

Managementul protecției infrastructurilor. Aspecte privind securitatea rețelelor de comunicații electronice

Ioan C. BACIVAROV, Marian FIROIU

Prof. univ. dr. ing., Universitatea „Politehnica” București, ETTI - EUROQUALROM; Drd. Ing.,
Inspectoratul General al Poliției Române
bacivaro@euroqual.pub.ro

Abstract

The authors analyse some problems related to the management of critical infrastructure protection, which could be considered as a part of the national safety and security of a state. Their researchers are devoted mainly to the problem of the security of the electronic communication networks. The aim of the security management of electronic communication networks is to save financial resource as well as to reduce the negative impact of undesirable security events. Risk management supposes technical and non-technical measures. The specialists must develop practical securities policies, rules and procedures in order to reduce risk impact. Finally, the practical security is rather a managerial and administration problem, than a technical one.

Keywords: Critical infrastructure, risk management, safety, security, electronic communication networks.

References:

- [1] ISO/IEC 17799:2000, Information technology – Code of practice for information security management.
- [2] ISO/IEC 2nd WD 13335-2 - Information technology - Security techniques. Management of information and communications technology security (MICTS). Part 2: Techniques for information and communications technology security risk management.
- [3] ISO/IEC FDIS 13335-1 - Information technology – Security techniques - Management of information and communications technology security (MICTS). Part 1: Concepts and models for managing and planning ICT security.
- [4] Băjenescu T., ”Managementul rețelelor moderne de telecomunicații”, Editura Teora, București, 2004.
- [5] <http://www.politrix.org/foia/nsa/nacsim-5000>.
- [6] Australia/New Zealand AS/NYS Standard.
- [7] Bacivarov I., s.a., "Fiabilitatea sistemelor de telecomunicatii", Editura Militară, București, 1985.