

ABSTRACT

Protecting information is a major requirement in the era of information disclosure as it is today. Multimedia content in various forms such as text, images, audio, and video is very easy to spread. Therefore, we need a data security system that can protect messages that are private and confidential so that they reach the people who are entitled to receive the message. One of the things that can be done to overcome this situation is to develop an application that is able to hide the message on a media that can be accessed by everyone. This technique is called Steganography. Steganography is the study of techniques for developing secret messages in other messages, in such a way that other people will not know that there is a secret message. Media that is often a place for hiding messages in Steganography are text, images, sound, and video. The Steganography application is designed with three processes, namely adding a message to the cover image called encode image, the process of displaying the image is called a stego key and displaying a secret message called decoding image.

Keywords: Steganography, ICO, PNG, file