

# **PECULIARITIES OF ORGANIZING INFORMATION SECURITY OF THE CONTEMPORARY INFORMATION SYSTEM AND ITS ECONOMIC EXPEDIENCY**

**Kostiuchenko V.V.**

Master,

Kyiv National University of Technology and Design

**Shykovets K.O.**

Senior Lecturer at Department of Economic Cybernetics  
and Marketing,

Kyiv National University of Technology and Design

The article explores and classifies the sources of threats in the process of using information resources, suggests ways to preserve the value of information resources, and assesses the economic effectiveness of costs for information security. The growing influence of threats to the information security of the modern information system is considered and methods for its effective protection are proposed. And also generalized the main stages of building the information security policy; subsystems of effective information protection are allocated; recommendations on designing the information security policy are developed.

The relevance of the topic is determined by the fact that the scientific analysis of the current scientific and legal framework of Ukraine and the whole world proves that the concept of national security (in its content)

is still uncertain. Current research of information security has a wide range of areas within both technical and socio-humanitarian, legal sciences in particular. This makes special demands on the formation of methodological foundations of research, which should ensure the development of a coherent area of knowledge about information security, integrity, and objectivity of its content, facilitate implementation of the principles of science and professionalism in the practice component of information security, and bring it to optimality.

The modern organization should be able to build information security policy properly, meant to develop and implement a set of preventive measures to protect sensitive data and information processes effectively. This policy provides requirements for the staff, managers, and technical services.