

## INFORMATION AND COMMUNICATION TECHNOLOGIES AS A FACTOR OF INCREASING FINANCIAL TRANSPARENCY AND CONTROL

**SYTNYK Volodymyr**

*Senior Lecturer of the Department of Digital Economy and Business Analytics*

*Ivan Franko National University of Lviv*

*ORCID ID: <https://orcid.org/0009-0007-3768-7079>*

**Abstract.** *The article examines the role of information and communication technologies as a key factor in improving financial transparency, financial control efficiency, and financial security. It analyzes the main areas of application of digital tools in financial monitoring and detection of violations in financial and economic activities. The importance of automation and digitization of financial processes for the formation of financial systems, as well as their compliance with international standards of financial control and anti-corruption approaches, is substantiated. It is determined that the introduction of ICT contributes to the transformation of financial control, which increases the effectiveness of public finance use and strengthens public confidence in financial institutions.*

**Keywords:** *information and communication technologies, financial transparency, financial control, public finances, financial security, digitalization.*

The rapid development of information and communication technologies (ICT) has become a key driver of transformation in financial systems, significantly influencing the level of financial transparency and the effectiveness of control mechanisms. The purpose of this study is to examine the role of ICT in enhancing transparency, accountability, and oversight in both public and private financial sectors. Digital tools such as electronic reporting systems, automated accounting platforms, big data analytics, blockchain technologies, and e-government solutions contribute to reducing information asymmetry, minimizing corruption risks, and improving the accuracy and timeliness of financial information.

The study analyzes how the implementation of ICT facilitates real-time monitoring of financial flows, strengthens internal and external audit procedures, and improves compliance with regulatory requirements. Special attention is paid to the impact of digitalization on public finance management, including budget transparency, public procurement systems, and tax administration. ICT-driven solutions enable greater public access to financial data, thereby increasing trust in financial institutions and government bodies.

At the same time, the paper highlights existing challenges related to the use of ICT in financial control, such as cybersecurity threats, data protection issues, unequal access to digital technologies, and the need for appropriate institutional and legal frameworks. The effectiveness of ICT as a tool for financial transparency largely depends on the level of digital literacy, the quality of governance, and the integration of technological innovations into existing financial management systems.

The findings of the study suggest that ICT plays a crucial role in modernizing financial control mechanisms and promoting transparency. The continued development and strategic implementation of digital technologies can significantly enhance financial discipline, improve decision-making processes, and support sustainable economic development.

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