

# NITRO Location Intelligence – End to End Optimization

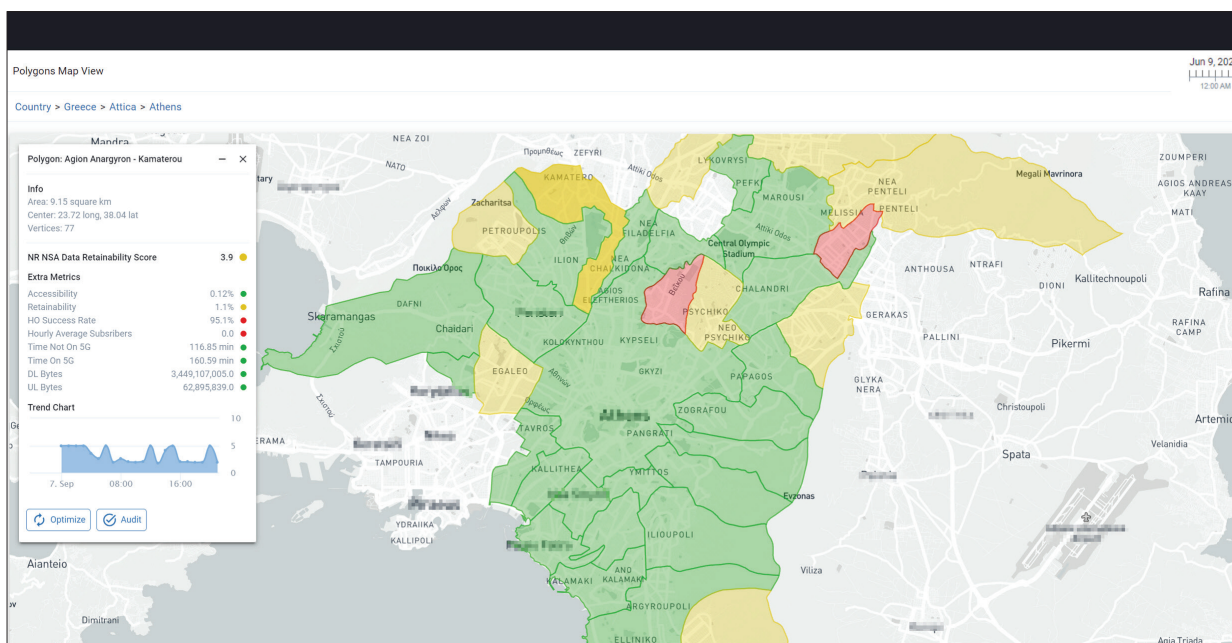
NITRO Location Intelligence (LI) streamlines your optimization lifecycle, enabling you to swiftly identify problem areas, devise the optimal configuration plan, and automatically generate acceptance reports.

5G Network optimization is a complex and time-consuming process, further complicated by new technologies and increased site densification. Engineers need to maximize their efficiency, and that's where NITRO LI comes in. By automating the entire optimization lifecycle and leveraging real subscriber experiences, NITRO LI empowers engineers to achieve optimal configurations swiftly and effectively.

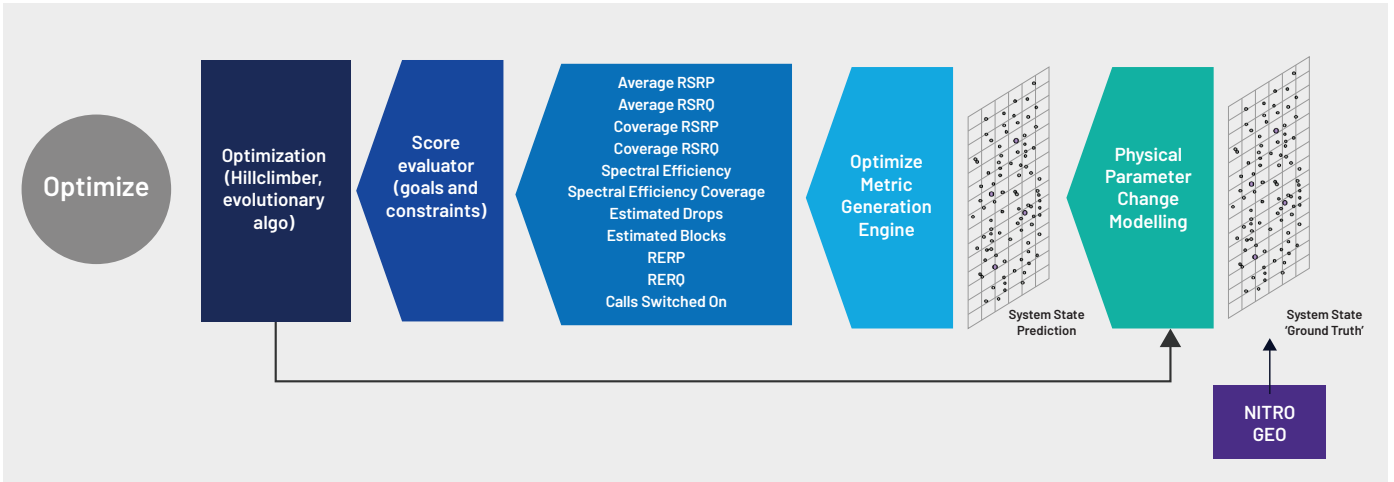
NITRO LI uses geolocated subscriber insights to find problematic areas (low quality, bad throughput, bad Voice MOS). This same raw data is used by our Digital Twin engine to find the best antenna parameters to have the best RF baseline possible. Users can get automated before/after reports for their areas.

