

Software for Testing Cell Phone Networks

Project Description and Benefits

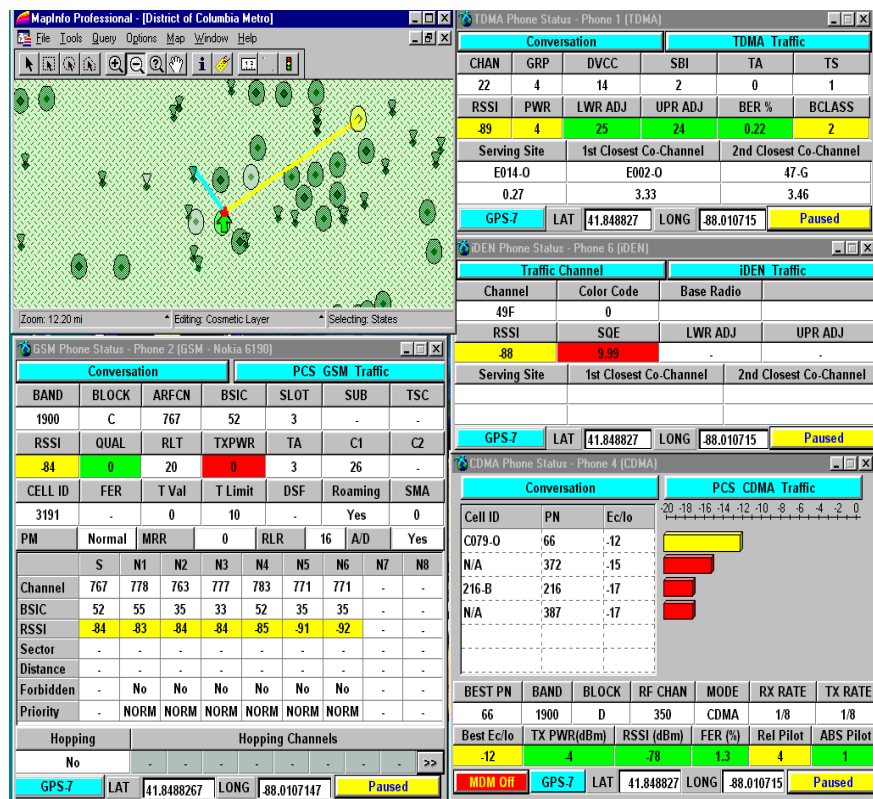
Custom Computer Services designed and provided equipment and software for testing cellular networks for one of its clients. The client sells the product to its customers who use it to correct issues in their cellular networks. Eliminating problems such as dropped calls, interference, and no service areas will increase reliability and sales. The Delphi application provides data to answer the question “can you hear me now?”

Project Objectives:

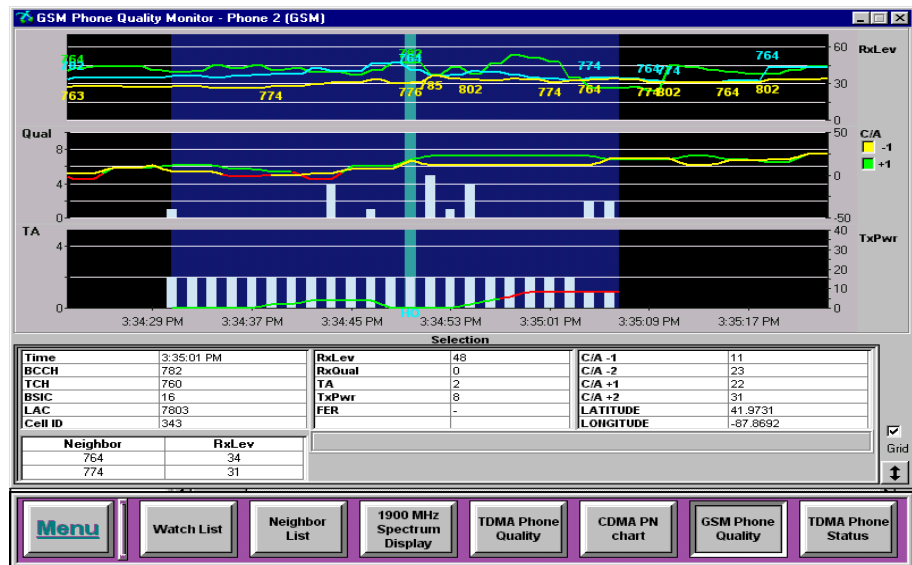
- Process data about cellular networks from test monitoring equipment
- Present data in real time displays
- Record data in dBase tables and binary files
- Playback recored data
- Present data using 3rd party mapping utility
- Preform post processing of data such as merging test data and exporting scanner data

Accomplishments:

- Served as a dedicated developer for the client.
- Demonstrated an ability to understand new technologies used in the cellular communication industry. Supported data from several types of cellular networks (IS-136 TDMA, CDMA, iDEN, GMS, GPRS, and Analog).
- Collaborated with developers to incorporate application support for changes to the test equipment and client's utility applications.



- Utilized technical and creative problem solving skills to address unique issues including the “Heads Up Display” mode to aide users in motor vehicles.



- Presented data in clear understandable, high performance real time displays.

