

УДК 351

## INFORMATION SECURITY AS AN INTEGRAL PART OF TODAY

**Olha A. Haborets**

PhD in Pedagogical Sciences,  
Associate Professor of the Department of  
Operational-search Activities and  
Information Security  
Donetsk State University of Internal Affairs,  
Kropyvnytskyi, Ukraine,  
ORCID ID 0000-0001-7791-6795

**Olha M. Lunhol**

PhD in Pedagogical Sciences,  
Associate Professor of the Department of  
Operational-search Activities and  
Information Security  
Donetsk State University of Internal Affairs,  
Kropyvnytskyi, Ukraine,  
ORCID ID 0000-0001-8128-0072

Information in today's world plays an extremely important role, because society actually consists of various information, and its possession in individual cases can affect various processes of both local and national significance. Information and possession of it are serious factors in the system of combating and preventing crime, because their availability and reliability are directly related to the achievement of a positive result. In the conditions of global information, there is also the need to carry out analytical operations, since the information provided may not be reliable or objective, and precisely because of this it needs comparison with other facts, other sources, etc.

Information security means security of information and supporting infrastructure from accidental or intentional impacts of a natural or artificial nature that can cause unacceptable damage subjects of information relations, including owners and users information and supporting infrastructure.

Information protection is a set of measures aimed at ensuring information security. Analyzing approaches to the problems of information security, it is necessary to start with identifying the subjects of information relations and interests of these subjects related to the use of information systems (IS). Information security threats are associated with the use of information technologies.

Information security depends on the entire complex of measures and modern ones technologies, which are controlled using various information systems.

When analyzing issues related to information security, it is necessary to take into account the specifics of this aspect of security, which consists in that information security is an integral part of information technologies -an area that is developing at an unprecedentedly high rate. It is not so much individual solutions that are important here (laws, training courses, software and technical products), which are at the modern level, how many mechanisms for generating new solutions, that allow us to live at the pace of technological progress.

The complexity of the mechanisms of making modern management decisions regarding information protection in the new information environment is connected with the use of rapidly developing information systems designed for a large amount of processing, exchange and use of them in the modern life of everyone individuals, enterprises, the state, the world, as well as the rapid pace of development technical means