

NB-IoT Design Planning

Plan and optimize NB-IoT networks as independent deployments or as integrated planning and optimization on top of LTE or 5G NR

Consulting Service Details

MCNS has participated into several NB-IoT deployment and implementation projects (For further info please refer to [projects](#)).

NB-IoT has special and unique requirements, leading into specific solutions and deployment practices.

It is worth mentioning that among other MCNS has extensive experience on terrestrial as well as satellite NB-IoT deployments.

MCNS FWBA consulting services include but not limited to:

NB-IoT RAN coverage analysis:

Full coverage geographical analysis and planning report exports, mapped to Google Earth for better service provisioning

NB-IoT RAN capacity Planning:

Excel automated files with full capacity (throughput) estimations including also mathematical models for outage probabilities and throughput estimations

NB-IoT RAN technology Selection:

Based on specific vendor HW and SW optional features (i.e. NOKIA, Ericsson or Huawei) MCNS can propose optional feature configurations and HW equipment selection