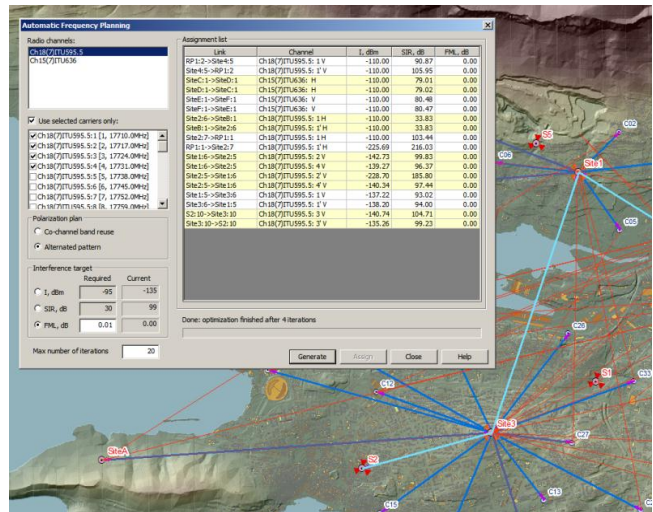


## Cellular Expert at Defense organizations

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

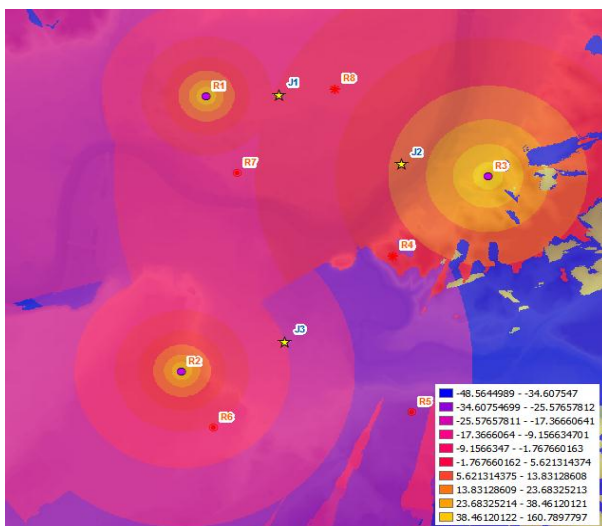
and solves very specific tasks taking into consideration 3D geographical data (terrain, clutter, and obstacles such as mountains, trees, buildings, etc. Our defense clients use Cellular Expert to assess link performance and availability for point-to-point and point-to-multipoint connections. They also analyze optical and radio visibility and network coverage. Defense clients always need tools for fast planning and deployment, so according to customers' need



Automated Frequency planning for microwave network

Automatic Frequency Planning (AFP) for point-to-point networks has been developed as well as tools for optimal site location.

Cellular Expert also includes tools used for Radar Analysis. These tools allows 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.



Monostatic radar coverage

Please, contact us by [cellexp@hnit-baltic.lt](mailto:cellexp@hnit-baltic.lt), +370 5 215 0575 or visit <http://www.cellular-expert.com/case-studies/> to get more information on how Defense organizations can benefit using Cellular Expert.