Abstract

An Image Encryption and Decryption Using AES (Advance Encryption Standard) Algorithm is proposed in this paper. Due to increasing use of image in various field, it is very important to protect the confidential image data from unauthorized access. The design uses the iterative approach with block size of 128 bit and key size of 256 bit. The numbers of round for key size of 256 bits is 14. As secret key increases the security as well as complexity of the cryptography algorithms. This paper presents a algorithm in which the image is an input to AES Encryption to get the encrypted image and the encrypted image is the input to AES Decryption to get the original image.
References


Index Terms

Computer Science Security

Keywords

Aes Algorithm Image Encryption Image Decryption