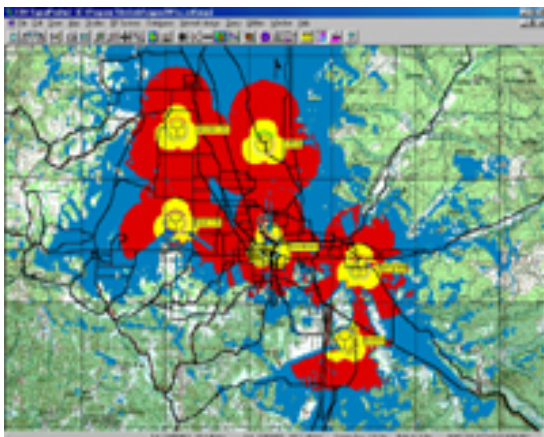


To meet the new customer requirements and to stay ahead of the business curve, wireless telecommunication service providers have to continuously expand their service area and roll out new technologies. Due to the capacity demands resulting from the exponential growth in the use of mobile broadband data, the service provider has to roll out new technologies like LTE, VoLTE, and Super LTE. The bottom line is that the industry has to change according to the customer's need and has to deliver a reliable and efficient network.

Since inception **TELNET** has been providing services to Wireless Network Operators and Vendors. We can provide a turnkey service and deliver a completed system or provide engineering support as outsourcing on your ongoing projects.

**TELNET** provides a range of RF Design and Optimization Services to support its clients at all stages of Network Planning. Network development is challenging and requires Knowledge and experience that Telnet can provide for a smooth roll out of new technology or to expand the existing Network. We are considered expert in providing the following essential Network Planning Services.



### **WIRELESS NETWORK PLANNING**

- RF Engineering Consulting
- System Design & Expansion
- Model Tuning
- Capacity Planning
- Traffic Engineering
- Regulatory Compliance (FCC/FAA/EME/E911)

- Network Planning & Dimensioning pre-launch stage and during growth



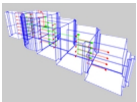
## **NETWORK TESTING AND OPTIMIZATION**

- CW & Coverage Testing
- Site Parameter Optimization
- Sector / Cluster / System Testing
- Competitive Analysis / Benchmarking
- Optimization Drive testing / data collection / post processing
- 3G/4G Data Testing & Analysis & Recommendation



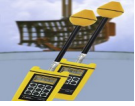
## **NETWORK OPERATION AND MAINTENANCE**

- Traffic Monitoring
- Switch Statistics
- Data Monitoring & Analysis
- Capacity & Traffic Management
- System Fine Tuning & Troubleshooting
- MSC Operations
- System Alarm Resolving
- Problem Area Mapping & Customer Complain resolution
- E-911 Services



## **IN-BUILDING TESTING, DESIGN & IMPLEMENTATION**

- Project Management
- Online Tracking System & Data Exchange
- Site Walk / Site Survey / Site Audit
- Design Solution (Coverage & Capacity)
- Site Acquisition and Lease Negotiation
- Installation and Commissioning
- Optimization and Performance Management
- Equipment Vendor Selection & Management
- Network Monitoring and Maintenance



## **EME SERVICES**

- Field Measurement
- Identify Hot Spots
- Computer Modeling & Calculation
- Compliance Certification
- Signage & Barrier