This revision reflects GNSS Control Panel software release 2.97

February 2018

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Effigis
4101, rue Molson, Suite 400
Montréal (Québec)
Canada H1Y 3L1

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1 Current Version

1.1 OnPOZ 2.97.351 – GNSS Control Panel // February 2018

1.1.1 New Features

- Add Bad Elf GNSS Surveyor COM8 profile.
- Add SIGHTGPS_uBlox COM4 profile.

1.1.2 Platform supported

- Computers (laptop, desktop or tablet) running Microsoft Windows XP, Windows Vista, Windows 7, Windows 8, Windows 8.1 or Windows 10;
- Windows Mobile devices running Windows Mobile 5.0 and higher.
- Can be used along with equipment from the following GNSS manufacturers:
  - Altus
  - BAP Precision
  - Eos
  - Juniper Systems
  - GENEQ
  - Hemisphere GNSS
  - Magellan (eXplorist Pro10)
  - NavCom
  - NovAtel
  - NVS Technologies AG
  - Pentax
  - Satlab (SL55, SL55+)
  - Septentrio
  - SiRF
  - TechGeo
  - u-blox

1.1.3 Known Issues

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2 Previous Versions

2.1 OnPOZ 2.97.331 – GNSS Control Panel // September 2017

2.1.1 New Features

- Add Pentax G6Ni NovAtel BT COM6 profile.

2.1.2 Platform supported

- Computers (laptop, desktop or tablet) running Microsoft Windows XP, Windows Vista, Windows 7, Windows 8, Windows 8.1 or Windows 10;
- Windows Mobile devices running Windows Mobile 5.0 and higher.
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GNSS Control Panel cannot activate the GPS if the GNSS Driver for ArcPad has already started the driver. Stop the driver in the GNSS Driver for ArcPad.

2.2 OnPOZ 2.97.301 – GNSS Control Panel // June 2017

2.2.1 New Features

• Add EOS Arrow driver.

2.2.2 Platform supported

• Computers (laptop, desktop or tablet) running Microsoft Windows XP, Windows Vista, Windows 7, Windows 8, Windows 8.1 or Windows 10;
• Windows Mobile devices running Windows Mobile 5.0 and higher.
• Can be used along with equipment from the following GNSS manufacturers:
  o Altus
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GNSS Control Panel cannot activate the GPS if the GNSS Driver for ArcPad has already started the driver.

Stop the driver in the GNSS Driver for ArcPad.

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## 2.3 OnPOZ 2.97.271 – GNSS Control Panel // April 2017

### 2.3.1 Platform supported

- Computers (laptop, desktop or tablet) running Microsoft Windows XP, Windows Vista, Windows 7, Windows 8, Windows 8.1 or Windows 10;
- Windows Mobile devices running Windows Mobile 5.0 and higher.
- Can be used along with equipment from the following GNSS manufacturers:
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### 2.3.2 Known Issues

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GNSS Control Panel cannot activate the GPS if the GNSS Driver for ArcPad has already started the driver. Stop the driver in the GNSS Driver for ArcPad. All

2.4 OnPOZ 2.97.262 – GNSS Control Panel // March 2017

2.4.1 Platform supported

- Computers (laptop or desktop) running Microsoft Windows XP, Windows Vista, Windows 7, Windows 8, Windows 8.1 or Windows 10;
- Windows Mobile devices running Windows Mobile 5.0 and higher.
- Can be used along with equipment from the following GNSS manufacturers:
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the driver.

2.5 OnPOZ 2.96.191 – GNSS Control Panel // October 2016

2.5.1 New Features

- Add new GNSS Driver: Geode.

2.5.2 Modified features

- All OnPOZ applications now display the OnPOZ installation version number (2.96.191 for instance). And for those receiving a BETA version, “BETA” is now displayed as part of the version number.

2.5.3 Platform supported

- Computers (laptop or desktop) running Microsoft Windows XP, Windows Vista, Windows 7, Windows 8, Windows 8.1 or Windows 10;
- Windows Mobile devices running Windows Mobile 5.0 and higher.
- Can be used along with equipment from the following GNSS manufacturers:
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receiver stops sending GNSS data. | Advanced to uncheck the “Turn off device if not used for…” boxes.

| GNSS Control Panel cannot activate the GPS if the GNSS Driver for ArcPad has already started the driver. | Stop the driver in the GNSS Driver for ArcPad. | All |

2.6 OnPOZ 2.96.133 – GNSS Control Panel // June 2016

2.6.1 New Features

- **GNSS Control Panel** installation is now included in the new OnPOZ installation. All OnPOZ products are now available in the same installation. Starting with 2.96, all future versions will be installed directly over the existing one. But any OnPOZ applications older than 2.96 will still need to be removed manually before installing the new version.

- **OnPOZ Documentation** is now online. This means you will always have access to the latest revision of the documentation for your specific version.

2.6.2 Platform supported

- Computers (laptop or desktop) running Microsoft Windows XP, Windows Vista, Windows 7, Windows 8, Windows 8.1 or Windows 10;

- Windows Mobile devices running Windows Mobile 5.0 and higher.

