

MAPKING SmartLogger

For Field Test Operation of a Mobile Phone Co.



For location data collection, we have developed the MapKing SmartLogger. It is a software solution runs on standalone handheld PPC of Windows Mobile operating system for logging location based information. By very simple operation, user can record the location information and time with the portable device.

The Benefits:

- Reduce service operation costs
- Perform required works in a timely manner
- Reduce response time for urgent jobs
- Easy to use and simple to handle
- Integrate with powerful MapInfo analysis functions
- Can be used in any graduated value, such as pollution monitoring, temperature variations, and etc
- The best mobile operation and management solution

Customer Overview

A well known Hong Kong mobile phone company is looking for a more flexible and dynamic way to collect radio signal strength information to carry out field benchmark test on their existing equipments (to optimize the location of the cell sites).

The Challenges

With the company's existing process, it is quite difficult to record all the necessary readings for the analysis. Field testers need to memorize where they perform the field test and need to handwrite them on paper maps with the corresponding readings. Human errors always occur and hard to control. Moreover, low working efficiency was influencing the company's daily operation.



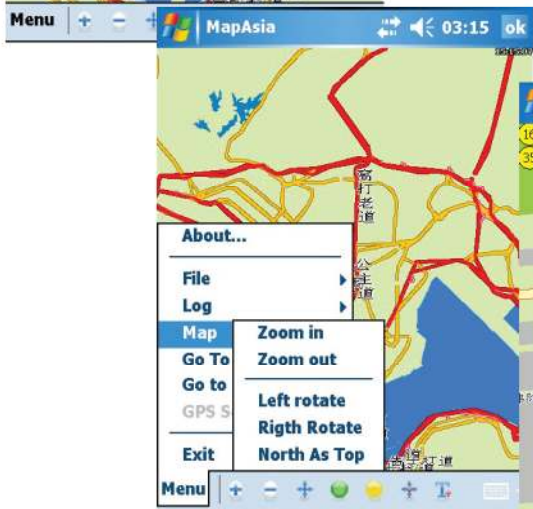
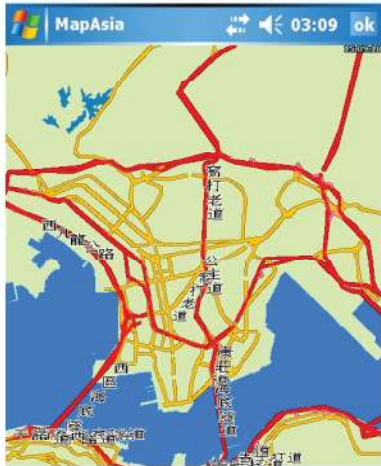
The Solution

MapKing provides a solution that uses MapKing SmartLogger on the PPC to record the location of the tester.

Combine with the testing device of the operator, field testers can collect the corresponding signal strength readings on location with ease and speed.

MapKing SmartLogger is a solution run on standalone handheld PPC on the Windows Mobile operating system. It stores the whole Hong Kong map data in compacted size with incredible performance. With simply one click on the mobile digital map, the tester's location is recorded with time and remarks information. It is used to collect location based information in an efficient way.

In this case, all the records from the testing was saved and uploaded to MapInfo Professional. After uploading the data, a signal strength distribution map was created for quality control and engineering design. Based on the information, a Grid thematic map was generated from the point layer for further analysis.



The Results

MapKing SmartLogger provides an efficient way for the company to achieve their requirements. Right now, MapKing SmartLogger is still servicing the company and becomes irreplaceable. MapKing SmartLogger has undeniable saved them hundreds workers hours and large portions of operation budgets.

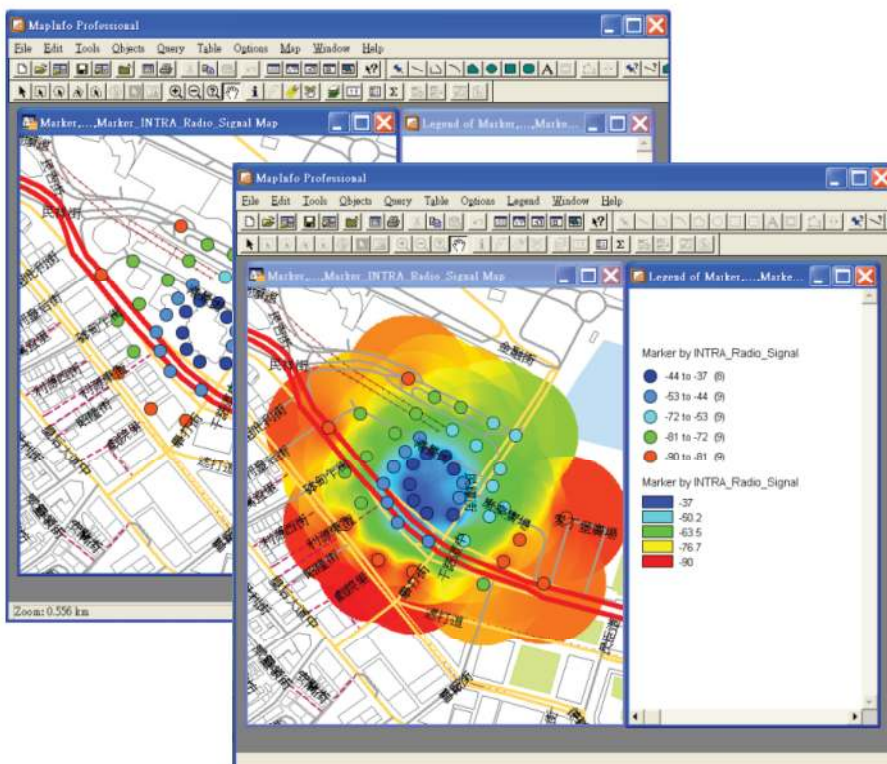
Why MapKing

- “MapKing International Limited” is specialized in the Logistic Management of Geographic Information System (GIS) and Location-Based Services (LBS) technologies with particular focus on seamless integration of GIS with other cutting edge information and telecom technologies.

- More than 10 years GIS services and implementation experiences.

- Help end users become more productive and collaborate from any place at any times.

- Provide relevant products and solutions for corporations and end users which focusing on the integration of technology and daily life to greatly improve their working efficiencies and daily operations.



How can MapKing help your business?

For a free consultation, please contact us.

www.MapKing.com

mapsale@mapasia.com

Tel: (852) 2740 9680

Fax: (852) 2789 1758