

Steganography : Covering the Uncovered

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Abstract

Steganography serves as a powerful aid of representing information in a form where it cannot be discovered that the data is actually present. While cryptography uses encryption technique, it is easily detectable that the information has been transformed. However, in Steganography it is hard to detect with open eyes that the information is actually hidden. While cryptography takes a form, where it is easily deciphered that information has been hidden. Steganography goes a step further and conceals the fact that any process of this kind is taking place. A steganography serves as an efficient technique of embedding information in any form of data such as (audio,text,image and video). It also to an extent prevents intrusion in the communication taking place which is a common practice in cryptography. The main emphasis in this paper has been laid in hiding text in an image by using the LSB (Least Significant Bit) Method of Image Substitution.