

COMMAND AND CONTROL SYSTEMS – CURRENT AND FUTURE DEVELOPMENTS

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Introduction

The long wanted world peace has not been brought about by the 21st century either and it may not be achieved so soon. There may not be world peace or maybe peace must be redefined the same way warfare has been. Today, there are military conflicts between state coalitions and a political regime from another country. The declarations of war specific for the 20th century are not in accordance with international laws, but interests of all kinds make possible the existence of conflict hotbeds. When the crisis management process fails, military conflicts are imminent. The essential changes of the security environment, Romania's adherence to NATO and the pursuit of national interests impose that the Romanian military forces participate in such conflicts.

Current military conflicts bring about major changes throughout the military domain (i.e., military art, doctrines, organization, training, equipment, action, etc), but all these transformations have a common element: technological progress. Throughout our troubled history, technological progress has directly influenced the military at all levels. One armed combat law says there is a close connection between the military forces' technological level and the way the latter acts. However, in the past decades, the military forces have significantly influenced the technological progress by directly financing technological researches. This financing is based on new action concepts the armed forces wanted to use but did not have the necessary technical support.