intelligence, analysis, decision-making and communication with combat resources must be done in real time and with minimal delay. Massive concentrations of equipment and soldiers, traffic jams and complex logistics will be replaced by small mobile units equipped with advanced information technologies and capable of remotely controlling robotic firepower.

The military-industrial complex and advanced troop management systems are currently developing. Military science is also making an important contribution to this process. Research and development work is carried out, during which reasonable requirements for the prototype to be developed are determined. Analysis of modern experience has shown that successful military operations require comprehensive real-time information support for combat operations, which is no longer possible without modern information technologies. The consequence of inefficient information work today is the loss of personnel, weapons and equipment, which largely determines the success or defeat in war.

Thus, one of the most important directions for improving the combat capability of the Armed Forces is the informatisation of the military sphere and the introduction of information technologies. This causes drastic revolutionary transformations and leads to a change of priorities. Information technologies play a vital role in providing military security of any state. The role of these modern technologies in military sphere is constantly increasing with the development of globalization. Information systems have become a powerful means of influence on the enemy, as well as the state in order to transform it into an allied or friendly one. Belarus shows itself honorably on the world market of military information technologies.