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A PROJECT REPORT

On

"STEGANDROID – AN ANDROID APPLICATION ON STEGANOGRAPHY"

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ABSTRACT

In today's world the art of sending & displaying the hidden information especially in public places, has received more attention and faced many challenges. Therefore, different methods have been proposed so far for hiding information in different cover media.

It is well known that encryption provides secure channels for communicating entities. However, due to lack of covertness on these channels, an eavesdropper can identify encrypted streams through statistical tests and capture them for further cryptanalysis. Hence a special form of security measure was introduced known as 'Steganography'. Steganography hides the existence of a secret message and in the best case nobody can see that both parties are communicating in secret. This makes steganography suitable for some tasks for which encryption aren't, such as copyright marking.

In this document we propose a steganographic android application to hide information in bmp images which can be transmitted from one android supported device to another device of the similar criterion. This method of steganography can be termed as image steganography. LSB modification technique is used here for hiding the secret information.