- Can be used along with equipment from the following GNSS manufacturers:
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  - NVS Technologies AG
  - Pentax
  - Satlab (SL55, SL55+)
  - Septentrio
  - SiRF
  - TechGeo
  - u-blox

2.6.3 Known Issues

<table>
<thead>
<tr>
<th>Problem</th>
<th>Solution</th>
<th>Platform</th>
</tr>
</thead>
<tbody>
<tr>
<td>On a Japanese device digits are not always accepted.</td>
<td>Use the following mode of the input panel to enter digits.</td>
<td>Windows Mobile</td>
</tr>
</tbody>
</table>
2.7 GNSS Control Panel 2.95.187.350 // August 2015

2.7.1 New Features

- This version is compatible with EZSurv® 2.95.
- Add GNSS driver for u-blox M8.

2.7.2 Platform supported

- Computers (laptop or desktop) running Microsoft Windows XP, Windows Vista, Windows 7, Windows 8, Windows 8.1 or Windows 10;
- Windows Mobile devices running Windows Mobile 5.0 and higher.
- Can be used along with equipment from the following GNSS manufacturers:
  - Altus
  - Archer
  - Effigis
  - Geneq
  - Hemisphere GNSS
  - Magellan
  - NavCom
  - NovAtel
  - Septentrio
  - SIRF
  - TechGeo
  - u-blox

2.7.3 Limitations

- Version 2.95 cannot be installed on the same PC with a different version of EZTag CE™, EZField™, EZSurv® or GNSS Driver for ArcPad.
  - To switch to a different version on your PC: (a) uninstall all OnPOZ software then (b) install the version that you wish to use.

2.7.4 Known Issues

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<tr>
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<td>On some Windows Mobile devices the GNSS receiver stops sending GNSS data.</td>
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On a Japanese device digits are not always accepted.

On some Windows Mobile devices the GNSS receiver stops sending GNSS data. This may be caused because the device is configured to turn off when not used. Use Settings > Power > Advanced to uncheck the “Turn off device if not used for...” boxes.

2.8 GNSS Control Panel 2.94.180.350 // November 2014

2.8.1 New Features

- This version is compatible with EZSurv® 2.94.
- Add GNSS drivers for Allegro 2 and Archer 2.

2.8.2 Modified Features

- The GNSS Control Panel Status Icon is no longer displayed by default on Windows Mobile today’s screen. It is still possible to add it manually.
- In the Collect page, you can set Antenna Height using the unit of your choice.

2.8.3 Platform supported

- Computers (laptop or desktop) running Microsoft Windows XP, Windows Vista, Windows 7, Windows 8 and Windows 8.1;
- Windows Mobile devices running Windows Mobile 5.0 and higher.
- Can be used along with equipment from the following GNSS manufacturers:
  - Altus
  - Archer
  - Effigis
  - Geneq
  - Hemisphere GNSS
  - Magellan
  - NavCom
  - NovAtel
  - Septentrio
  - SiRF
  - TechGeo
  - u-blox

2.8.4 Limitations

- Version 2.94 cannot be installed on the same PC with a different version of EZTag CE™, EZField™, EZSurv® or GNSS Driver for ArcPad.
2.8.5 Known Issues

<table>
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<tr>
<td></td>
<td>🇯🇵aira -&gt; q w e r t y u i o p #</td>
<td></td>
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<tr>
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<td>🇯🇵半角 z x c v b n m , . / \ ←</td>
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<td></td>
<td>元号 [ ] 字符</td>
<td></td>
</tr>
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</table>

On some Windows Mobile devices the GNSS receiver stops sending GNSS data.

This may be caused because the device is configured to turn off when not used. Use Settings > Power > Advanced to uncheck the “Turn off device if not used for...” boxes.

Windows Mobile

2.9 GNSS Control Panel 2.93.170.350 // January 2014

2.9.1 New Features

- This version is compatible with EZSurv® 2.93.
- Add support for Archer 2 receivers.

2.9.2 Modified Features

- Collecting a static project will no longer generate a POS file.

2.9.3 Platform supported

- Computers (laptop or desktop) running Microsoft Windows XP, Windows Vista, Windows 7 and Windows 8;
- Windows Mobile devices running Windows Mobile 5.0 and higher.
- Can be used along with equipment from the following GNSS manufacturers:
  - Altus
  - Archer
  - Effigis
  - Geneq
  - Hemisphere GPS
  - Magellan
  - NavCom
  - NovAtel
  - Septentrio
  - SiRF
  - TechGeo
  - u-blox
2.9.4 Limitations

- Version 2.93 cannot be installed on the same PC with a different version of EZTag CE™, EZField™, EZSurv® or GNSS Driver for ArcPad.
  - To switch to a different version on your PC: (a) uninstall all OnPOZ software then (b) install the version that you wish to use.

2.9.5 Known Issues

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<tr>
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<td>Windows Mobile</td>
</tr>
</tbody>
</table>

2.10 GNSS Control Panel 2.92.156.350 // May 2013

2.10.1 About this version

- This version is compatible with EZSurv® 2.92.

