

A Windows CE™ based survey software for land survey professionals

- Are you spending your valuable time at office to create maps & layouts?
- Would it have been helpful if you could visualize your survey at site?
- While preparing map@office, did you realize that you have missed out an important feature?
- Do you measure chainage and offset, angle and distance, relative offsets during survey?
- Are you using different types of instrument at site, and find it difficult to integrate data?
- Are you bogged down by the limited memory on your total station?
- Do you feel creating map at site would have been much simpler as was with plane table?

IF YOUR ANSWER IS YES TO ANY OF THESE QUESTIONS SURCON IS WHAT YOU NEED

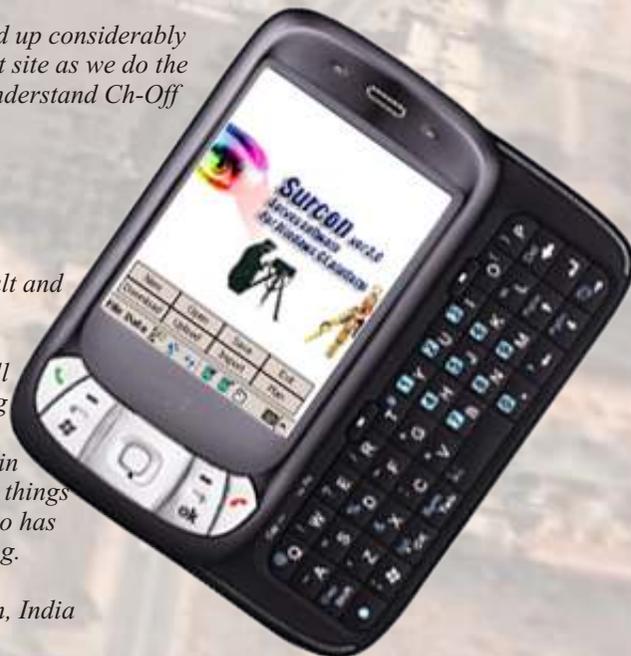
Surcon gives you the freedom to create map as you use to do using plane table, taking full advantage of the modern surveying instruments such as total station & GPS. You can use your theodolite, tacheometer, distomats, compass and chain measurements as well and prepare maps at site immediately with ease.

With Surcon our work has speeded up considerably. We are now able to create maps at site as we do the survey. The ability of Surcon to understand Ch-Off measurements is real time saver.

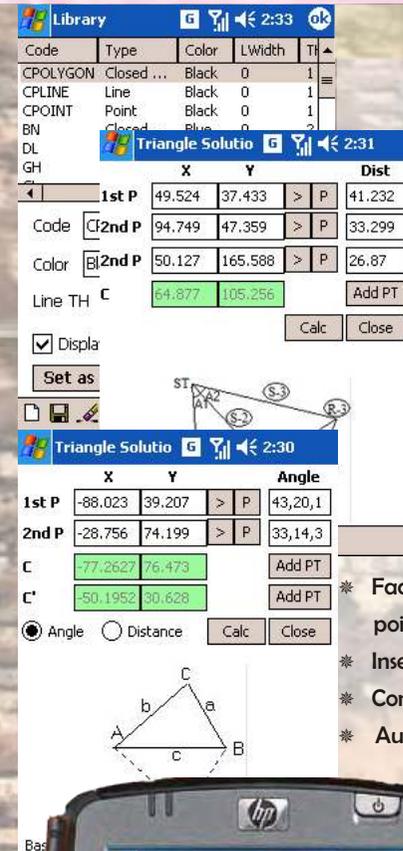
J. Ranganathan, Land Surveyor
Map India, Bangalore, India

Our survey is conducted in difficult and remote terrains and goes for considerable time. We had no knowledge of the final outcome till we were back at office. After using Surcon, uncertainty is a thing of past. The easy to use CAD editor in Surcon is really handy and makes things quite simple even for a person who has limited knowledge of CAD drafting.

P.K.Chakraborty
North Eastern Coal Fields, Assam, India



SURCON FEATURES



- * Download & Upload of data to Total Station with raw data support for all popular manufacturers like Geodimeter™, Horizon™, Lieca™, Nikon™, Pentax™, Sokkia™, Topcon™ etc. along with delimited data types.
- * Automatic creation of plan drawing after import based on feature code and library.
- * Dynamic update of project based on raw file
- * Map view with full range of zoom, pan options with facility to dynamically pan and zoom window.
- * "Real time Graphics"- Points, lines and polygons appear on the screen as they are added.
- * Add points, lines, polylines and polygons graphically in the map view with command line interface for coordinate entry (cartesian) or angle and distance entry (polar)
- * Facility to convert point to line/polyline/polygon by adding existing points/nodes or new nodes.
- * Insertion, deletion and reordering of node from polyline/polygon
- * Conversion between closed and open polyline, polyline to point etc.
- * Automatic snap mode in map to snap to existing points/nodes
 - * Layer control like desktop CAD software with features to switch layer, point number, description.
 - * Point creation based on chainage & offset readings
 - * Tool for auto-creation of missing building corner.
 - * Transparent zoom & pan facility while other commands are active.
 - * Facility to erase, move, rotate, scale and copy entities with facility to select multiple entities from map or data.
 - * Offset polylines/polygons for alignment and building stakeout
 - * Measurement of length and area from plan.
 - * Triangle solutions, intersection calculation, point location based on baseline & other COGO features
 - * Establishment of station based on resection.
 - * Export of data to other formats such as SDR, GSI, IDX, CSV, XML etc. Export of map to DXF for AutoCAD® and MicroStation®

