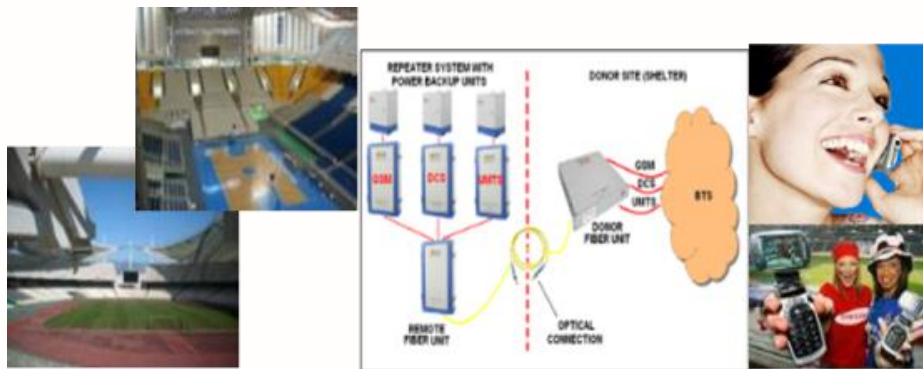


Customer Need

Provide indoor and outdoor RF coverage, both in football and basketball stadiums.



Offered Solution

We provided supplied & installed Equipment of Helios optical repeaters with the following features:

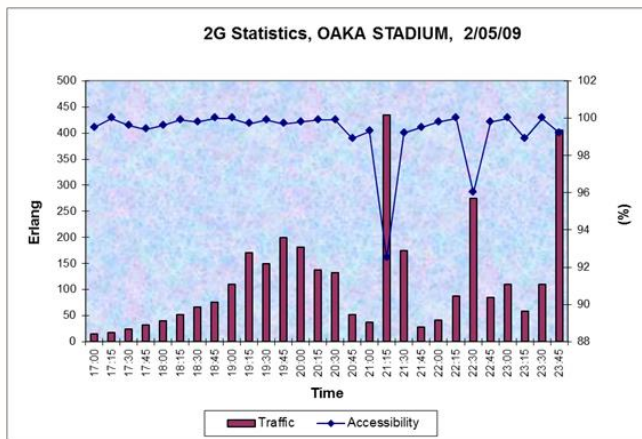
- 2*2 MIMO for LTE (optional 4*4 MIMO for outdoor coverage)
- Transmission of multi technologies* multiband simultaneously by a single Fiber Core. Modular scalable architecture allow user to quickly modify, upgrade or expand by simply adding RF cards and software features.
- Scalable remote unit RF output power +24dBm to +43dBm per band for small medium and large coverage area requirements
- IP Web browser GUI
- Remote monitoring by SMS, 3G or TCP/IP, SNMP V3 (MIB file)



Business Benefit

The offered solutions provide adequate capacity for the mobile operator to service even during big events up to 60.000 spectators.

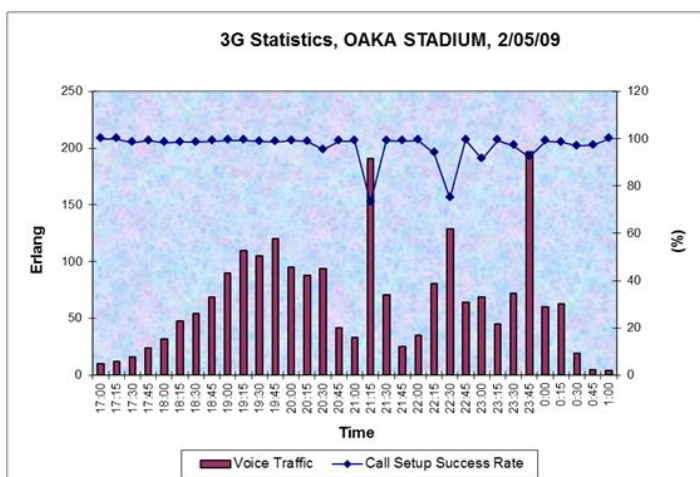
See below Network Statistics –Performance KPIs :



Event:
AEK – Olympiakos (Cup Final)
Location:
OAKA football stadium

2G Network Configuration:
Four (4) GSM cells (16 carriers)
Ten (10) DCS cells (44 carriers)

Time	Traffic (Erlang)	Accessibility (%)	Remark
21:15	437.07	92.5	half time break
22:30	282.81	95.72	before extra time
23:45	410.8	99.49	after game



Event:
AEK – Olympiakos (Cup Final)
Location:
OAKA football stadium

3G Network Configuration:
Ten (10) UMTS cells (1 carrier)

Time	Voice Traffic (Erlang)	CSSR (%)	Remark
21:15	189.89	72.77	half time break
22:30	126.97	74.72	before extra time
23:45	197.07	91.38	after game