2.10.2 Modified features

- This whole package was renamed GNSS Control Panel. It used be called GNSS Mobile Services.

2.10.3 Platform supported

- Computers (laptop or desktop) running Microsoft Windows XP, Windows Vista, Windows 7 and Windows 8;
- Windows Mobile devices running Windows Mobile 5.0 and higher.
- Can be used along with equipment from the following GNSS manufacturers:
  - Altus
  - Effigis
  - Geneq
  - Hemisphere GPS
  - Magellan
  - NavCom
  - NovAtel
  - Septentrio
  - SiRF
  - TechGeo
  - u-blox
2.10.4 Limitations

- Version 2.92 cannot be installed on the same PC with a different version of EZTag CE™, EZField™, EZSurv® or GNSS Driver for ArcPad.
  - To switch to a different version on your PC: (a) uninstall all OnPOZ software then (b) install the version that you wish to use.

2.10.5 Known Issues

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<td>Windows Mobile</td>
</tr>
</tbody>
</table>

2.11 GNSS Control Panel 2.91.141.350 // October 2012

2.11.1 About this version

- This version is compatible with EZSurv® 2.91.
- This version can be installed on Windows 8 (Consumer Preview). At the time of this release, the full Windows 8 version had not been released and therefore it could not be fully tested.

2.11.2 Modified features

- Hierarchy and shortcut names in the Start > All Programs have been adjusted for consistency over all installations and all supported operating system.
- Collecting interval is now restricted to 1 or 2 seconds for kinematic/semi-kinematic and 1, 2, 5 and 10 seconds for base/static projects.

2.11.3 Removed features

- We have removed the SiRF 2.3 driver. Please use the SiRF Lite driver instead.

2.11.4 Platform supported

- Computers (laptop or desktop) running Microsoft Windows XP, Windows Vista, Windows 7 and Windows 8 (Consumer Preview);
- Windows Mobile devices running Windows Mobile 5.0 and higher.
- Can be used along with equipment from the following GNSS manufacturers:
2.11.5 Limitations

- Version 2.91 cannot be installed on the same PC with a different version of EZTag CE™, EZField™, EZSurv® or GNSS Driver for ArcPad.
  - To switch to a different version on your PC: (a) uninstall all OnPOZ software then (b) install the version that you wish to use.

2.11.6 Known Issues

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<tr>
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<tr>
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<td>か行 エ_ascii: 1 2 3 4 5 6 7 8 9 0 - ` ±</td>
<td></td>
</tr>
<tr>
<td></td>
<td>日本語エ_ascii: a b c d e f g h i j k l ; :</td>
<td></td>
</tr>
<tr>
<td></td>
<td>平行歯Ascii: z x c v b n m , / \ ±</td>
<td>Windows Mobile</td>
</tr>
</tbody>
</table>

On some Windows Mobile devices the GNSS receiver stops sending GNSS data.

- This may be caused because the device is configured to turn off when not used. Use Settings > Power > Advanced to uncheck the "Turn off device if not used for..." boxes.

2.12 GNSS Control Panel 2.90.131.350 // May 2012

2.12.1 About this version

- This version is compatible with EZSurv® 2.90.

2.12.2 Modified features

- Correct security issues on some Windows Mobile 6 devices that were preventing installation.
- Correct keyboard display and missing toolbar problems on some Windows Mobile 6.5 devices.

2.12.3 Platform supported

- Computers (laptop or desktop) running Microsoft Windows XP, Windows Vista and Windows 7;
- Windows Mobile devices running Windows Mobile 5.0 and higher.
• Can be used along with equipment from the following GNSS manufacturers:
  o Altus
  o Effigis
  o Geneq
  o Hemisphere GPS
  o Magellan
  o NavCom
  o NovAtel
  o Septentrio
  o SiRF
  o TechGeo
  o u-blox

2.12.4 Limitations

• Version 2.90 cannot be installed on the same PC with a different version of EZTag CE™, EZField™, EZSurv®, GNSS Control Panel or GNSS Driver for ArcPad.
  o To switch to a different version on your PC: (a) uninstall all OnPOZ software then (b) install the version that you wish to use.

2.12.5 Known Issues

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<td>Windows Mobile</td>
</tr>
</tbody>
</table>

2.13 GNSS Control Panel 2.89.122.350 // March 2012

2.13.1 About this version

• This version is compatible with EZSurv® 2.89.
• The HTML report after installation on your Windows Mobile device has less cryptic messages.
• Add SiRF Lite, SXBlue Bluetooth/USB and SXBlue Serial drivers.

2.13.2 Platform supported

• Computers (laptop or desktop) running Microsoft Windows XP, Windows Vista and Windows 7;
• Windows Mobile devices running Windows Mobile 5.0 and higher.
• Can be used along with equipment from the following GNSS manufacturers:
2.13.3 Limitations

- Version 2.89 cannot be installed on the same PC with a different version of EZTag CE™, EZField™, EZSurv®, GNSS Control Panel or GNSS Drive for ArcPad.
  - To switch to a different version on your PC: (a) uninstall all OnPOZ software then (b) install the version that you wish to use.

