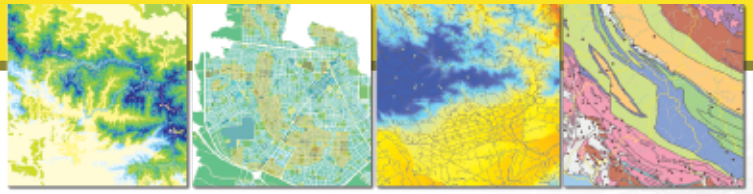
SUPERGEO GIS SOFTWARE

GIS SOFTWARE & SOLUTION



▶ The Best Mobile GIS Solution

SuperPad Suite

Case Study:

Mapping the Forest with SuperPad plus e-Compass in PDA

Forest Bureau and its related organization are commonly using a "Compass Forest Desktop Mapping System". However, Forest Bureau personnel have to go to outfield to collect valuable data or monitor special events. Hence, the current desktop mapping system is not suitable and cannot satisfy the requirements any more. Fortunately, SuperGeo technologies Inc. states a project using mobile GIS, which is called SuperPad Suite, to provide the e-Compass Forest Mapping with personal digital assistant (PDA) solution.

E-Compass Forest PDA Mapping System integrates handheld computer device (i.e. PDA or Tablet PC) with Global Positioning System (GPS), which makes real time digitizing, computerizing data collecting and digital measuring possible during the survey work. System provides surveyors with not only collecting, recording, and creating data real time but also updating the main system or GIS server anywhere via internet. In addition, the integration of these two systems, e-Compass Forest PDA Mapping System and Compass Forest Desktop Mapping System, will be able to offer better and more advanced forest protection and management. Overall, according to SuperPad based e-Compass Forest PDA Mapping System, surveyors of Forest Bureau indeed have great improvements in the field survey assignments efficiently and accurately. The system brings the most convenience survey method then they ever had.

Main Features ~

1. GPS positioning: System can communicate with GPS and uses built-in calculation formula to measure the Start Point coordinates.
2. Supporting automatic closing start and end point as a polygon is used to calculate the measured area.
3. Providing basic conducting wire setup, including conducting wire type, magnetic north declination, start point coordinates and end coordinates.
4. Measuring the conducting wire information and outputting the results of total length of conducting wire, error of latitude, error of longitude, error of closure, area measurement, error ratio and others.

SuperGeo® SuperGeo Technologies Inc.
GIS Software & Solution
Integrity ▪ Profession ▪ Innovation

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