Mobile Networks

Mobile Communication Unit
Network

- GSM 900/1800
- GSM-R
- GPRS
- EDGE
- UMTS
- HSDPA
- WIFI-WIMAX
Product Range
The Heart and Starting point of Every MCU is the Equipment

All manufactured Mobile Stations comply with GSM standards

A Mobile Communication Unit basically consists of an integrated and fully equipped cellular telecommunications station capable to be transported and put in operation in a quick and easy way.
The inside of a MCU will look very similar to a normal Shelter on a remote BTS Site.

Battery and rectifier set

DC and AC Distribution and AMF Panel

19” Equipment Cabinet for transmission and supplement devices
The Inside

Generator in separate compartment (Sound Proof)

Available space to integrate a BTS supplied by the client
The Inside (RECAP)
The Mast

- Fully extended mast at 25m
- Mast retracted and in stow position
Development of New Products

**Targets:**
- Address New Services (UMTS2, WIMAX, 4G …)
- Environmental and Technical Constraints

**Targeted Products:**
- Compact Smart Antennas (integration of RET & MHA)
- Antennas with adjustable horizontal beamwidth (spectral efficiency)
TARGETED CUSTOMERS

- OEM
- Mobile Operators
- Installation Companies
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