

## **Annotation**

The diploma project is devoted to the design and implementation of combined protection of confidential data.

The project conducted a comparative analysis of cryptographic and steganographic methods of encryption, their advantages and disadvantages are considered. In the designed and implemented program there are modules for converting text by the Vernam cipher and hiding it in a graphic container file. Implemented testing of the software product.

The economic justification of the costs of the developed software has been completed, and the calculation of measures for the safety of vital activity is also presented.