2.13.4 Known Issues

<table>
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</tr>
</thead>
</table>
| On some WM devices (v. 6+), the install may be restrained. If so, use the steps 1 to 5 described here, and then launch Installation Mobile Device as before. | 1. Download PHM Registry Editor: [http://www.freewareppc.com/utilities/phmregistryeditor.shtml](http://www.freewareppc.com/utilities/phmregistryeditor.shtml)  
2. Synchronize the mobile with the PC and copy regedit.Mrn_ARM.CAB on the mobile  
3. On the mobile, run the application (double click on the CAB file) and then start the program  
4. Navigate to HKEY_LOCAL_MACHINE\Security\Policies\Policies  
5. Find 00001001 and 0000101a, for both, double click on it and edit the Value data: type 1 | Windows Mobile |
| On a Japanese device digits are not always accepted. | Use the following mode of the input panel to enter digits. | Windows Mobile |
| On some Windows Mobile devices the GNSS receiver stops sending GNSS data. | This may be caused because the device is configured to turn off when not used. Use Settings > Power > Advanced to uncheck the "Turn off device if not used for..." boxes. | Windows Mobile |

2.14 GNSS Control Panel 2.88.109.350 // August 2011

2.14.1 New Features

- This version is compatible with EZSurv® 2.88.
2.14.2 Platforms tested

- Laptop (or desktop) computer running Microsoft Windows XP, Windows Vista or Windows 7;
- Windows Mobile Pocket PC devices running Windows Mobile 5.0, 6.0 or 6.1 (Note 1):
  - Juniper Systems Allegro MX (Windows Mobile 6.1): requires the use of a Bluetooth connection
  - Juniper Systems Archer (Windows Mobile 5.0): requires the use of a Bluetooth connection
  - HP iPAQ 210 (Windows Mobile 6.0): requires the use of a Bluetooth connection
  - HP iPAQ hx2190 (Windows Mobile 5.0): requires the use of a Bluetooth connection
  - HP iPAQ hx2790b (Windows Mobile 5.0): requires the use of a Bluetooth connection
- The following GNSS receivers can be used:
  - SubX™ receiver by Effigis;
  - NovAtel DL4 receiver;
  - NovAtel DL-V3 receiver;
  - Receivers based on u-blox LEA-4T and TIM-LH;
  - Receivers based on NovAtel OEM4/OEMV;
  - Receivers based on NovAtel OEM3;
  - Hemisphere Crescent receiver;
  - Hemisphere Eclipse receiver;
  - SXBlue receiver;
  - Socket BT GPS receiver;
  - Altus APS-3 receiver;
  - Receivers based on Septentrio RX2;
  - NavCom SF-2110 receiver;
  - NavCom SF-3050 receiver;
- The following GNSS receivers are supported, but are not certified for high-precision:
  - Garmin GPS 15L receiver;
  - Garmin GPS 16HVS and 17HVS receivers;
  - Receivers based on SIRF 2.3.

Note 1: Device based on an Intel ARM compatible 400 MHz or higher processor with at least 64 MB of RAM memory. Other devices may be supported, but need to be certified prior to use.

2.14.3 Limitations

- Version 2.88 cannot be installed on the same PC with a different version of EZTag CE™, EZField™, EZSurv® or GNSS Control Panel.
  - To switch to a different version on your PC: (a) uninstall all OnPOZ software then (b) install the version that you wish to use.

2.14.4 Known Issues

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On some Windows Mobile devices the GNSS receiver stops sending GNSS data. This may be caused because the device is configured to turn off when not used. Use Settings > Power > Advanced to uncheck the “Turn off device if not used for...” boxes.

2.15 GNSS Control Panel 2.87.104.350 // March 2011

2.15.1 New Features

- This version is compatible with EZSurv® 2.87.

2.15.2 Platforms tested

- Laptop (or desktop) computer running Microsoft Windows XP, Windows Vista or Windows 7;
- Windows Mobile Pocket PC devices running Windows Mobile 5.0, 6.0 or 6.1 (Note 1):
  - Juniper Systems Allegro MX (Windows Mobile 6.1): requires the use of a Bluetooth connection
  - Juniper Systems Archer (Windows Mobile 5.0): requires the use of a Bluetooth connection
  - HP iPAQ 210 (Windows Mobile 6.0): requires the use of a Bluetooth connection
  - HP iPAQ hx2190 (Windows Mobile 5.0): requires the use of a Bluetooth connection
  - HP iPAQ hx2790b (Windows Mobile 5.0): requires the use of a Bluetooth connection
- The following GNSS receivers can be used:
  - SubX™ receiver by Effigis;
  - NovAtel DL4 receiver;
  - NovAtel DL-V3 receiver;
  - Receivers based on u-blox LEA-4T and TIM-LH;
  - Receivers based on NovAtel OEM4/OEMV;
  - Receivers based on NovAtel OEM3;
  - Hemisphere Crescent receiver;
  - Hemisphere Eclipse receiver;
  - SXBlue receiver;
  - Socket BT GPS receiver;
  - Altus APS-3 receiver;
  - Receivers based on Septentrio RX2;
  - NavCom SF-2110 receiver;
  - NavCom SF-3050 receiver;
- The following GNSS receivers are supported, but are not certified for high-precision:
  - Garmin GPS 15L receiver;
  - Garmin GPS 16HVS and 17HVS receivers;
  - Receivers based on SIRF 2.3.

