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TerraSync Software Version 3.00— Frequently Asked Questions and Answers

What is new in the TerraSync software version 3.00?

Version 3.00 is an exciting new version of the TerraSync™ software. It provides support for new background map formats and functionality, and for the Microsoft® Windows Vista™ operating system. The TerraSync software version 3.00 continues to be available in two editions: Professional and Standard.

What are the differences between the Professional and Standard editions of the TerraSync software?

The Professional edition of the TerraSync software is a fully featured product, designed for high quality GIS data collection and ongoing data maintenance. The Standard edition is an ideal solution for collecting new GIS data, and therefore does not support the following functions:

- upload of data from an existing GIS database
- use of (raster or vector) background data in the map display
- connection to an Internet Map Server
- data input from a laser rangefinder
- data input from an external sensor

What are the major new features in the TerraSync software version 3.00?

The TerraSync software version 3.00 adds support for the Microsoft Windows Vista operating system and 64-bit versions of Windows Vista and XP, allowing use on more PCs, laptops, and pen computing devices.

In addition to the new platforms supported, there are significant map enhancements, and a number of new data collection and maintenance enhancements, as described below.

Trimble Navigation Limited, 10355 Westmoor Drive, Suite #100, Westminster, CO 80021, USA

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Display enhancements:

- Use of ECW, MrSID Gen 3, and JPEG 2000 image files as background data in the map display.
- Use of waypoint file data in its own layer.
- Use of multiple, seamless, overlay images in the background at once.
- Even faster map display

Data collection and maintenance enhancements:

- Nesting of point features within lines and areas is now supported with a dedicated point Nesting function. The existing Continue/Resume functionality remains available, so users can nest points using either method.
- Waypoints can be created in the field, or in the GPS Pathfinder® Office software version 4.00 and imported into the field device using native Data Transfer waypoint file support, allowing efficient navigation to and between features.

Are all of these features available in both the Professional and Standard editions of the TerraSync software?

No, while the TerraSync Professional edition software supports all of the new functionality described above, the Standard edition does not support background imagery. The TerraSync Standard edition software does, however, support waypoints, including the transfer of waypoint files from the GPS Pathfinder Office software version 3.00.

How do I get new waypoints?

Waypoint files can be created within the TerraSync software version 3.00 in the field or transferred from GPS Pathfinder Office software version 4.00. Waypoint files (.wpt) can be transferred to and from either the Professional or Standard editions of the TerraSync software, version 3.00 and later. The Data Transfer utility now specifically supports .wpt waypoint files.

How do I use waypoints?

To use waypoints, open the waypoint (.wpt) file containing the waypoints in the Navigation section of the TerraSync software. The waypoints in the selected file are listed in the Waypoints screen in the Navigation section and can be individually selected as the navigation target.

Waypoints are also displayed in their own layer in the Map section, and can be individually selected from the Map as the navigation target.

What field devices does the TerraSync software version 3.00 support?

The TerraSync software version 3.00 supports a number of different field computers, including Windows® and Windows CE devices. See Trimble's website at <http://www.trimble.com/terrasync.shtml> for an up-to-date list of supported platforms and tested devices.

What are the minimum hardware specifications for the TerraSync software version 3.00?

The TerraSync software version 3.00 hardware requirements are different for Windows and Windows Mobile® platforms. For the most current hardware specifications, see the Trimble website at <http://www.trimble.com/terrasync.shtml>.

What versions of the Windows operating system does TerraSync software version 3.00 support?

The TerraSync software version 3.00 supports Windows 2000, XP (Home, Professional, and Tablet PC editions), and Vista (Home Basic, Home Premium, Business, Ultimate, and Enterprise editions).

Which version of the GPS Pathfinder Office software do I need to use the TerraSync software version 3.00?

You will need to upgrade to the GPS Pathfinder Office software version 4.00 to continue being able to transfer and process files for the TerraSync software version 3.00.

Which version of the Data Transfer Utility software do I need to use the TerraSync software version 3.00 with the Trimble GPS Analyst extension for ESRI ArcGIS software version 2.00?

You will need to download and install the standalone Data Transfer Utility software version 1.30 to be able to transfer files between the Trimble® GPS Analyst™ extension version 2.00 and the TerraSync software version 3.00.

What is MrSID Gen 3 imagery?

