

# Leica Geosystems Releases Enhancements Leica MobileMatrix

Leica Geosystems (Switzerland) has released new GPS RTK Processing option for Leica MobileMatrix and a new Leica MobileMatrix Edition as extension to existing ArcGIS 9 Desktop installations.

Leica MobileMatrix offers a link between GIS technology from ESRI (CA, USA) and Leica Geosystems's™ spatial data capture equipment. Leica SmartAntenna option in MobileMatrix combines a TabletPC wirelessly with the Leica SmartAntenna ATX1230.

By combining the SmartAntenna ATX1230 with Leica MobileMatrix the user has the full functionality of a stand-alone rover. All GPS raw measurements are processed within Leica MobileMatrix; therefore no extra receiver (GX1230) is required. The combination of Leica MobileMatrix and the SmartAntenna ATX1230 is a GPS rover with RTK capability with the precision and accuracy of Leica's™ high-end GPS System 1200 (L1 and L2). It is a totally cable free (Bluetooth) solution, which allows the user to collect and update GIS data directly in the field using the power of Leica MobileMatrix.

The RTK Processing option integrates 3 main components: Surveying sensors (GPS), (Rugged) TabletPC and GIS software.

Furthermore, Leica has announced the new Leica MobileMatrix on ArcGIS Edition which runs on any installed ArcGIS Desktop 9 product (ArcView, ArcEditor or ArcInfo).

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