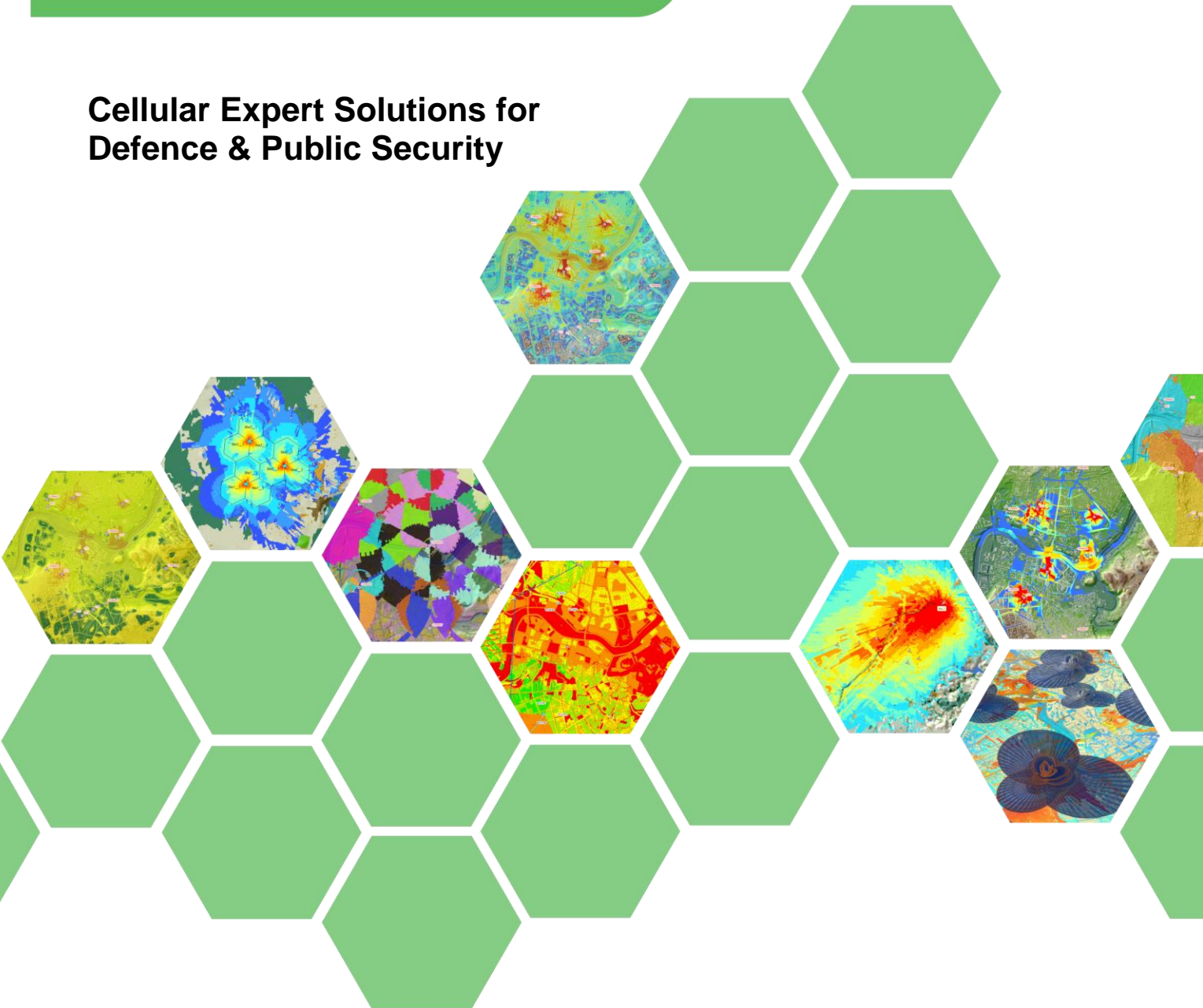


# CASE STUDY

## Cellular Expert Solutions for Defence & Public Security



## Cellular Expert at Military and Intelligence organizations

To secure reliable mobile communications is one of the most important tasks for defense organizations. Besides, most often these companies implement on-the-fly and short-term projects, so any decision should be taken very fast and precisely. Therefore, defense organizations should always consider effective wireless network planning tool. Cellular Expert is the best choice in this case. It provides means for planning network very fast, precisely and solves very specific tasks taking into consideration 3D geographical data (terrain, clutter, and obstacles such as mountains, trees, buildings, etc.) Our defense clients worldwide use Cellular Expert to assess link performance and availability for point-to-point and point-to-multipoint connections. They also analyze optical and radio visibility and network coverage. Defense clients always need tools for fast planning and deployment, so according to customers' need Automatic Frequency Planning (AFP) for point-to-point networks has been developed as well as tools for optimal site location.



*Automated Frequency planning for microwave network*

*Monostatic radar coverage*

Cellular Expert also includes tools used for Radar Analysis. These tools allow to identify radar's coverage including jamming.

Customers from Singapore, USA, Russia, Romania, Bulgaria and Lithuania use Cellular Expert for their network planning as well as part of Command and Control systems.

Find more case studies on <http://www.cellular-expert.com/casestudies>