IMPLEMENTATION OF AES (ADVANCED ENCRYPTION STANDARD) CRYPTOGRAPHY ALGORITHM IN SECURING DOCUMENT FILES

(Case Study: UD Tani Mudo Manissrenggo)

AHMAD ABDHILAH
Informatics Study Program, Faculty of Science & Technology
University of Technology Yogyakarta
Jl. Ringroad Utara Jombor Sleman Yogyakarta
E-mail : ahmadabdilah10@gmail.com

ABSTRACT

The security of data is a very important issue and must be kept confidential so that it is not known by irresponsible parties, including sales data. The sales data in question includes prices, names of goods and other confidential data. The aim of this research is to create a system that can solve data security problems by encrypting and decrypting sales data. The method used to secure sales data uses the 128 Bit AES (Advanced Encryption Standard) algorithm. The results of this research are sales data that is encrypted in ciphertext form and can be decrypted back into the original plaintext file.

Keywords: Encryption, Decryption, AES 128 Bit, Sales Data.