THE USE OF ARTIFICIAL INTELLIGENCE FOR MILITARY PURPOSES: PROBLEMS OF THEORIZATION AND LEGAL REGULATION

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Artificial intelligence in the military field offers several potential benefits. One major advantage is its ability to process and analyze vast amounts of data quickly and accurately. This can help military personnel make informed decisions and devise effective strategies. AI systems can also automate certain tasks, freeing up human resources for more complex and critical operations. Additionally, AI can be used in areas such as surveillance, reconnaissance, and targeting, enhancing the military's situational awareness and precision. However, the integration of AI in the military also presents challenges and risks. One key challenge is ensuring the reliability and security of AI systems.

The monograph «A New Fire: War, Peace and Democracy in the Age of Artificial Intelligence» (2022), authored by Ben Buchanan and Andrew Imrie, has become a striking example of this interest [1]. In the paper, the authors state that autonomous weapons controlled by artificial intelligence, are becoming increasingly more accurate, efficient and dangerous compared to weapons, controlled by people, and they are targeting this future of war. This opinion is also supported by other scientists and experts. Russell described a scenario where a small autonomous quadcopter could be equipped with an explosive device capable of destroying a city's infrastructure and killing all males be-tween the ages of 16 and 60, or all Jewish citizens in Israel.

Autonomous weapons will become more accurate, faster and deadlier.

It is important to note some points:

1. Ethical issues: The use of autonomous combat systems based on AI raises issues of responsibility for the actions of such systems. Who is

responsible for mistakes or harm? How to ensure that the actions of autonomous systems comply with international norms and laws of warfare?

2.   Data Security: The use of AI for military purposes requires protection from cyber-attacks and preventing the possibility of hacking or manipulation of data, which could lead to unpredictable consequences on the battlefield.

3.   Invention of fresh threats: With the advancements in AI technology, there are new threats that involve using AI to build cyber weapons, manipulate information, and launch attacks.

4.   Disadvantages and errors of AI: Despite the high accuracy and speed of data analysis, AI is still prone to errors and shortcomings. Incorrect interpretation of data or insufficient training of the system can lead to incorrect decisions.

5.   Regulation and control: It is important to develop international standards and rules for the use of AI, for military purposes to ensure, transparency, accountability and control over its use.

The use of artificial intelligence in military operations is a complex issue that requires comprehensive and in-depth analysis. The goal is to get maximum benefit from this technology while minimizing any possible risks.

Therefore, our task is to develop artificial intelligence, taking into account ethical, legal and security principles, to ensure the safety and effectiveness of its participation in military activities.

The use of Artificial Intelligence in military affairs, brings new opportunities and challenges on the path to victory.

So, we can see that the world is on the threshold of a new era of warfare. We consider that artificial intelligence is extremely important for the military because it can greatly simplify the execution of many tasks. Some dangerous tasks that are usually performed by live soldiers can be assigned to robots.

It is important to develop these technologies ethically. It is important to adhere to strict regulations and guidelines for the use of autonomous systems.

References
1. Artificial Intelligence in War. [Electronic resource] – Mode of access : https:// zavtra.ru/ blogs/iskusstvennij _intellekt _na _vojneysclid=lu9mfw19lw892780297/. – Date of access: 25.03.2024.