## Key Features and Benefits

- Fully automated optimization lifecycle
- KPIs from the subscriber point of view (rather than network point of view)
- Proven Digital twin Antenna optimization engine, to improve multiple metrics (throughput, drop rate, coverage, quality)

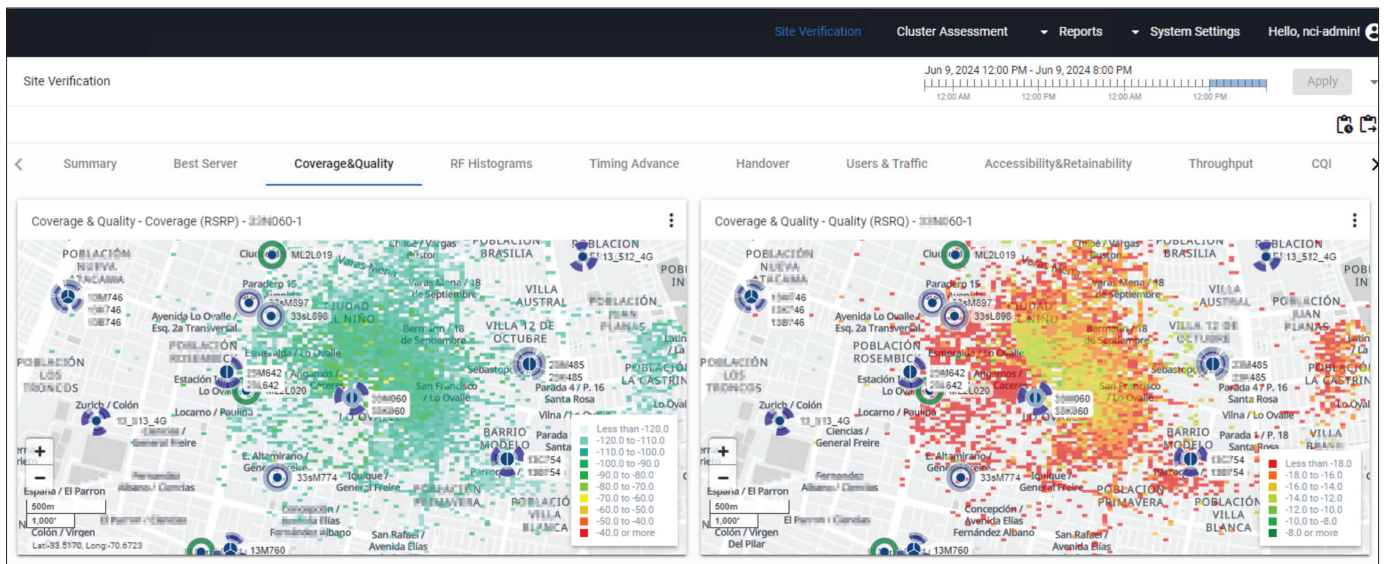


Step 1: finding areas with problems: automatically detect areas with bad performance affecting the subscriber QoS



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Step 2: Network optimization based on digital twin engine. Automatically validates all possible antenna changes in the network and provides a gain analysis with the best combination of parameters



Step 3: Once the changes have been implemented in the network, NITRO LI helps you generate assessment reports automatically



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