Abstract

With the rapid growing of internet and networks applications, data security becomes more important than ever before. Encryption algorithms play a crucial role in information security systems. In this paper, we have a study of a popular encryption algorithm: Triple DES. We overviewed the base functions and analyzed the security for the algorithm. We have successfully sent mails from one user to other and if a suspicious word is encountered then the mail is being sent to the admin instead of that user.

References

2. P.S.Keila and D.B.Skillicorn, “Detecting unusualand Deceptive Communication in Email,”
Technical reports June, 2005.


6. R.B.Segal and J.O.Kephart, MailCat: An Intelligent Assistant for Organizing E-Mail, in the Proc. of 3 rd Int. Conf. on Autonomous Agents.


9. X. Yin, J. Han,”CPAR: Classification based on predictive Association Rules,”SDM’03, pages 331-335.


**Index Terms**

Computer Science  
Security

**Keywords**

Triple DES, Encryption, Security, Suspicious word, Cipher text, Decryption.