

# GEMINI GIS DATA COLLECTION SYSTEM



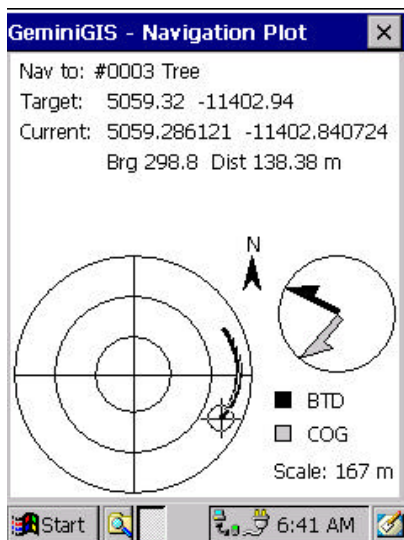
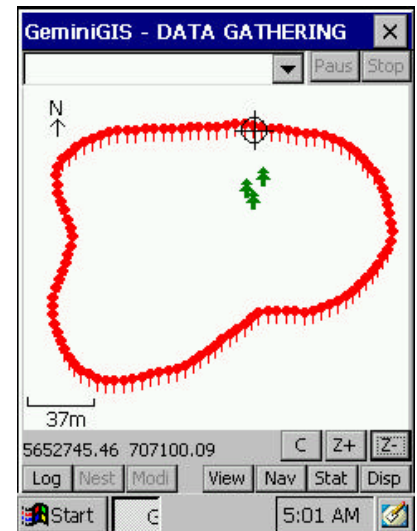
**GEMINI  
POSITIONING  
SYSTEMS LTD.**

The Gemini GIS system is a Windows CE based software package designed to provide a simple yet comprehensive data collection tool for GIS applications. Designed to operate on all of the most popular handheld devices, the Gemini GIS system allows the user to fully specify all aspects of the GIS data collection task.

Users can build their own custom data dictionaries and can apply any number of attributes to each point, line or area feature. The system can be configured to use the basic data entry screens or to use custom form entry to ease the attribute entry routine.

The Gemini GIS can be configured to use various GPS receivers in real time mode and provides the operator with constant GPS status to ensure positional accuracy. The system can also be configured to provide warnings for various GPS conditions (i.e. PDOP, RMS) ensuring consistent quality in the data collections.

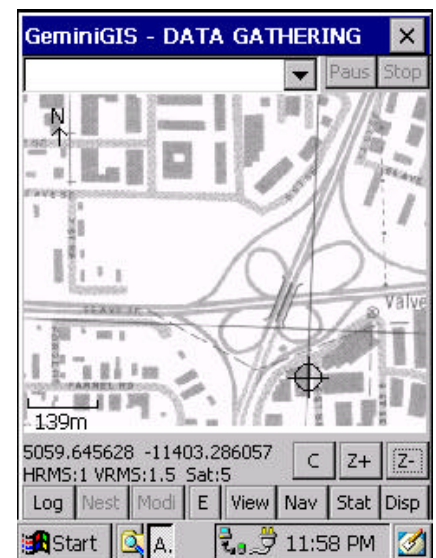
The system also allows for the collection of raw GPS data directly to the handheld device for use with a post-processing package. The Gemini GIS Office package provides the means to replace the real-time positions with the higher accuracy post-processed results.



The software can be used for navigation or layout tasks with the waypoint navigation tools. The user can navigate to any point, line or route (list of points) using the simple navigation interface. A bulls-eye and bearing/heading arrow provide a quick reference for waypoint location.

Background maps can be added to the system to provide the complete navigation reference. The Gemini GIS supports most raster image types and provides the means to quickly convert and tile large images for use on the handheld device.

The Gemini GIS system also supports the use of standard GIS files as a background object. Shape files can be used on the map display and full access to the GIS database is provided for each file. The data gathered with the software can be seamlessly integrated or exported into the shape file format.



*For More Information Contact:*

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