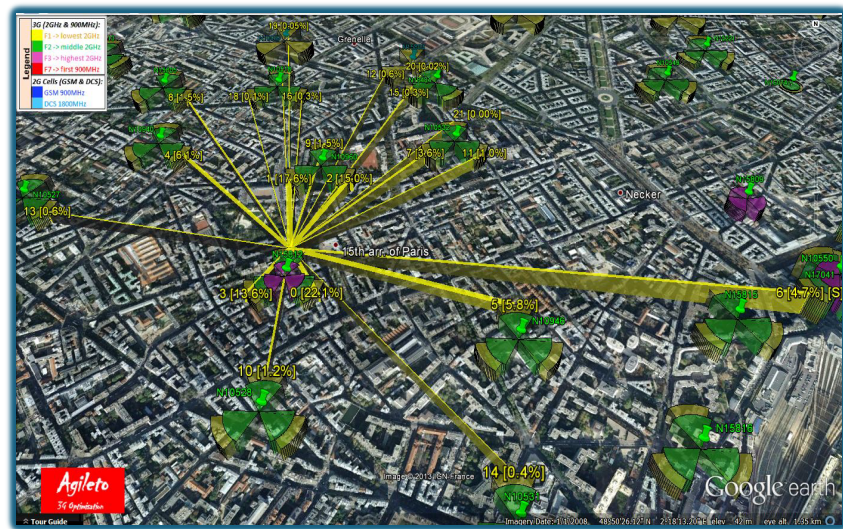


Agileto



- CONSULTANCY
- AUDIT
- TRAINING
- SUPPORT

Improve Network Performance and Reduce OPEX

DC-in. is a French-based provider of optimization services, training and engineering tools. As best-in-class tool, Agileto® incorporates advanced mathematical algorithms to aid the RNO engineer improve radio network mobility’s KPIs in an efficient and simplified workflow. DC-in. proposes its services on an on-site or off-site basis with SLA on radio KPI’s.

It is critical for today’s 3G/4G/5G network operators to change their approach to network optimization if they want to remain competitive and profitable. Operators must deploy smarter tools and strategies that allow for significant OPEX savings and optimize internal resources. Agileto® has demonstrated repeatedly the benefits of implementing a new approach to network optimization.

Agileto

RADIO OPTIMIZATION SOLUTIONS



Simplifying Mobile Optimization

- Consultancy
- Audit
- Training
- Support

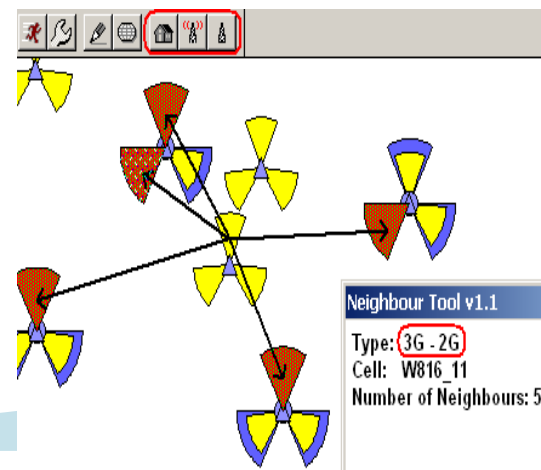
Efficient Radio Optimization based on Call Traces

Improving Call Drops at best Opex reduction

Agileto® helps organizing the mobility features on AIR interface: optimizing the neighboring relationships and reducing the interferers – cluster by cluster.

Agileto® is a state-of-the art RNO (Radio Network Optimization) tool characterized by being “Vendors’ Agnostic”: being independent from the mobile telecom vendors, the tool is easily adapted to every mobile operator’s optimization process and workflow.

The approach of OSS Call traces enables deeper and wider optimization workflow than the one based on simple drive test results. Hence Agileto® improves simultaneously the quality of Air interface and the Opex reduction of the network.



