Abstract: Image encryption plays an important role in the field of information security. Most of the image encryption techniques have some security. The security of digital images attracts much attention recently, and many image encryption methods have been proposed. CAS2000, a new chaotic encryption scheme proposed in 17, 18. Here, recent researches of image encryption algorithms have been increasingly based on chaos-based image encryption scheme. In Section 5, security of the chaotic encryption algorithm is discussed. The proposed method breaks the correlation. The encrypted image is secure from any brute-force attack, statistical attack. Data Encryption is one of the widely used techniques for securing image data by double encryption. The proposed method encrypts the images to make images more secure. This paper presents a survey of over 25 research papers dealing with image encryption techniques and their applications. The algorithm uses different techniques for image encryption and we also give general introduction about cryptography, which is used for image encryption and decryption. Encryption scheme AES is suitable for image encryption, and decryption with is. The following security problems: 1 the schemes are not sensitive to the changes of encrypted image. In 5, an image encryption scheme based on 3D chaotic cat maps was proposed. In this paper, we propose a new image encryption algorithm based on logistic map. To secure the images and multimedia application special methods and tools are used. In this paper, we propose a new encryption algorithm by analyzing the principle of the chaos encryption algorithm based on logistic map.