

THE 5TH OPERATIONAL DOMAIN AND THE EVOLUTION OF NATO'S CYBER DEFENCE CONCEPT

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Abstract: *The acknowledgement of the cyber domain as the fifth one – after land, sea, air and space – along with an unprecedented technological development have led to a change. A change in security culture and mentality, education and practice, change that is being shaped by the academic knowledge, trained in laboratories and practiced in organizations.*

The paper focuses on the undeniable relation between the outstanding developments of information society, along with the increasing types of threats against it, threats that tend to target every national security domain and the measures taken against those threats.

Key words: *Cyber domain, the 5th domain, information society, NATO's cyber defense concept, education*

1. Introduction

When it comes about the Cyber domain, a vast number of authors refer to William Gibson's novel *Neuromancer*. There is no doubt that modern human life of the 21st century could not be perceived in its entirety without the significant role of technology, especially information and communication technology (ICT). Indeed, ICT permitted in the last two decades a burst regarding not only the professional level of communication and information of human activities, but also to the individual intimate level of every individual. Along with these aspects of human life, research and development activities benefitted of the means provided by the

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