

Summary of doctoral dissertation on
Management of the executive potential of logistics of the Armed Forces of the Republic
of Poland a determinant of the logistical security of military units and institutions

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Logistics plays a key role in the functioning of the Armed Forces of the Republic of Poland, being closely linked to national security and defense capabilities. In the face of contemporary challenges, such as the war in Ukraine and hybrid threats, the effective management of the executive potential of logistics is becoming increasingly important. Poland's membership in NATO and the process of modernizing the armed forces, which includes not only the acquisition of modern equipment, but also the optimization of logistics processes, provide the foundation for maintaining combat readiness. As part of this system, logistics provides resupplying, maintenance of military equipment, providing for infrastructure and transportation needs and logistics services, as well as medical security from a logistics perspective, which enables the execution of tasks both domestically and internationally.

The first chapter of the dissertation discusses the choice of topic and research methodology, considering the objectives, hypotheses and research methods. The second chapter focuses on the key functions of logistics management, such as planning, organizing, motivating and controlling, which affect the efficiency of logistics operations. The third chapter examines procedures, organizational structures and information systems that support logistics management in the Polish Armed Forces. The next chapter highlights the importance of precise qualitative and quantitative expectations in logistics management, which enables effective planning and execution. The fifth chapter assesses key aspects of the logistics management process, pointing out challenges and opportunities for improvement. The last chapter discusses directions for improving the management of logistics execution capabilities, including the need to modify structures, flexibility of procedures, development of personnel and implementation of modern technologies.

The study confirmed the need to improve the process of managing logistics executive capacity, pointing to key areas such as unification of organizational structures, flexibility of procedures and professionalization of leaders. The implementation of modern technologies, including advanced information systems, significantly increases the efficiency of logistics resource and operations management, which is essential for rapid response to changing operational conditions. Interoperability and standardization of logistics in the context of modern international operations strengthen cooperation within the framework of alliances, and effective logistics management is becoming a pillar of logistics security of military units and institutions.