

Net Technologies

Network Planning & Optimisation Services

Net Technologies offers Network Planning & Optimisation services for the telecommunication industry with technologies such as GSM, UMTS, LTE, TETRA and WiMAX. We have more than 10 years of experience in delivering these services for the main telecom vendors globally. To guarantee the highest level of quality for the services delivered we have developed our own methodology and toolset, P-ProM.

Network Planning & Optimisation Services

- System design
- Nominal cell planning
- Radio planning (coverage, frequency & interference, traffic analysis)
- Transmission planning
- Core network planning
- Field measurements & drive tests
- Network performance audit & optimization
- Use of 3rd parties radio planning tools: Atoll, Mentum, Nemo/Tems, Pathloss, IB Wave indoor planning tool



We offer

- Turn-Key projects: we deliver on a lump sum turn key basis, any roll-out, any duration.
- Time/Item based service: we deliver any implementation on month/site/hop/link basis.
- Consulting services

P-ProM is part of a full range of services that provide solutions for the whole life cycle of the implementation of the access part of any wireless network.

Network Planning
& Optimization
P-ProM®

Site Survey
& Site
Acceptance
S-ProM®

Site Integration
& Commissioning
I-ProM®

Coverage
& Performance
Tests
T-ProM®

Roll-out
& Construction
Management
M-ProM®

Building quality in telecom networks

Methodology and Toolset (P-ProM[©])

Our complete Network Planning & Optimisation Methodology and Toolset (P-ProM) is an integrated, vendor independent approach, for all current mobile technologies.

- Preliminary radio planning analysis methodology
- Design aspects & procedures (network parameters, hardware parameters, antenna configuration, propagation model)
- Cell planning
- Automated link budget & cell range calculation forms
- Coverage, frequency & interference and traffic analysis procedures
- Optimisation guidelines
- In-house dimensioning tool: D-Winet[©]
- In compliance with Net Technologies ISO 9001:2008 certified quality system

Key Features

- Applies to all current mobile technologies and all main vendors
- Step by step instructions for the optimum sequence of work
- User-friendly and user-defined input forms
- Complete set of task lists, check lists and site survey report templates

P-ProM, a process based methodology and documented best practice, covers all the processes, procedures and needed reports for the delivery of the service of network planning and optimisation.

The method is composed of:



Contact Information

mobileservices@nettechn.com
www.nettechn.com