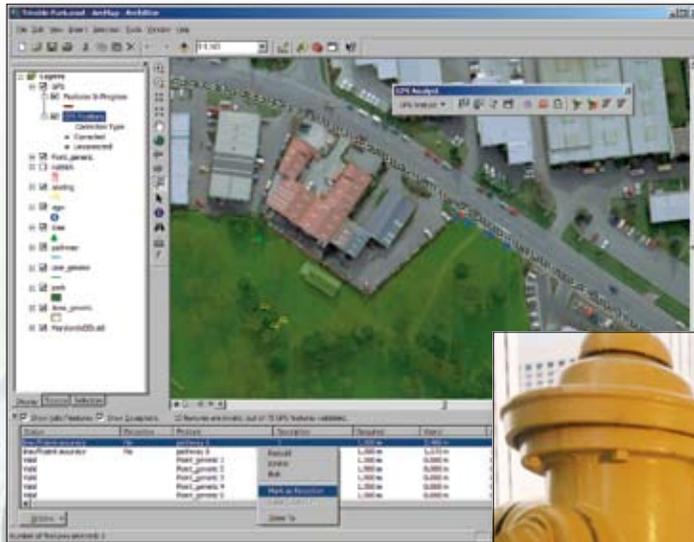


GeoCollector™

Mobile GIS with GPS for Superior Data Accuracy



Arc
ESRI GIS™



GeoCollector™

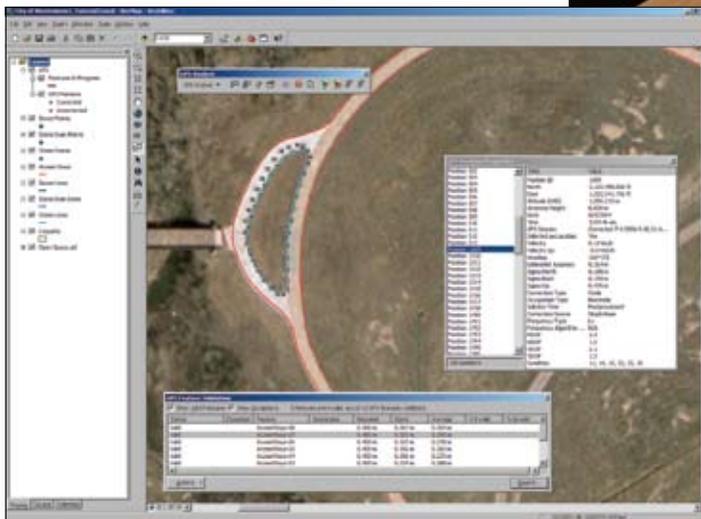
Mobile GIS with GPS for Superior Data Accuracy

GeoCollector™ is an end-to-end field data collection solution that merges ESRI® mobile geographic information system (GIS) technology with Trimble® professional-grade global positioning system (GPS) hardware. With GeoCollector, you can increase the accuracy of your data collection, resulting ultimately in a superior enterprise GIS.

Easily Improve the Accuracy of Your Data

Organizations such as utility companies and government agencies require accurate location information to efficiently perform tasks ranging from field mapping to incident reporting. Mobile GIS is often the right tool to use, since it expands the GIS from the office into the field. When further accuracy is required, GPS can be added to the mobile GIS data collection and maintenance process, resulting in reliable and precise data that personnel can use to make more timely and informed decisions.

Three essential components are needed to fully take advantage of mobile GIS: a rugged handheld computer with integrated professional-grade GPS receiver, GIS software for field mapping applications, and GPS software to collect and postprocess detailed GPS data. GeoCollector integrates all these technologies to form a complete mobile GIS solution tailored to those who need the added accuracy of a professional-grade GPS.



GeoCollector includes the key elements that are essential to building an accurate enterprise GIS.

Hardware and Software Tailored to Your Needs

Hardware is a critical component of any mobile GIS effort, and GeoCollector includes an ultrarugged handheld computer with integrated GPS receiver from the current Trimble GeoExplorer® series. To meet the full range of field data collection requirements, three models of the device are available covering the accuracy classes of subfoot, submeter, and one- to three-meter accuracy. Devices are preloaded with ESRI's ArcPad® software for mobile GIS, as well as Trimble's GPSCorrect™ extension for ArcPad. The combination of ArcPad and GPSCorrect enables you to quickly and efficiently collect data in the field while also automatically logging the detailed GPS information required to ensure reliable and accurate position data.

GPS Analyst—An Optional Extension for Additional Precision

You can further enhance data accuracy when back in the office with the GPS Analyst™ extension for ArcGIS® Desktop, Trimble's GPS postprocessing technology. GPS Analyst runs directly inside ArcGIS Desktop, allowing for direct transfer of data between your device and your geodatabase. In addition, GPS Analyst provides automated postprocessing of GPS data to ensure the best position accuracy possible from your collected data.

Hardware Specifications

All three models of the GeoCollector hardware come with the following specifications:

- 416 MHz processor running the latest Microsoft® Windows® Mobile™ 5.0 software for Pocket PC
- 512 MB of onboard memory
- Expandable Secure Digital memory
- 802.11b wireless LAN connectivity
- Bluetooth®
- Rechargeable battery for all-day use



Automatically log detailed GPS information with GPSCorrect for ArcPad during data collection to ensure reliable and accurate position data.

For more information, visit
www.esri.com/geocollector.



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For more than 35 years, ESRI has been helping people make better decisions through management and analysis of geographic information. A full-service GIS company, ESRI offers a framework for implementing GIS technology and business logic in any organization from personal GIS on the desktop to enterprise-wide GIS servers (including the Web) and mobile devices. ESRI GIS solutions are flexible and can be customized to meet the needs of our users.

For More Information

1-800-GIS-XPRT (1-800-447-9778)

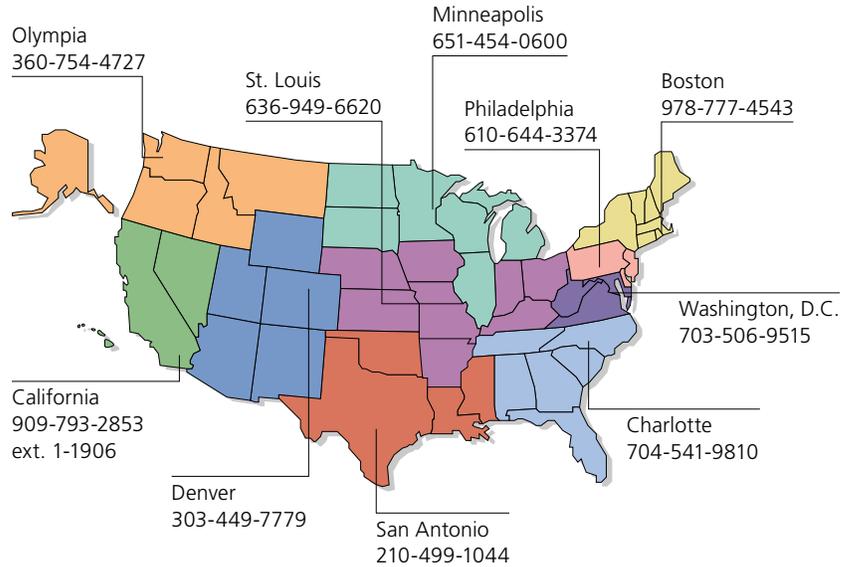
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