

**PRECONDITIONS AND CAPABILITIES OF DEVELOPMENT AND DE-
PLOYMENT OF SPECIAL MEANS OF COMBINED NON-LETHAL EFFECT**

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Practical experience of deployment of non-lethal means in counter-terrorist operations and operations of law-reinforcement has shown:

- efficiency of deployment of single-effect non-lethal means (irritants, flash, bang, kinetic and other) is considerably decreased during their repeated application, as objects to be affected can adapt to them and counteract;
- simultaneous deployment of some single-effect non-lethal means, which different in their physical and biological character of action, allow to provide necessary efficiency and exclude possibility to counteract.

The paper and reports analyze preconditions of development and deployment of special means of combined non-lethal effect. The concept and methodological background of development of such means are presented. Scientific and methodological basis for development of construction for special combined-effect means and examples of some specific specimen are considered. The problem of optimization of comparative impact level for different factors and their achievable combinations are discussed.

Key words: non-lethal means, combined effect, optimization.