Abstract

E-commerce is a field that is growing all over the world at a greater speed. This is possible with the extension of internet services to each and every corner of the world. As the users are moving towards online business and increasing in number day by day towards online services there is every need to have security at various levels in electronic business. Security mechanisms play a vital role in providing security to online business applications and there is a need to improve security services periodically to counter the activities of hackers. In this paper, concepts of gates and different mathematical operations are used in existing RC2 model to extend the security and examine the possibility of inclusion of different operations in existing systems.

References

Enhanced Bit Enciphering using Gates, Mathematical Operations and Text Key


Index Terms

Computer Science  Security

Keywords

Plain text, Cipher text, Key, Encryption, Decryption, Gates, Arithmetic operations.