Note 1: Device based on an Intel ARM compatible 400 MHz or higher processor with at least 64 MB of RAM memory. Other devices may be supported, but need to be certified prior to use.

2.15.3 Limitations

- Version 2.87 cannot be installed on the same PC with a different version of EZTag CE™, EZField™, EZSurv® or GNSS Control Panel.
  - To switch to a different version on your PC: (a) uninstall all OnPOZ software then (b) install the version that you wish to use.
2.15.4 Known Issues

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<td>Windows Mobile</td>
</tr>
</tbody>
</table>

2.16 GNSS Control Panel 2.86.95.350 // September 2010

2.16.1 New Features

- This version is compatible with EZSurv® 2.86.

2.16.2 Platforms tested

- Laptop (or desktop) computer running Microsoft Windows XP, Windows Vista or Windows 7;
- Windows Mobile Pocket PC devices running Windows Mobile 5.0, 6.0 or 6.1 (Note 1):
  - Juniper Systems Allegro MX (Windows Mobile 6.1): requires the use of a Bluetooth connection
  - Juniper Systems Archer (Windows Mobile 5.0): requires the use of a Bluetooth connection
  - HP iPAQ 210 (Windows Mobile 6.0): requires the use of a Bluetooth connection
  - HP iPAQ hx2190 (Windows Mobile 5.0): requires the use of a Bluetooth connection
  - HP iPAQ hx2790b (Windows Mobile 5.0): requires the use of a Bluetooth connection
- The following GNSS receivers can be used:
  - SubX™ receiver by Effigis
  - NovAtel DL4 receiver
  - NovAtel DL-V3 receiver
  - Receivers based on u-blox LEA-4T and TIM-LH
  - Receivers based on NovAtel OEM4/OEMV
  - Receivers based on NovAtel OEM3
  - Hemisphere Crescent receiver
  - Hemisphere Eclipse receiver
  - SXBlue receiver
  - Socket BT GPS receiver
  - Altus APS-3 receiver
  - Receivers based on Septentrio RX2
  - NavCom SF-2110 receiver
  - NavCom SF-3050 receiver
- The following GNSS receivers are supported, but are not certified for high-precision:
  - Garmin GPS 15L receiver
  - Garmin GPS 16HVS and 17HVS receivers
  - Receivers based on SIRF 2.3
Note 1: Device based on an Intel ARM compatible 400 MHz or higher processor with at least 64 MB of RAM memory. Other devices may be supported, but need to be certified prior to use.

2.16.3 Limitations

- Version 2.86 cannot be installed on the same PC with a different version of EZTag CE™, EZField™, EZSurv® or GNSS Control Panel.
  - To switch to a different version on your PC: (a) uninstall all OnPOZ software then (b) install the version that you wish to use.

2.16.4 Known Issues

<table>
<thead>
<tr>
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<td>Windows Mobile</td>
</tr>
</tbody>
</table>

2.17 GNSS Control Panel 2.85.91.350 // July 2010

2.17.1 New Features

- This version is compatible with EZSurv® 2.85.

2.17.2 Platforms tested

- Laptop (or desktop) computer running Microsoft Windows XP, Windows Vista or Windows 7;
- Windows Mobile Pocket PC devices running Windows Mobile 5.0, 6.0 or 6.1 (Note 1):
  - Juniper Systems Allegro MX (Windows Mobile 6.1): requires the use of a Bluetooth connection
  - Juniper Systems Archer (Windows Mobile 5.0): requires the use of a Bluetooth connection
  - HP iPAQ 210 (Windows Mobile 6.0): requires the use of a Bluetooth connection
  - HP iPAQ hx2190 (Windows Mobile 5.0): requires the use of a Bluetooth connection
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- The following GNSS receivers can be used:
  - SubX™ receiver by Effigis;
  - NovAtel DL4 receiver;
  - NovAtel DL-V3 receiver;
  - Receivers based on u-blox LEA-4T and TIM-LH;
  - Receivers based on NovAtel OEM4/OEMV;
  - Receivers based on NovAtel OEM3;
  - Hemisphere Crescent receiver;
2.17.3 Limitations

- Version 2.85 cannot be installed on the same PC with a different version of EZTag CE™, EZField™, EZSurv® or GNSS Control Panel.
  - To switch to a different version on your PC: (a) uninstall all OnPOZ software then (b) install the version that you wish to use.

2.17.4 Known Issues

<table>
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<tr>
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<td>Windows Mobile</td>
</tr>
</tbody>
</table>

2.18 GNSS Control Panel 2.80.88.350 // March 2010

2.18.1 New Features

- This version is compatible with EZSurv® 2.80.
- This version runs properly in user mode. This means it no longer requires turning off User Account Control (UAC) on Microsoft Vista or Windows 7.

