

# Rijndael Cryptographic Technique for Securing Storage System

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## **Abstract**

*The general idea of the paper is to encrypt the selected data in the datasheet using Rijndael cipher, and then save the cipher text to the storage media. Rijndael is a substitution-linear transformation network with ten, twelve or fourteen rounds, depending on the key size, and with block sizes of 128 bits, 192 bits, or 256 bits, independently specified. Excel spreadsheets are used in many other organizations and most of the spreadsheets' data need security system. Excel software already have security system using password. But it is not secure because password cracking tools are implemented. So, the system is implemented using cryptographic algorithm such as Rijndael cipher. It can encrypt the excel data sheets by selecting rows, columns or cells on different symmetric keys.*