EDUCATION IN THE CYBER SECURITY FIELD AND IMPLICATIONS FOR NATIONAL SECURITY

Captain(N) Professor Sorin TOPOR, PhD.[*]

Abstract: *The purpose of this paper, by presenting relevant aspects related to cyber security training at the level of NATO states and partner countries, is to justify the need to establish a national strategy in order to prepare the population and the territory for dealing with hypothetical hybrid and cyber-attacks.*

Based on this strategy, any institution can identify the role, place and possibilities of its involvement, the investment in education thus becoming a strategic topic of the global equation of national security.

Keywords: *cyber security, cyber security education, cyber operations*

Introduction

Currently, the leaders of the governance structures are faced with the new challenges generated by adapting the security requirements of the information systems that must operate in a free cyber space. These result in the identification and establishment of new responsibilities, much broader than those known as belonging to the fields of IT&C and Communications Security (COMSEC).

The tendency of increasing, at an exponential rate, of the information systems functional abilities of each other interacting and communicating, is diversifying, their complexity being more and more present in the daily activities of the human society, in different forms, from the mobile communications devices to computers integrated into life insurance platforms. All provide the human life comfort, thereby understanding the raising of the living standard in a computer and robot assisted manner. Under these aspects, defense structures also follow the ways of integrating information systems, implementing or modernizing a

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[*] Universitatea Națională de Apărare „Carol I", topor.sorin@unap.ro