2.18.2 Platforms tested

- Laptop (or desktop) computer running Microsoft Windows XP, Windows Vista or Windows 7;
- Windows Mobile Pocket PC devices running Windows Mobile 5.0, 6.0 or 6.1 (Note 1):
**Release Notes**

- The following GNSS receivers can be used:
  - SubX™ receiver by Effigis;
  - NovAtel DL4 receiver;
  - NovAtel DL-V3 receiver;
  - Receivers based on u-blox LEA-4T and TIM-LH;
  - Receivers based on NovAtel OEM4/OEMV;
  - Receivers based on NovAtel OEM3;
  - Hemisphere Crescent receiver;
  - Hemisphere Eclipse receiver;
  - SXBlue receiver;
  - Socket BT GPS receiver;
  - Altus APS-3 receiver;
  - Receivers based on Septentrio RX2;
  - NavCom SF-2110 receiver;
  - NavCom SF-3050 receiver;

- The following GNSS receivers are supported, but are not certified for high-precision:
  - Garmin GPS 15L receiver;
  - Garmin GPS 16HVS and 17HVS receivers;
  - Receivers based on SIRF 2.3.

*Note 1: Device based on an Intel ARM compatible 400 MHz or higher processor with at least 64 MB of RAM memory. Other devices may be supported, but need to be certified prior to use.*

**2.18.3 Limitations**

- GNSS Control Panel version 2.80 cannot be installed on the same computer with a version of EZTag CE™ or EZField™ different than 2.80.
  - To switch to a different version on your PC: (a) uninstall all OnPOZ software (EZTag CE™, EZField™ or EZSurv®) then (b) install the version that you wish to use.

**2.18.4 Known Issues**

<table>
<thead>
<tr>
<th>Problem</th>
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<tr>
<td>On some Windows Mobile devices the GNSS receiver stops sending GNSS data.</td>
<td>This may be caused because the device is configured to turns off when not used. Use Settings &gt; Power &gt; Advanced to uncheck the “Turn off device if not used for…” boxes.</td>
<td>Windows Mobile</td>
</tr>
</tbody>
</table>
2.19 GNSS Control Panel 2.71.76.350 // December 2009

2.19.1 New Features

- This version is compatible with EZSurv® 2.71.

2.19.2 Platforms tested

- Laptop (or desktop) computer running Microsoft Windows XP, Windows Vista or Windows 7;
- Windows Mobile Pocket PC devices running Windows Mobile 5.0, 6.0 or 6.1 (Note 1):
  - Juniper Systems Allegro MX (Windows Mobile 6.1): requires the use of a Bluetooth connection
  - Juniper Systems Archer (Windows Mobile 5.0): requires the use of a Bluetooth connection
  - HP iPAQ 210 (Windows Mobile 6.0): requires the use of a Bluetooth connection
  - HP iPAQ hx2190 (Windows Mobile 5.0): requires the use of a Bluetooth connection
  - HP iPAQ hx2790b (Windows Mobile 5.0): requires the use of a Bluetooth connection
- The following GNSS receivers can be used:
  - SubX™ receiver by Effigis;
  - NovAtel DL4 receiver;
  - NovAtel DL-V3 receiver;
  - Receivers based on u-blox LEA-4T and TIM-LH;
  - Receivers based on NovAtel OEM4/OEMV;
  - Receivers based on NovAtel OEM3;
  - Hemisphere Crescent receiver;
  - Hemisphere Eclipse receiver;
  - SXBlue receiver;
  - Socket BT GPS receiver;
  - Altus APS-3 receiver;
  - Receivers based on Septentrio RX2;
  - NavCom SF-2110 receiver;
  - NavCom SF-3050 receiver;
- The following GNSS receivers are supported, but are not certified for high-precision:
  - Garmin GPS 15L receiver;
  - Garmin GPS 16HVS and 17HVS receivers;
  - Receivers based on SIRF 2.3.

Note 1: Device based on an Intel ARM compatible 400 MHz or higher processor with at least 64 MB of RAM memory. Other devices may be supported, but need to be certified prior to use.

2.19.3 Limitations

- GNSS Control Panel version 2.71 cannot be installed on the same computer with a version of EZTag CE™ or EZField™ different than 2.71.
  - To switch to a different version on your PC: (a) uninstall all OnPOZ software (EZTag CE™, EZField™ or EZSurv®) then (b) install the version that you wish to use.

2.19.4 Known Issues

<table>
<thead>
<tr>
<th>Problem</th>
<th>Solution</th>
<th>Platform</th>
</tr>
</thead>
<tbody>
<tr>
<td>On a Japanese device digits are not always</td>
<td>Use the following mode of the input panel to enter</td>
<td>Windows Mobile</td>
</tr>
</tbody>
</table>
Accepted.

On some Windows Mobile devices the GNSS receiver stops sending GNSS data.

This may be caused because the device is configured to turn off when not used. Use Settings > Power > Advanced to uncheck the “Turn off device if not used for…” boxes.

Some applications don’t start or don’t behave correctly on Windows Vista.

