Plezintor
TELECOM EXPERT

Company introduction

COMPANY BRIEF

- PLEZINTOR Ltd. started in 2015
- Contact person: László Sipos, +36 30 930 4938
- Address: 1035 Budapest, Kerék str. 80. ; Hungary
- Homepage: www.plezintor.com
- No. of employees: 10
- Annual revenues: 1 mio EUR
- Main profile: Egineering services – mobile radio network planning and optimisation

Plezintor TELECOM EXPERT

COMPANY DESCRIPTION

- PLEZINTOR Ltd. is a major player of the wireless market in Hungary providing radio network planning and optimisation services
- Our experts with more than 15 years of international and Hungarian experience have competence in a wide area of wireless telecommunication technologies, incl. GSM, GSM-R, UMTS, LTE, TETRA, WIFI systems
- Our customers incorporate public mobile telecommunication companies as well as the governmental sector

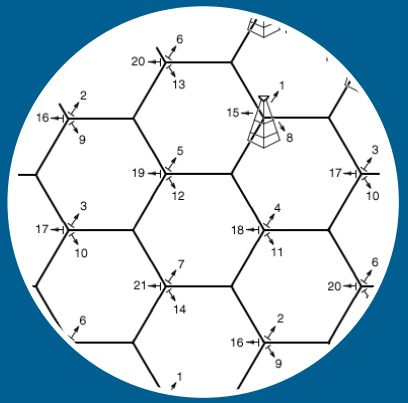
OUR MAIN SERVICES/SOLUTIONS

- Radio network planning (ROLL-OUT, cell, capacity, frequency, code, repeater, indoor DAS, etc.)
- Radio network optimisation
- Radio network measurement
- Propagation model tuning
- Performance management tool development and support

COMPETITIVE ADVANTAGES

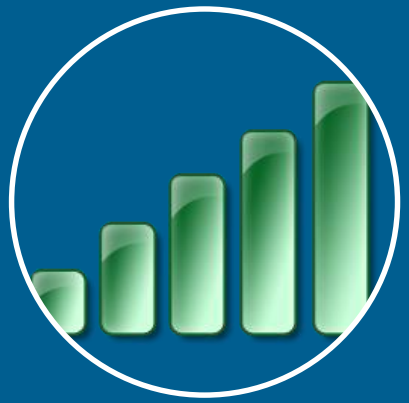
- Highly educated and experienced engineering team
- International personal references from many countries
- Integrated services (planning + optimisation + measurement)
- Reliable business attitude

CORE COMPETENCIES



Radio Network Design

Radio Network Optimization



Radio Network Measurement

PROJECT MANAGEMENT AND TECHNOLOGY INTRODUCTION

RADIO NETWORK DESIGN & OPTIMIZATION

TECHNOLOGY EXPERTISE

- LTE
- WiMAx
- TETRA
- GSM
- GSM-R
- UMTS
- WiFi

SYSTEM EXPERTISE

- ERICSSON
- MOTOROLA
- HUAWEI
- SIEMENS
- ALCATEL-LUCENT
- NOKIA

TOOL SKILLS

- Atoll,
- Atoll ACP/AFP,
- U-Net,
- Totem, Asset,
- Capesso, ActixRadioplan,
- ActixCellopt AFP,
- MentumPlanet,
- iBwave, PegaPlan, Tems Investigation, Tems pocket,
- Tems Discovery, Mapinfo,
- Global mapper, OSS3G, OSS2G, Moshell, AMOS,
- GPEH,
- Winfiol
- RAN Optimizer (FAS, NCS, MRR, FOX, WNCS, WMMR), M2000,
- Nastar,
- LMT,
- Cell monitoring,
- Cell tracing,
- IMSI tracing,
- Traffic View, NMS2000,
- MML,
- Business object,
- Infoview,
- ESAT (Ericsson),
- PR Optima, Visual Basic, Excel macros, Access application developing, SQL, Mapinfo application developing (Mapbasic), Pascal

SERVICES

ROLL-OUT

Countrywide or cluster roll-out planning of GSM, UMTS, LTE, GSM-R, TETRA, WiFi

CAPACITY, FREQUENCY AND CODE

Coutrywide, cluster or single site capacity, frequency and code planning of GSM, UMTS, LTE, TETRA

MEASUREMENT & OPIMIZATION

Drive test, handy and counter based network optimization of GSM, UMTS, LTE, GSM-R, TETRA

REPEATER

Coverage and installation planning of traditional and frequency shifting repeaters

INDOOR COVERAGE - DAS

Coverage and installation planning of small, middle and big size buildings with Distributed Antenna Systems

SERVICES

EVENTS

Complex coverage, capacity and frequency/code planning of events

SMALL CELL

Design of Small Cells (<5m hight) of GSM, UMTS, LTE

NETWORK DESIGN GUIDELINES

Preparation of GSM, UMTS, LTE, GSM-R, TETRA macro cell, small cell, repeater design guidelines

SPECTRUM STRATEGY AND USAGE

Reshuffling and refarming, frequency usage along national borders, CEPT agreements

RADIO PROPAGATION

Model calibration and validation based on field measurements (800,900,1800MHz)

REFERENCES – FROM THE PAST 3 YEARS

DEUTSCHE TELEKOM – HUNGARIAN TELEKOM:

- Greenfield and Co-location planning of GSM, UMTS, LTE networks
- LTE800-1800-2600 roll-out planning
- CSFB planning
- Frequency, code and RachRoot planning of GSM, UMTS, LTE
- Customer complaint handling
- Main roads and railways coverage analysis and improvement
- Event handling
- In building DAS planning

GSM-R PROJECT HUNGARY (Independent Engineer)

- RF technical supervision
- BSS technical supervision

LTE 450 PROJECT HUNGARY

- Planning and RF optimization of countrywide LTE450 network
- Measurement anaysis of integrated sites

TETRA NETWORK PLANNING

- Repeater -> TBS replacement
- TBS radio capacity extension and site configuration modification

INDEPENDENT PERSONAL REFERENCES

Azerfon, Azerbaijan
Ericsson (Telefonica nw.), Mexico
Ericsson (Telcel nw.), Mexico
Ericsson/NSN, Austria
Ericsson (Tigo nw.), Senegal
Ericsson (Wataniya nw.), Algeria
Ericsson (Orange nw.), Spain
Ericsson (Yoigo nw.), Spain
Wataniya Telecom (now: Ooredoo), Kuwait
Nokia, Czech Republic
NSN (Vodafone nw.), Hungary
T-Mobile (Magyar Telekom), Hungary
Movicel, Angola
MTS Russia, Russia
MVM OVIT Zrt., Hungary
Telenor, Norway
Vodafone Group S.Gmbh., Germany
Vodafone, Hungary
Vodafone, The Netherlands
Vodafone, New Zealand
MTS Russia, Russia
Vodafone, Spain
Vodafone, United Kingdom
Vodafone, Turkey
O2, United Kingdom
Mcell, Mozambique
Siemens, Tunisia