Tehnici criptografice pentru securizarea comunicațiilor

Gabriel PETRICĂ*

EUROQUALROM, Faculty of Electronics, Telecommunications and Information Technology
University POLITEHNICA of Bucharest,Romania

Cryptographic Techniques for Secure Communications

Abstract

This paper analyses the use of cryptographic techniques for secure communications.
Encryption is the process of transforming a plaintext message into a format that can be understood only by its rightful recipient. Even if the encrypted message would be intercepted by unauthorized persons, it will be necessary to be decrypted. By cryptography we can restrict access to computing systems using mathematical methods to transform data in intent to hide their contents and protect them from modification.

Keywords: *algorithms, encryption, cryptography, security*.