Abstract

Transferring a secret information through the computer network, conducted to take less time and also connect the individual in the different place. This matter generate the security problem because information delivered through the public network.

A solution to conduct the information security is by doing steganografi. In this Final Project, will be discussing steganografi inserted to text file by using whitepsace. Before an information inserted, it will be encrypt by rijndael and compress use huffman algorithm

Analysis will be conducted with observe how every process work. At encryption process, will be analysed by testing its level to random bits of data and also measure output size yielded. At compression process, will be testing by use appropriate compression ratio. At steganography process will be analysed by observe its result file and comparing the result file with the original file before steganography.

Based on testing, steganography make change to carrier file from its structure. At compression process , it will be effective if conducted by a correct ratio to a message which has few bit add in it. Encryption process use rijndael algorithm, owning good storey to random bits data. One bit difference of input, can yield random conditions at overall bits.

Keywords : *text file, steganography, encryption, text compression, whitespace, rijndael-128 bit, probability Huffman.*