

A SECURED STREAMING APPLICATION PROTOTYPE USING STEGANOGRAPHY

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ABSTRACT

This project aims on steganography. In simple, steganography is a way to hide messages in a common medium without detected and noticed by enemies or attackers. The field in steganography is vast as it no longer new in the information technology field. The main objective of this project is to carry out research on steganography, the concept and implementation. A lot of researchers tried to implement the concept of steganography in text, pictures and audio files except video files. Hence, the author picked up the challenge to try implementing the concept into a video file. In order to prove the theory, the author only choose AVI file for research and implementation in the proposed system. Research on various ways of implementation, algorithms and programming structure has to be carried out and understood before designing the structure of the proposed system. Generally the system will allow user to actually type a text message in the column provided and to embed the message into a video (AVI) file of their choice. This system will be implemented using the appropriate type of programming language in order to maximize the flexibility and the quality of it.