This may caused by the User Account Control (UAC) on Windows Vista. The workaround is to turn off UAC as follows:

- From the Control Panel, select User Accounts then Turn User Account Control on or off
- Uncheck the box entitled Use User Account Control (UAC) to help protect your computer

Some applications don’t start or don’t behave correctly on Windows 7.

This may caused by the User Account Control (UAC) on Windows 7. The workaround is to turn off UAC as follows:

- From the Control Panel, select User Accounts then Change User Account Control settings
- Drag the slider down to Never notify

2.20  GNSS Control Panel 2.70.74.350 // November 2009

2.20.1  New Features

- This version is compatible with EZSurv® 2.70.
- New driver for the NavCom SF-3050 receiver, provided as a technology preview.

2.20.2  Platforms tested

- Laptop (or desktop) computer running Microsoft Windows XP, Windows Vista or Windows 7;
- Windows Mobile Pocket PC devices running Windows Mobile 5.0, 6.0 or 6.1 (Note 1):
  - Juniper Systems Allegro MX (Windows Mobile 6.1): requires the use of a Bluetooth connection
  - Juniper Systems Archer (Windows Mobile 5.0): requires the use of a Bluetooth connection
  - HP iPAQ 210 (Windows Mobile 6.0): requires the use of a Bluetooth connection
  - HP iPAQ hx2190 (Windows Mobile 5.0): requires the use of a Bluetooth connection
  - HP iPAQ hx2790b (Windows Mobile 5.0): requires the use of a Bluetooth connection
- The following GNSS receivers can be used:
  - SubX™ receiver by Effigis;
  - NovAtel DL4 receiver;
  - NovAtel DL-V3 receiver;
  - Receivers based on u-blox LEA-4T and TIM-LH;
Receivers based on NovAtel OEM4/OEMV;
Receivers based on NovAtel OEM3;
Hemisphere Crescent receiver;
Hemisphere Eclipse receiver;
SXBlue receiver;
Socket BT GPS receiver;
Altus APS-3 receiver;
Receivers based on Septentrio RX2;
NavCom SF-2110 receiver;
NavCom SF-3050 receiver;
- The following GNSS receivers are supported, but are not certified for high-precision:
  - Garmin GPS 15L receiver;
  - Garmin GPS 16HVS and 17HVS receivers;
  - Receivers based on SIRF 2.3.

Note 1: Device based on an Intel ARM compatible 400 MHz or higher processor with at least 64 MB of RAM memory. Other devices may be supported, but need to be certified prior to use.

2.20.3 Limitations

- GNSS Control Panel version 2.70 cannot be installed on the same computer with a version of EZTag CE™ or EZField™ different than 2.70.
  - To switch to a different version on your PC: (a) uninstall all OnPOZ software (EZTag CE™, EZField™, EZSurv® or Graphics) then (b) install the version that you wish to use.

2.20.4 Known Issues

<table>
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<tr>
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<th>Solution</th>
<th>Platform</th>
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<tbody>
<tr>
<td>On a Japanese device digits are not always accepted.</td>
<td>Use the following mode of the input panel to enter digits.</td>
<td>Windows Mobile</td>
</tr>
<tr>
<td>On some Windows Mobile devices the GNSS receiver stops sending GNSS data.</td>
<td>This may be caused because the device is configured to turns off when not used. Use Settings &gt; Power &gt; Advanced to uncheck the “Turn off device if not used for...” boxes.</td>
<td>Windows Mobile</td>
</tr>
<tr>
<td>Some applications don’t start or don’t behave correctly on Windows Vista.</td>
<td>This may caused by the User Account Control (UAC) on Windows Vista. The workaround is to turn off UAC as follows:</td>
<td>Windows Vista</td>
</tr>
<tr>
<td></td>
<td>• From the Control Panel, select User Accounts then Turn User Account Control on or off.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Uncheck the box entitled Use User Account Control (UAC) to help protect your computer.</td>
<td></td>
</tr>
<tr>
<td>Some applications don’t start or don’t behave correctly on Windows 7.</td>
<td>This may caused by the User Account Control (UAC) on Windows 7. The workaround is to turn off UAC as</td>
<td>Windows 7</td>
</tr>
</tbody>
</table>
2.21 GNSS Control Panel 2.60.37.350 // August 2009

2.21.1 New Features

• This version is compatible with EZSurv® 2.60.
• New driver for the NavCom SF-2110 receiver, provided as a technology preview.
• The Crescent driver now also supports the Eclipse receiver as a technology preview.

