

**DEVELOPMENT OF THE ARMED FORCES IN  
THE REPUBLIC OF BELARUS**

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The rapidly changing world of scientific research and engineering solutions has had a significant impact on the structure of the armed forces. Let's start with antiquity: already in ancient times, technology played a key role in military operations. In the Middle Ages, firearms had a significant impact on military technology. Cannon guns and harquebuses began to replace traditional bows and crossbows, which changed the methods of combat. In addition, the development of navigation technologies and naval shipbuilding gave rise to the era of great geographical discoveries and colonial wars. The industrial revolution began in the 18th century, which radically changed military technology. The advent of iron and armored ships, as well as more effective small arms such as rifles with a rifled barrel, significantly increases the range and accuracy of fire. The use of telegraphy and the first wireless technologies in the military opens up new horizons in the field of communications and command.

The 20th century became the era of scientific discoveries, when technologies began to be introduced into the army at an increasing rate. The First and Second World Wars greatly influenced the technological process. Tanks, planes and submarines have become the main tools for conducting various kinds of military operations. Also, at this time there was a significant development of radio communications and the use of chemicals in war conditions. The Cold War led to further technological advances, particularly in the fields of nuclear technology, missile weapons, and military aviation. The advent of satellite communications and encryption opens up new opportunities for global monitoring and management of the armed forces. Thus, a historical overview of technology in the armed forces demonstrates how over the centuries new developments

have changed the principles of warfare and strategies, emphasizing the continuity of paradigm shifts in response to the challenges of the times.

Military technologies represent a dynamic and multifaceted area, they provide the opportunity to receive information in real time and minimize the risks to the lives of military personnel. In addition, artificial intelligence (AI) technologies are increasingly being used for data analysis, scenario development, and logistics optimization. The next significant trend is the integration of cybersecurity systems into military structures. Given the growing reliance on digital technology, the protection of military networks and data is becoming a priority. It is also worth noting the development of automated and robotic systems. Tactical robots that can perform patrol, mine clearance, or direct combat operations significantly expand the capabilities of the military. This allows you to lead people away from dangerous areas and conduct combat operations with minimal losses.

Virtual and augmented reality technologies are also used in education and training. These changes are not only changing the face of modern armies, but also anticipating the future of military conflicts and strategic planning. The future of technology development in the Belarussian Army is expected to be a multifaceted and dynamic process that will affect all aspects of military affairs. Simultaneously with the development of cyber threats, it will be necessary to create reliable systems to protect national interests in cyberspace.

Much attention will also be paid to improving the means of communication and data exchange. The development of secure high-speed networks that allow information exchange between different departments and commands will be one of the priorities. This connection will make it possible to effectively coordinate actions in conditions of active hostilities.

In addition, there is expected to be an increase in interest in exoskeletons and other adaptive technologies that can significantly enhance the physical capabilities of soldiers. This will make it possible to effectively perform tasks in difficult conditions, expanding the capabilities of army units. In conclusion, the future of technology development in the army promises to be enriched with innovations that will not only change tactical approaches and combat strategy, but also redefine the very essence of military service, enhancing its potential and adaptability to the challenges of the 21st century.