

Embedded Data Encryption in Image Using eXtended Tiny Encryption Algorithm

Khin Hnin Nge, Khin Kyu Kyu

Computer University (Patheingyi)

loveruby.nge@gmail.com, khinkyu28@gmail.com

Abstract

This paper is represented for information security by using cryptography on important message and image steganography method on digital image. The secure system is implemented by combining for the encrypted message and digital image. Cryptography is the method for securing secret message. Steganography is the art of hiding information in other information media when communication is take place. Many different file formats can be use, but digital images are more popular usages. We propose the system is to encrypt and encode the message with an image, and the extract and decrypt this message from the image. The result image is not different as in original image and the message is not damage. So, the intruders can't know the messages embedded in the image until they get that image.