MapInfo visualization of I-RAT

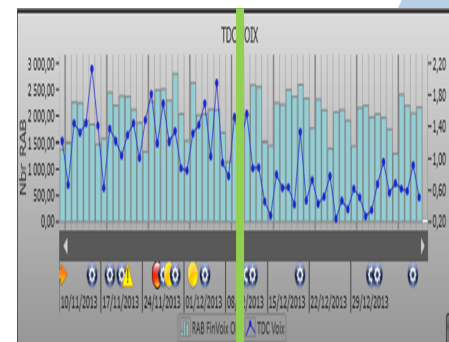
PROOF OF CONCEPT

Agileto® is efficient RF tools that can help RF Engineers optimize quickly a mobile Radio Network.

DC-in. can provide a FREE POC (proof of concept), for one RNC/cluster as a Pilot project – please contact us for further details

Examples of Neighbor Relations Optimization study cases implemented in a live network:

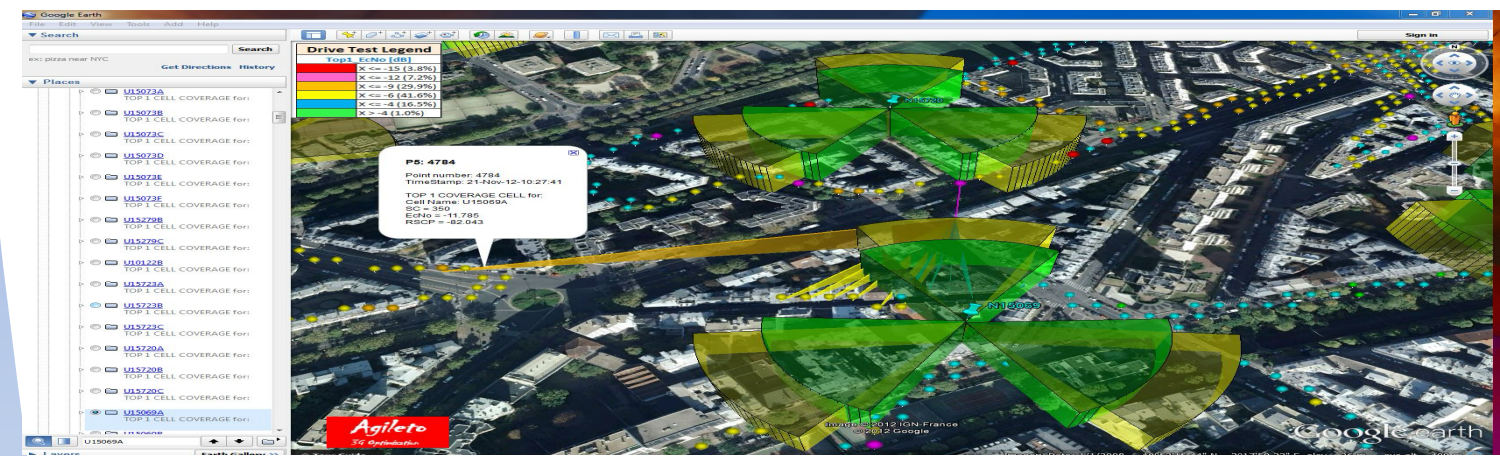
- **Cluster Optimization** on a more than 620 cells / 100 sites RNC was performed simultaneously on all 3G carriers and I-RAT consideration with underlying 2G network. DCR was improved by 0.1% to 0.3% distributed as follows: 10% worst cells had a DCR gain of 0.3%, 44% had a DCR gain of 0.2% and the rest a gain of 0.1%.
- **Cell-level optimization** was performed on a worst cell basis. The tool provided a solution where the cell DCR improved by 50%!