MrSID Gen 3 is an image compression format from LizardTech, Inc. The MrSID Gen 3 imaging format allows compression of large images to a fraction of their original size. MrSID Gen 3 is designed specifically for users with large files needing fast access to their images, without compromising image quality. MrSID Gen 3 imaging format is supported as a background file format in the TerraSync Professional edition software version 3.00.

What is ECW imagery?

Enhanced Compression Wavelet (ECW) is an image compression format from Earth Resource Mapping Limited. The ECW imaging format allows compression of large images to a fraction of their original size. ECW is designed specifically for users with large files needing fast access to their images, without compromising image quality. ECW imaging format is supported as a background file format in the TerraSync Professional edition software version 3.00.

What is JPEG 2000 imagery?

JPEG 2000 is a wavelet-based image compression standard. It was created by the Joint Photographic Experts Group committee with the intention of superseding their original discrete cosine transform-based JPEG standard. The usual file extensions are .jp2 and .j2c. JPEG 2000 imaging format is supported as a background file format in the TerraSync Professional edition software version 3.00.

What GPS receivers are supported by the TerraSync software version 3.00?

The TerraSync software version 3.00 supports the following GPS receivers:

- GeoXH™ handheld
- GeoXT™ handheld
- GeoXM™ handheld
- GPS Pathfinder ProXT™ receiver
- GPS Pathfinder ProXH™ receiver
- GPS Pathfinder Pro XRS receiver
- GPS Pathfinder XB receiver
- GPS Pathfinder XC receiver
- Trimble Recon® GPS XB edition
- Trimble Recon GPS XC edition
- Trimble 5800 receiver
- Trimble R8 receiver

Can existing TerraSync software users upgrade to version 3.00?

Yes, an upgrade path is available for customers with a current TerraSync software support agreement. If you purchased a previous version of the TerraSync software on or after 7 December 2006, or have current maintenance support, you will be eligible for a free upgrade to version 3.00. This upgrade will be available to download from Trimble's website at http://www.trimble.com/terrasync_ts.asp.

Does my existing installation code work with TerraSync software version 3.00?

Yes, provided you are upgrading from the TerraSync software version 2.6x and are eligible to upgrade.

When will the TerraSync software version 3.00 be available?

The GPS TerraSync software version 3.00 was announced on 7 March 2007. Shipments of version 3.00 software will commence on 19 March 2007.

What is included in the TerraSync software kit?

When you purchase the TerraSync software version 3.00, you receive the following:

- The software on CD-ROM
- A Proof-of-Purchase Number (POPEN)
- A printed Getting Started Guide
- Printed Release Notes

Online documentation and support continue to be available.

Is a hard-copy manual available for the TerraSync software version 3.00?

No. However, the TerraSync software version 3.00 has full context-sensitive on-line documentation. The CD-ROM also includes printable documentation in PDF format.

In what languages is the TerraSync software version 3.00 available?

The software is available in English, Chinese (Simplified), French, German, Italian, Japanese, Korean, Portuguese (Brazilian), Russian, and Spanish. The TerraSync software Getting Started Guide is available in English and Spanish. The TerraSync software Help files, and Release Notes are available only in English.

What is the TerraSync software web Updater?

The Web updater is an automated service for obtaining and installing TerraSync software updates, language files, and documentation via the Internet. Simply select the 'Download/Install updates' option from the TerraSync CD menu and follow the on-screen instructions. Note: the field device with the TerraSync software installed does not need to be in the cradle when this occurs as the software will be updated the next time the device is placed in the cradle.

What type of support is available for the TerraSync software?

TerraSync Professional edition software now ships with one-year of software maintenance as standard. Further one- and two-year software maintenance extensions can be purchased.

TerraSync Standard edition software still ships with 90-days' software maintenance as standard. An optional 9-month software maintenance extension is also available at time of purchase.

What other sources of information are available for the TerraSync software version 3.00?

Further information on the TerraSync software version 3.00 can be found in the following places:

- <http://www.trimble.com/terrasync.shtml> —technical specifications, supported platforms and tested devices, technical notes, and evaluation software.
- http://www.timble.com/terrasync_ts.asp —information on obtaining documentation and language file downloads, as well as support notes.
- TerraSync software version 3.00 Product Bulletin