

ABSTRACT

The research aimed at understanding the process of data security through applying Diffie-Hellman cryptographic method, vigenere cipher cryptographic method, and end of file steganografi method toward media data folder from the result of the cryptographic. During the application, there were several steps to be conducted such as, it is preceded by key making through applying Diffie-Hellman algorithm which is then used to precess encryption and decryption data through applying vigenere cipher algorithm. The result of encryption is hidden into picture through applying end of file steganografi. Data can be extracted again through applying end of file steganografi, so it can produce encrypted data. Encrypted data is proceeded to decryption process and it directs us to produce the real data. The research output are data that have been encrypted and picture having been inserted by the encrypted data.

Keyword : *Private data, Diffie-Hellman Cryptographic, Vigenere Cipher Cryptographic, And End of File Steganografi.*