Fast improvement of DCR

DESKTOP POWERFUL SOLUTION

Agileto® is a desktop application that helps optimize your radio mobile networks. Despite its simplicity, this tool is built around powerful algorithms and process automation, and provides in real time the optimization results much more efficiently than other tools on the market



Innovative tool for Radio mobile optimization tasks

Improving KPI (DCR, CSSR, PSCs allocation...) of 3G RNC on multi-technology and multi-frequency levels



CUSTOM SOLUTIONS

Agileto® is a flexible engineering tool: Neighbor’s relations analysis and solutions, performed by the tool, are bound by mobile operator’s engineering rules



DRIVE TEST MODULE

Agileto® tool uses the drive test information as additional input to the OMC traces for neighbor relations analysis.

A specific module permits the use drive test data to benchmark coverage, Ec/No and MOS, and to check cross-feeder & BCCH information in the drive test area.



FAMILIAR GIS:

As standalone software, Agileto® reposes on popular GIS for graphical display and data manipulation, i.e. MapInfo™ and Google Earth™.

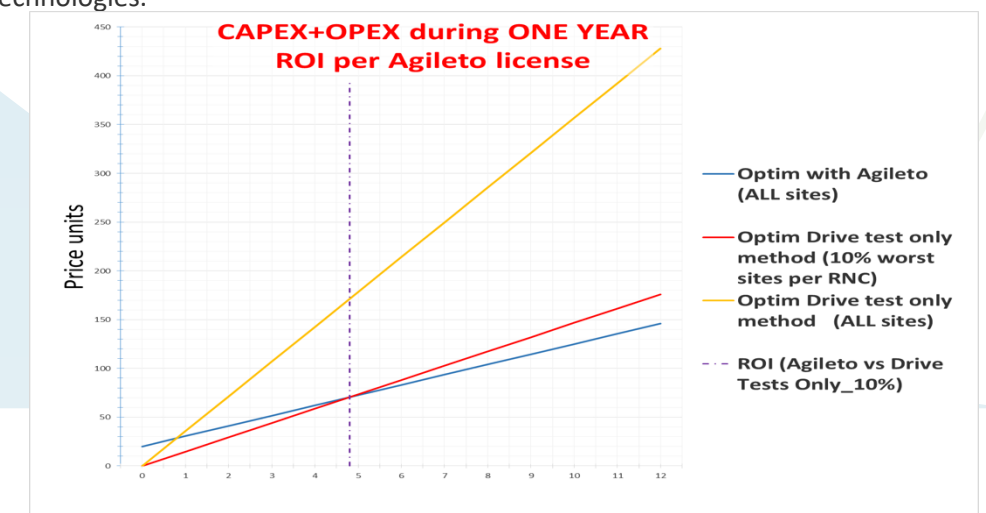
KMZ and TAB files are provided by the Agileto® tool with complete network data structures and tables for all frequencies and technologies.

AGILETO®’s ATTRACTIVE ROI

Optimization of 3G networks is an iterative complex workflow/process involving several teams (internal, sub-contractor, vendor); hence, it is a major contributor to high OPEX.

By eliminating the need for a drive test, and providing a simultaneous solution of an RNC, Agileto® is cutting on the operator’s recurrent expenses and therefore the OPEX.

By comparison to ‘drive test only’ method, Agileto® permits the improvements of mobility KPI’s relative to more RNCs with lesser time and resources.



OUR OFFERS

• Consultancy

Backed by RNO experts of more than 20 years’ experience in radio mobile, our consultancy services span from simple training in Radio Optimization up to turnkey solutions with aggressive SLAs (improving KPI targets)

• Audit

Agileto® assesses the current states of neighbor relationships (intra and inter frequencies + I-RAT with layers) and identifies the worst interferers and cell polluters on a cluster, RNC or network wide level.

• Training

DC-in. proposes a rich portfolio on Radio Mobile topics 2G/3G/4G technologies, Network Planning and Optimization. These courses are provided in cooperation with leading training partners.

• Support

DC-in. is an exclusive reseller of Agileto® and provides first and second level support.