

ABSTRACT

One of hot problem when send message is security. Many unauthenticated people use many technique and method to trying to stole information. With the development of science and technology, now have many technique what we can use from past until now, such as cryptography and steganography. Steganography is a science which can use to security of data, so people can't know that's data. LSB (Least Significant Bit) is one algorithm from steganography. LSB algorithm can insert messages to many cover, such as picture, sound, and text. Method which using by LSB algorithm is manipulated last bit. One of cover which we can use is WAV audio.

This software made to secure data text to audio WAV using LSB algorithm, and using PRNG (Pseudo Random Number Generator) as randomization method, to make harder . This software build using Waterfall Model of software development.

This result of development this software has been able to insert and disclosure message in the form of text into a WAV audio using LSB-PRNG algorithm.

Keyword :

Steganography, LSB, PRNG, WAV