



OPTIMUM NETWORK SOLUTIONS

Future
Networks
Today...

Network Planning
and Consulting
Radio Transmission
Planning
Radio Network
Optimization
Radio Network
Benchmarks and
Drive testing
Site Surveying and
Deployment



OPTIMUM NETWORK SOLUTIONS

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OPTIMUM NETWORK SOLUTIONS

RF Planning & Consulting

- Nominal RF Cell planning
- RF Site Surveying (Sarfi)
- Technical site surveying (Tss)
- RF Parameter Planning
- Network migration and expansion planning
- Traffic modeling
- Technology reports, white papers, and complete training courses

Radio Transmission Planning

- Managing 2G/3G Transmission Rollout project.
- Giving technical advice about transmission planning to Customers
- Generate Transmission Nominal Plan
- Transmission Site survey
- Analysing and forecasting transmission network capacity for new 2G/3G service associated to subscriber and data throughput assumptions Abis, Ater, Gb, Iub, Iu-CS, Iu-PS, Iur dimensioning
- Preparing transmission network rollout customer presentations and reports.
- Preparing and following BSC/RNC data files, ATM network parameter settings.
- Preparation of detailed NodeB ATM data files and cross connects.
- Technical process and milestone setting.
- Link budget and interference calculation.
- Handling BSC homing based on traffic load assumptions
- Preparation of planning processes and templates
- Coordinating the activities between transmission, SAQ, Logistics and TI departments.
- Supporting TI for detailed Transmission planning.
- Determining and solving the potential problems in the rollout.

Radio Network Optimization

- Alarm Handling
- OSS Statistical Analysis
- Frequency / Neighbour Planning
- Voice / Data Capacity Dimensioning
- Inconsistency / Discrepancy Analysis
- Parameter Tuning
- Radio Network Feature Activation
- Tuning & Re-dimensioning of Transmission Network
- Troubleshooting of Customer Complaints

Radio Network Benchmark & Drive Testing

- Benchmarking
- Drive Testing & Analysis
- Testing after feature activations / re-homing activities
- Testing due to parameter changes
- Troubleshooting of Customer Complaints

Who are we?

Headquartered in Ankara, Turkey, with offices at Turkey, Ukraine, Azerbaijan, Albania and Cyprus, **Optimum Network Solutions Inc.** is an independent provider of Radio Network engineering, network services and technical outsourcing for the wireless carriers and vendors.

ONS is created to design, deploy, optimize and manage wireless networks.

ONS was established in 2004 for providing professional solutions in cellular network planning and related areas. **ONS** is currently providing many NWP related services to main operators and vendors in 5 different countries with 230 employees. Please visit for more information: www.ons.com.tr

Our Vision

ONS Inc.'s vision is to become a vital and irreplaceable partner of GSM mobile operators globally providing up to date solutions at the right moment and in the very best way!

Our Mission

ONS Inc.'s mission is to provide significant improvements to the customers' network with a wide-range of professional services. We offer including but not limited to design, optimization and industry customized tool support.

ONS with its powerful background and customer satisfaction driven approach, has become a leading wireless networking company both nationally and internationally.

ONS is working with almost all the leading GSM operator and vendor companies.

Our References

- Motorola
- Vodafone
- Turkcell
- Huawei
- Nokia Siemens Networks
- MTS
- Life:)
- KKTCell
- Bakcell
- Azerfon
- Eagle Mobile

ONS guarantees better quality in great time frames, for less.

ONS understands that every single client has unique needs and we, as **ONS** team members guarantee to deliver the very same high quality output for all kinds of projects.

Future Networks Today...

