



News

Currently SC ARCUL DE TRIUMF:

- has started the execution of GSM sites in Bulgaria as ALCA TEL partner.
- won de auction for the execution of three ORANGE Back bone sites
- has start the implementation of the **Occupational Health and Safety Management System** according to OHSAS 18001

GSM / DCS / UMTS networks

- On the market of mobile telephones infrastructure services, ARCUL DE TRIUMF is Contractor of ORANGE, COSMOTE , VODAFONE SI HUAWEI



ORANGE

installation and integration of GSM / UMTS sites



Vodafone România

installation and integration of GSM / UMTS sites



Cosmote

installation and integration of GSM / DCS sites, transmission lines



Huawei

implementation UMTS network

- ARCUL de TRIUMF achieved more than 500 turn-key sites, namely:
 - Pillar type sites (greenfield) with heights between 25m to 70 m



- Indoor or Outdoor Platform type sites (rooftop)



- Micro-cell type site
- GSM sites on top of buildings, water tower, silo type
- Achievement of turnkey complex projects is the main advantage offered by the constructors of ARCUL DE TRIUMF, covering all the stages of the project, from design to civil construction works and equipment installation.
- The works coverage include the following areas: Muntenia, Oltenia, Dobrogea, Moldova and Transilvania.

ARC is one of the most experienced constructors of telecommunication networks, both in wireless technology and in optic fiber and classic solutions. Achieving turn-key complex projects is the main benefit offered by ARC, by covering all the stages of the

project, from designing to civil engineering works and equipment installation.

Stages:

- Site Survey – visits to the proposed location, where our specialists classify and validate the candidates proposed by the network's designers.
- Site Engineering – defining the optimum solution within the limits imposed by the project, in view of site implementation.
- Project – the conclusions from Site Survey & Engineering are integrated in civil construction works (metal works, constructions and site's power supply)
- Site Implementation – Our specialists achieve all the installation works for the site (pylons assemblies, installing antennas supports, shelters or equipment rooms).
- Tests and measurements – after installing all elements, they are tested and measured; the results and diagrams become part of the site documentation.

Main achievements

- Over 400 new tower sites (up to 70 m heights) or turn-key monopole pylons, for all the telecommunication operators (Orange, Cosmote, Vodafone)
- Over 200 sites GSM (roof-top)

In 2002 the company starts the cooperation with ALCATEL Network System Romania within a vast project of testing and installing Alcatel radio communication equipment. Within this project our company's teams are installing microwave antennas (PDH and SDH) , outdoor RF units and indoor RF units, 2 M bits MIC coaxial cables and BTS equipments (Multi -standard Base station Outdoor - EVOLIUM).