2.21.2 Platforms tested

• Laptop (or desktop) computer running Microsoft Windows XP or Vista;
• Windows Mobile Pocket PC devices running Windows Mobile 5.0, 6.0 or 6.1 (Note 1):
  o Juniper Systems Allegro MX (Windows Mobile 6.1): requires the use of a Bluetooth connection
  o Juniper Systems Archer (Windows Mobile 5.0): requires the use of a Bluetooth connection
  o HP iPAQ 210 (Windows Mobile 6.0): requires the use of a Bluetooth connection
  o HP iPAQ hx2190 (Windows Mobile 5.0): requires the use of a Bluetooth connection
  o HP iPAQ hx2790b (Windows Mobile 5.0): requires the use of a Bluetooth connection
• The following GNSS receivers can be used:
  o SubX™ receiver by Effigis;
  o NovAtel DL4 receiver;
  o NovAtel DL-V3 receiver;
  o Receivers based on u-blox LEA-4T and TIM-LH;
  o Receivers based on NovAtel OEM4/OEMV;
  o Receivers based on NovAtel OEM3;
  o Hemisphere Crescent receiver;
  o Hemisphere Eclipse receiver;
  o SXBlue receiver;
  o Socket BT GPS receiver;
  o Altus APS-3 receiver;
  o Receivers based on Septentrio RX2;
  o NavCom SF-2110 receiver.
• The following GNSS receivers are supported, but are not certified for high-precision:
  o Garmin GPS 15L receiver;
  o Garmin GPS 16HVS and 17HVS receivers;
  o Receivers based on SIRF 2.3.

Note 1: Device based on an Intel ARM compatible 400 MHz or higher processor with at least 64 MB of RAM memory. Other devices may be supported, but need to be certified prior to use.

2.21.3 Limitations

• GNSS Control Panel version 2.60 cannot be installed on the same computer with a version of EZTag CE™ or EZField™ different than 2.60.
To switch to a different version on your PC: (a) uninstall all OnPOZ software (EZTag CE™, EZField™, EZSurv® or Graphics) then (b) install the version that you wish to use.

2.21.4 Known Issues

<table>
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<tr>
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</tr>
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<td>This may be caused because the device is configured to turn off when not used. Use Settings &gt; Power &gt; Advanced to uncheck the “Turn off device if not used for…” boxes.</td>
<td>Windows Mobile</td>
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<td>Some applications don’t start or don’t behave correctly on Windows Vista.</td>
<td>This may caused by the User Account Control (UAC) on Windows Vista. The workaround is to turn off UAC as follows:</td>
<td>Windows Vista</td>
</tr>
<tr>
<td></td>
<td>• From the Control Panel, select User Accounts then Turn User Account Control on or off</td>
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</tr>
<tr>
<td></td>
<td>• Uncheck the box entitled Use User Account Control (UAC) to help protect your computer</td>
<td></td>
</tr>
</tbody>
</table>

2.22 GNSS Control Panel 2.55.1107 // March 2009

2.22.1 About this version

- This is the first version of the GNSS Control Panel.

2.22.2 Platforms tested

- Laptop (or desktop) computer running Microsoft Windows XP or Vista;
- Windows Mobile Pocket PC devices running Windows Mobile 5.0, 6.0 or 6.1 (Note 1):
  - Juniper Systems Allegro MX (Windows Mobile 6.1): requires the use of a Bluetooth connection
  - Juniper Systems Archer (Windows Mobile 6.1): requires the use of a Bluetooth connection
  - HP iPAQ 210 (Windows Mobile 6.0): requires the use of a Bluetooth connection
  - HP iPaq hx2190 (Windows Mobile 5.0): requires the use of a Bluetooth connection
  - HP iPaq hx2790b (Windows Mobile 5.0): requires the use of a Bluetooth connection
- The following GNSS receivers can be used:
  - SubX™ receiver by Effigis;
  - NovAtel DL4 receiver;
  - NovAtel DL-V3 receiver;
  - Receivers based on u-blox LEA-4T and TIM-LH;
  - Receivers based on NovAtel OEM4/OEMV;
  - Receivers based on NovAtel OEM3;
- Hemisphere Crescent receiver;
- Hemisphere Eclipse receiver;
- SXBlue receiver;
- Socket BT GPS receiver;
- The following GNSS receivers are supported as an early technology preview:
  - Altus APS-3 receiver;
  - Receivers based on Septentrio RX2;
- The following GNSS receivers are supported, but are not certified for high-precision:
  - Garmin GPS 15L receiver;
  - Garmin GPS 16HVS and 17HVS receivers;
  - Receivers based on SIRF 2.3.

*Note 1: Device based on an Intel ARM compatible 400 MHz or higher processor with at least 64 MB of RAM memory. Other devices may be supported, but need to be certified prior to use.*

2.22.3 Limitations

- GNSS Control Panel version 2.55 cannot be installed on the same computer with a version of EZTag CE™ or EZField™ different than 2.55.
  - To switch to a different version on your PC: (a) uninstall all OnPOZ software (EZTag CE™, EZField™, EZSurv® or Graphics) then (b) install the version that you wish to use.
- We recommend the use of EZSurv® 2.55. However data collected with GNSS Control Panel version 2.55 is compatible with EZSurv® version 2.51 or later.

2.22.4 Known Issues

<table>
<thead>
<tr>
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<tr>
<td>On some Windows Mobile devices the GNSS receiver stops sending GNSS data.</td>
</tr>
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</table>

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<td>This may be caused because the device is configured to turns off when not used. Use <strong>Settings &gt; Power &gt; Advanced</strong> to uncheck the “Turn off device if not used for…” boxes.</td>
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<table>
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<th>Platform</th>
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<tbody>
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</tr>
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