

JOB DESCRIPTION - RF Engineer

Job Title: RF Engineer

Date: ASAP

Location: Belgium

Supervisor's Name/Title: TBD

Job Purpose :

The RF Engineer participates in several deployment processes:

- Radio planning (Pré-Wimax / Wimax / 4G (TD-LTE))
- Radio optimisation (saturation / capacity / Coverage / Events)
- Network Deployment (site-selection, site-construction & site-commissioning)
- Administrative tasks (Environmental permits, Meeting local authorities, Reporting ...)

Essential Job Responsibilities:

- **Rollout :**
 - New design definition (Based on new technologies 4G : Wimax / LTE)
 - Search Ring / Site Survey/ LOI/ Technical Review / Drawing (LS) approval/ Kick off site commissioning/ Drive Test Define & Analyze
 - 130 operational sites + 170 on-going site-acquisitions
 - RF Propagation Tool (EDX)
- **Optimisation RAN Performance :**
 - Analyse KPI report (Saturation / Capacity / Coverage)
 - Initiate optimisation actions (Tilt/Azimuth/Channel)
- **Site Deployment - Coordinator Environmental Permits (EP) and support Building permits (BP):**
 - BP tracking (Flanders, Brussels, Wallonia)
 - EP preparation / Technical visit / correction/ EP tracking
 - Participation in several meetings (RISS, BIM/IBGE, Communes, etc.)
 - Follow-up with subcontractors (Network Deployment)
- **Support to Sales department :**
 - Coverage maps (+ integration in Google Earth)
 - Update sales tools (BEAMS)
 - Follow-up and solve network issues linked to radio parameters

Qualifications/Education:

3 years of experience within RF environment of a cellular network operator (network deployment, radio planning, optimization, environmental specifications, etc)

Skills & Experience:

Cellular Radio Planning and Optimisation (knowledge about 4G and/or LTE is a plus)

Site deployment process (from marketing and searching to an operational site)

Extended knowledge/expert of MapInfo and Excel

Microwave backhaul technologies and/or other wireless technologies (preferable)

Languages: French and/or Dutch as a mother language, good knowledge of English