VIRTUAL EDUCATIONAL AND INFORMATION SPACE IN THE SYSTEM OF HIGHER MILITARY EDUCATION

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The transformation of the higher education system of the state in accordance with the requirements of today and European standards requires new approaches, both in the construction of the educational process and in the provision of educational material and the organization of access to it. An important place is given to the use of modern information and communication technologies and the development of an interactive educational and informational space [1].

The modern world is rapidly moving towards the era of the information society and the "knowledge society", in which the mastery of information and computer technologies becomes the leading trend of modernity and the main competence requirement for every person, including military.

At the level of society and the state, this turns into the task of comprehensive informatization of education systems and institutions, total computerization of the educational process and integration with the national and worldwide Internet network. Digitization and informatization strategies are becoming important components of educational activity strategies of higher education institutions.

An important characteristic of the modern information environment is its interactive "targeted" character. This is manifested in the fact that modern information and communication technologies provide the opportunity for individualization and personalization of the education system [2]. A student, in accordance with his own inclinations and abilities, can independently choose a certain case of educational disciplines, choose a place and a teacher to study this material. Under such conditions, access to education in leading educational institutions significantly expands and the quality of educational services increases significantly.

The COVID-19 pandemic and the active combat phase of the Russian-Ukrainian war led to significant changes in the educational sphere thanks to the active spread of information technologies and the widespread use of electronic learning technologies. Previously, access to the Internet was perceived mostly as a source of resources for learning (electronic library). Currently, new possibilities for its use as an important learning tool in the system of distance and mixed education have been discovered and confirmed.

The mentioned aspects are also relevant for the functioning of the military education system.

Based on the features and specifics of the training of military specialists, it is possible to identify several promising tools for digitalization and informatization of the military education system on the way to building a modern virtual educational and informational space [3].

First of all, this is *Lifelong Learning* (LLL), which is currently fixed at the level of strategic documents in the field of military education and is connected with the formation of the system of professional military education. Ensuring the implementation of the principle of "Education throughout the entire military career" is a defining trend in the functioning of the military education system and personnel management at the current stage.

The next effective case for the military education system is *Computer Based Training*. Computer support for education involves the wide use of information networks, computer and communication equipment, and software. Simulation modeling and computer training systems are widely

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used in military education institutions. The development of *Computer Based Training* is one of the key priorities of the transformation of the military education system for the entire security and defense sector.

The further development of *Long-Distance Online Learning* (D-learning) is necessary and promising for the training of military specialists, in particular, in terms of the functioning of the system of professional development and professional development. This is a proven approach for the military education system. The use of D-learning technologies in the educational process of institutions of higher military education helps to reveal the pedagogical potential and increase the pedagogical skill of the teaching staff, opens up wide opportunities for structuring the educational material provided to students of higher education. However, the optimization and structuring of existing educational resources with the creation of a single platform by analogy with Prometheus is relevant. This will make it possible to meet the needs of the security and defense sector in the training of personnel in many areas.

The development of the necessary digital infrastructure of military educational institutions is inextricably linked to the creation of a single information space for the network of military educational institutions.

Global Military Education Net based on the Central Repository of Distance Learning Resources of the Armed Forces of Ukraine can be considered as a variant of the virtual educational and informational and educational and scientific space. The creation of a single network for educational institutions of the security and defense sector will significantly expand the possibilities of their educational and scientific activities. The opportunity to implement educational projects and programs, the development of information and communication technologies, the distribution of informational, analytical, methodical, scientific publications, exchange of experience, etc. will be significantly expanded.

The use of these tools in the system of military education is undoubtedly necessary and aimed at improving the system of education and training of military specialists. However, for this, it is necessary to overcome certain limitations, in particular, related to the provision of equipment with teaching aids, their maintenance and support.

Effective approaches to overcoming existing limitations and building a virtual educational and informational space are to ensure the necessary level of informational and communicative competence of participants in the educational process, as well as the development of the digital infrastructure of higher education institutions and the maintenance of personnel for its maintenance.

Thus, an effective way to transform the educational process of training specialists in many specialties (educational programs) is connected with the implementation and use of a virtual educational and informational space for the implementation and support of the educational process. This will ensure the flexibility of the training process and allow optimizing all available resources for effective learning of educational materials.

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