PROFESSIONAL GNSS/GIS SOFTWARE FOR VALUABLE DATA ACQUISITION

EZTag CE is powerful field software that enables efficient data capture and maintenance for your corporate GIS. Coupled with a GNSS receiver, EZTag CE supports high quality GNSS data capture. Both GNSS and GIS quality control are facilitated by multiple filters and GIS pickup lists, entry masks and many validations. Moreover, EZTag CE can fully comply with your database structure. The EZTag CE data dictionary lets you maintain your relational database links both in and out of the field.

EZTag CE provides many plan view features such as map-centric operation with efficient dynamic display of your GNSS data and background maps (vector and raster). Many GIS features are available such as measurements, placing features on background maps and Geo-Tagging of GIS features. If you cannot access the feature, EZTag CE lets you offset positions.

EFFORTLESS POST-PROCESSING COMPANION SOFTWARE

EZTag CE lets you collect real-time differential GNSS data, as well as the information you need to post-process the data. For higher accuracy, the rigorous algorithms of EZSurv automated post-processing software assure the best results for your surveys.

GNSS/GIS DATA COLLECTION SOFTWARE DESIGNED FOR THE PROFESSIONAL GIS COMMUNITY

- User-friendly GNSS/GIS data collection software
- Multiple GNSS settings for quality control positioning
- Vector and raster map display; automatically pan and rotate according to your direction of travel
- Only field software that supports a relational database structure through a data dictionary
- Fully compatible with EZSurv post-processing software
- Runs on multiple platforms (Windows Mobile, Windows XP, Windows Vista and Windows 7, 8, 8.1 or 10)
- Compatible with many GNSS data formats
Features

**KEY FEATURES**

- Collect point, line and polygon features
- Collect features along with attribute data
- Multiple GNSS receiver configurations and controls
- Multiple GIS functions (distance and area measurements, edit, place/draw, etc.)
- Real-time display of features, vector maps and raster maps
- Dynamic background display (ideal for navigation)
- Support for vector ESRI ShapeFiles
- Support for many raster image formats. EZTag CE also includes a Web map image cropping tool.
- Multiple views such as Plan view, Navigation view, Sky Plot view, etc.
- Layer manager (background maps and settings) and feature manager (sort and filter features)
- Mission planning utility tool
- Data dictionary utility tool to create your own data structure
- Support for relational (complex) GIS data structures
- 12 map projections and 62 predefined datums
- Status bar lets users manage satellite status, power and memory
- Available languages: English, French, Portuguese and Spanish

**GNSS ACCURACY**

- Real-time accuracy depends on GNSS correction used (SBAS/RTCM/RTK)
- Improved accuracy with EZSurv post-processing software

**EZSURV POST-PROCESSED ACCURACY**

<table>
<thead>
<tr>
<th>RECEIVER</th>
<th>KINEMATIC</th>
<th>STATIC</th>
<th>OFF</th>
</tr>
</thead>
<tbody>
<tr>
<td>Single frequency</td>
<td>sub-meter¹, sub-foot²</td>
<td>centimeter³</td>
<td>centimeter⁴</td>
</tr>
<tr>
<td>Dual frequency</td>
<td>N/A</td>
<td>centimeter³</td>
<td>centimeter⁴</td>
</tr>
</tbody>
</table>

¹ Horizontal accuracy (HRMS) requires 15-30 minutes of continuous tracking with at least 5 satellites and a PDOP better than 6. Multipath and atmospheric effects can affect this accuracy. This horizontal accuracy usually translates into 1cm +/- 2 ppm.

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**SUPPORTED GNSS DATA FORMATS**

<table>
<thead>
<tr>
<th>GNSS Formats</th>
<th>Any GNSS receivers</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hemisphere GNSS</td>
<td>All products</td>
</tr>
<tr>
<td>Navcom</td>
<td>All products</td>
</tr>
<tr>
<td>Novatel</td>
<td>All products</td>
</tr>
<tr>
<td>NVS Technologies AG</td>
<td>NV08C</td>
</tr>
<tr>
<td>Septentrio</td>
<td>All products</td>
</tr>
<tr>
<td>SiRF</td>
<td>All products</td>
</tr>
<tr>
<td>Ublox</td>
<td>TIM-LH, LEA-4T, LEA-5T, LEA-6T, NEO-M8T</td>
</tr>
</tbody>
</table>

**RECOMMENDED CONFIGURATION**

EZTag CE runs on a Windows Mobile powered Pocket PC. EZTag CE also runs on a personal computer, laptop or Tablet PC under Microsoft Windows.

**Minimal configuration of desktop computer used to run EZTag CE:**

- Desktop, laptop or tablet running Microsoft Windows XP, Vista, 7, 8, 8.1 or 10
- 100 megabytes of free storage space on disk (additional space required for the installation files)

**Minimal configuration to run EZTag CE on a mobile device:**

- Pocket PC device running Windows Mobile 2003 (or SE) or Windows Mobile 5.0 and better
- Intel ARM compatible processor running at 300 MHz or higher
- 10 megabytes of free space on disk (additional space is required for your data)
- 128 megabytes (256 megabytes recommended) of volatile memory (RAM)
- Serial communication port (Bluetooth supporting 57600 baud) for GNSS connection

**EZSURV GNSS POST-PROCESSING COMPANION SOFTWARE**

<table>
<thead>
<tr>
<th>Automation</th>
<th>Scan Internet for Base Station network, automatic batch processing</th>
</tr>
</thead>
<tbody>
<tr>
<td>GNSS Formats</td>
<td>Altus, Bad Elf, CHC, EOS Positioning, Geneq, Hemisphere GPS, Javad, Juniper Systems, Kolida, NavCom, Novatel, Pentax, RINEX, Septentrio, SiRF, South, Stonex, TechGeo, Ublox, Unistrong and others</td>
</tr>
<tr>
<td>QA Tools</td>
<td>Loop closure, configurable processing parameters, residual analysis, satellite time span rejection, network adjustment, mission planning, etc.</td>
</tr>
<tr>
<td>Base Network</td>
<td>ARGN, NRLCan, CORS, CDOS. Local and many others (open architecture to add other networks)</td>
</tr>
<tr>
<td>Versions</td>
<td>L1/L2 (dual frequency full version), L1 (L1 cm grade), Lite (sub-meter/sub-foot grade)</td>
</tr>
</tbody>
</table>

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