Abstract

Security is the most challenging aspects in the World Wide Web. In present time information sharing and transfer has increased exponentially. So to find out best solution this is providing necessary protection of our data against malicious attacks from intruders. Cryptography and Steganography are the two major techniques for secret communication. Cryptography converts information from its original form (plaintext) into unreadable form (cipher text); where as in steganography the secret message is hidden into the cover medium. There are many different techniques are available for cryptography and stagnography. In this paper two techniques BLOWFISH algorithm for cryptography and LSB approach for stagnography are used. First encryption of data is done by using BLOWFISH algorithm which is one of the most powerful techniques and then hide encrypted message using LSB approach. Our proposed model gives two layers of security for secret data.
Information Hiding using Least Significant Bit Steganography and Blowfish Algorithm


Index Terms

Computer Science

Image Processing
Keywords

Cryptography  Stenography  LSB  BLOWFISH  Encryption  Decryption