Abstract

Steganography plays a very imperative role in secret communication. Many possible techniques are used to embed confidential information in digital images, the least significant bit (LSB) technique has very widely used. In this paper the proposed technique, a new steganography technique is being developed to hide data in image using pixel based algorithm. Also, to make the algorithm more undetectable data is divided into segments and image into blocks and a data segment is embedded into an image block where it effects. The least image quality. The experimental results prove that the quality of stego image using the proposed algorithm. For the verification of the results, peak signal-to noise (PSNR) and mean square error (MSE) are calculated.

References


**Index Terms**

Computer Science    Security

**Keywords**

LSB; stego image; secret image; Arnold’s transformation; identical bits