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THE IMPACT OF DIGITALIZATION ON THE TRANSFORMATION OF THE STATE'S ECONOMIC SECURITY SYSTEM

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Abstract. *This article examines the impact of digitalization on the transformation of a state's economic security system. It assesses the risks and benefits of digitalization at the micro-, meso-, and macro-levels. A four-block system of indicators for evaluating digital transformation is proposed. The growing role of cyber resilience and digitalization under martial law is demonstrated, and practical recommendations for implementation at the government level are proposed.*

Keywords: *national economic security, digitalization, digital transformation, security indicators, digital transformation indicators, digital resilience.*

Abstract. The article examines the impact of digitalization on the transformation of the national economic security system under conditions of rapid technological change, geopolitical instability, and martial law. The relevance of the study is determined by the growing dependence of economic stability on the resilience of digital infrastructure, cybersecurity, data protection, and the effectiveness of digital public administration. The study aims to identify the key indicators of the impact of digitalization on the transformation of the state's economic security system and to develop practical approaches to their application in public administration.

The article analyzes the positive effects and risks of digitalization at the micro-, meso-, and macroeconomic levels. At the micro level, digital technologies contribute to the optimization of operational and transaction costs, automation of business processes, expansion of markets, and productivity growth, while simultaneously increasing risks related to data leakage, cyberattacks, unreliable software, and dependence on stable communication and energy infrastructure. At the meso level, digitalization promotes the development of regional IT clusters, digital public services, and greater transparency of public expenditures, but may also deepen the digital divide between urban, rural, and frontline communities. At the macro level, digitalization supports economic formalization, more efficient tax and customs administration, automation of public functions, and the development of the IT sector, while creating risks associated with technological dependence and cyber threats to critical infrastructure.

Based on the analysis of international approaches and existing scientific research, the

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authors substantiate a four-block system of indicators for assessing the digital transformation of economic security. The proposed system includes technological security and cybersecurity; automation and efficiency of public control; development of public services and professional competencies; and overall economic and financial resilience. The study emphasizes the importance of integrating these indicators into a unified monitoring system and applying an integral index based on standardized data and weighting coefficients.

Particular attention is paid to Ukraine's cybersecurity resilience. The analysis of the Global Cybersecurity Index and National Cybersecurity Index demonstrates progress in the development of national cybersecurity capabilities, while also revealing gaps in the institutionalization of quantitative and qualitative cybersecurity metrics. The study argues that digitalization should be considered not merely as technological modernization but as a component of proactive economic resilience and adaptive risk management.

The authors propose practical measures aimed at improving Ukraine's economic security assessment system, including the introduction of a separate digital resilience component into official methodologies, the creation of an automated indicator dashboard, flexible adjustment of indicator weights during crisis periods, and systematic monitoring of investment in digital security and digital literacy. The implementation of these measures is expected to facilitate real-time monitoring, accelerate managerial decision-making, strengthen cybersecurity resilience, and improve the alignment of Ukraine's economic security system with European standards.

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