

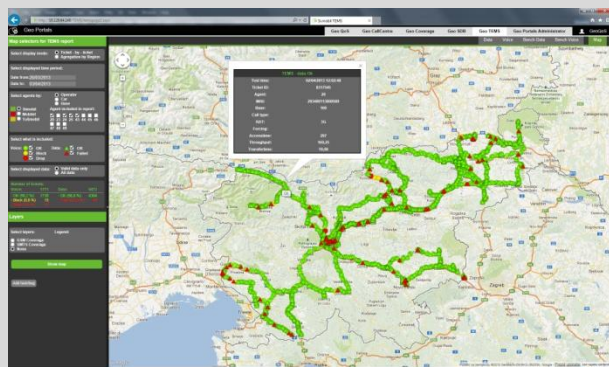
GeoTEMS

Monitoring and visualization tool for Mobile Data Benchmark measurements (TEMS)

GeoTEMS is Mobile Data Benchmark tool that supports daily activities at Quality and Radio departments of mobile phone operators. Mobile phone operators use TEMS tool developed by Ericsson and installed in a numerous of vehicle. Each of these vehicles measures mobile calls sent over the air to different mobile phone providers. The results are stored in a central database.

GeoTEMS visualizes results of measurements on two different levels, as Ticket By Ticket or Aggregation by Region. Users can follow changes on the mobile network by setting different time period, by operator, by voice or data transfer, by agents, by cars and by other parameters.

Special reporting tools is designed to benchmark performances between different mobile phone operators (Simobil, Mobitel, Tuš).



Customer

Si.mobil (Mobile operator)

Benefits

Fast monitoring results, visualization of raw and benchmark data, high quality customer support, export data for reports

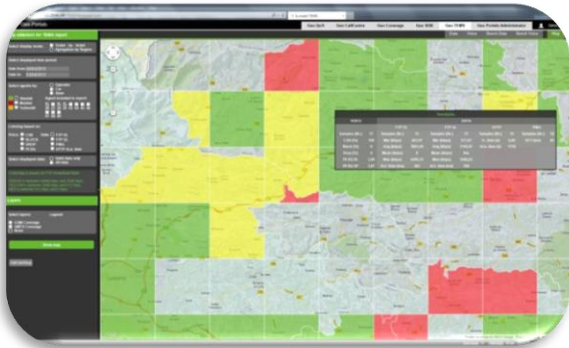
Used Technologies

Google Maps, MS Windows .NET, MS SQL

Implementation Time

One to three months depend on size and complexity of existing system

Geo TEMS



Ticket by ticket or Aggregation by Region

Field measurements can be shown as point features when select Ticket by ticket option or summarized values when Aggregation by region is selected. Using Voice option CSR, Block, Drop, Pesq DL and UL are calculated. Using Data option FTP DL, FTP UL, HTTP and PING are analysed. Mouse over displays all raw or aggregated data.



Benchmarking performance

User can select Bench Data or Bench Voice option inside specific TEMS campaign. All measurements are analysed and displayed in a report. Report shows comparison between all three operators.



Campaign Analyses

Campaign analyses are special reports designed to compare up to four different campaigns of one operator. Experts can see the advantages or disadvantages of measurements through different time periods.