



Reliable sub-meter and up to sub-foot accuracy with Thales GPSDifferential module for MobileMapper™ CE

— Robert Wick, Thales Navigation

The GPSDifferential Module, a software extension introduced by Thales for MobileMapper CE, seamlessly adds the power of post processing to virtually any mobile GIS/mapping software application. With the GPSDifferential Module, sub-meter and up to sub-foot mapping is easy to achieve, even where real-time corrections are not available, or when used in difficult signal environments such as forests. Working behind the scenes and without interrupting normal workflow, GPSDifferential Module automatically logs the raw data required for reliable sub-meter post-processed differential corrections. In certain conditions and with an external Thales GPS precision antenna, accuracy up to sub-foot can be consistently achieved.

The Thales GPSDifferential Module is a business partner and software integrator tool that includes MobileMapper Office software for post-processing. When GPSDifferential Module is integrated into a GIS application, raw data collection, functions can be accessed that store data in a separate raw data field which will later be recognized by MobileMapper Office. This affects neither real-time data collection storage nor the structure of the real-time data format. The raw data file stored by GPSDifferential can be post-processed using MobileMapper Office. Post-processed data are exported with

attributes in industry standard formats.

Software Integrators find that GPSDifferential Module easily merges with their own solutions without the need to change the data structure to support post-processing or create office-based post-processing software.

About MobileMapper CE

MobileMapper CE is a handheld GPS receiver for GIS and many other data collection applications. It sets a new standard for performance and affordability. MobileMapper CE offers an impressive array of high-performance features, including real-time, sub-meter GPS positioning, embedded Microsoft Windows CE.NET, Bluetooth wireless technology, removable SD card memory and an all-day removable battery that make it attractive for a wide variety of demanding GIS data collection and mapping applications.

About MobileMapper Office

Thales MobileMapper Office is powerful office software that enables viewing, editing and exporting GIS data collected on the MobileMapper CE. MobileMapper Office enables map updates, post processing of GPS data and storage of GIS information for analysis.

[www.thalesgroup.com/navigation].