

RELEASE NOTES

GPS Pathfinder Office software

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Legal Notices

For a complete list of all relevant legal notices regarding this product, please refer to the *GPS Pathfinder Office Software Getting Started Guide*.

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This product is covered by the following patents: 6,144,335 and 5,928,306.

Release Notice

This is the December 2009 release (Revision A) of the *GPS Pathfinder Office Software Release Notes*, part number 34195-34. It applies to version 4.20 of the GPS Pathfinder Office software.

Introduction

Welcome to version 4.20 of the Trimble® GPS Pathfinder® Office software. This release of the GPS Pathfinder Office software contains a number of important additions and changes. Please read these release notes carefully.

When you install the GPS Pathfinder Office software version 4.20, you must choose the language that the Setup program will use to run the installation of the software. To run the GPS Pathfinder Office software version 4.20 in a language other than English, you must download and install the appropriate language files, if available, from the Trimble website. The GPS Pathfinder Office Updater utility will help you do this; it runs towards the end of the installation process.

Similarly, to run the GPS Pathfinder Office Software Help in a language other than English, you must download and install the appropriate Help files, if available, from the Trimble website. The GPS Pathfinder Office Updater utility will display any available Help files.

The following sections contain introductory information for several languages. Further release notes in English follow these sections.

Español

Bienvenidos al software GPS Pathfinder® Office 4.20. Esta versión del software GPS Pathfinder Office contiene varias adiciones y modificaciones importantes. Se ruega que lea estas notas de lanzamiento del software con atención.

Cuando instale el software GPS Pathfinder Office 4.20, deberá elegir el idioma a utilizar por el programa de instalación para ejecutar la instalación del software. Para ejecutar el software GPS Pathfinder Office 4.20 en otro idioma distinto del inglés, deberá descargar del sitio web de Trimble los archivos de idioma pertinentes e instalarlos en su computadora. La utilidad GPS Pathfinder Office Updater le ayudará a hacerlo; ésta se ejecuta en la fase final del proceso de instalación.

De forma similar, para ejecutar la ayuda de GPS Pathfinder Office 4.20 en otro idioma que no sea el inglés, deberá descargar del sitio web de Trimble los archivos de ayuda pertinentes e instalarlos en su computadora. La utilidad GPS Pathfinder Office Updater mostrará los archivos de ayuda disponibles. La ayuda está disponible en inglés, español, francés, alemán, japonés y portugués.

Português

Bem-vindo ao software GPS Pathfinder® Office 4.20. Este lançamento do software GPS Pathfinder Office contém uma série de importantes acréscimos e mudanças. Leia estas notas com cuidado.

Ao instalar o software GPS Pathfinder Office 4.20, deve-se escolher o idioma que o programa Configuração usará para executar a instalação do software. Para executar o software GPS Pathfinder Office 4.20 num idioma que não seja o inglês, deve-se fazer um download e aplicar os arquivos apropriados do idioma a partir do site de Internet da Trimble. A utilidade Updater do GPS Pathfinder Office o ajudará fazer isso quando é executada na parte final do processo da instalação.

Igualmente, para executar a Ajuda do GPS Pathfinder Office 4.20 num idioma que não seja o inglês, deve-se fazer um download e aplicar os arquivos de Ajuda apropriados a partir do site de Internet da Trimble. A utilidade Updater do GPS Pathfinder Office exibirá os arquivos de Ajuda disponíveis. A Ajuda está disponível em inglês, francês, alemão, japonês, português e espanhol.

Français

Bienvenue dans le logiciel GPS Pathfinder® Office 4.20. Cette version du logiciel GPS Pathfinder Office comprend quelques additions et modifications importantes. Veuillez lire ces notes de version attentivement.

Lors de l'installation du logiciel GPS Pathfinder Office 4.20, il faut choisir quelle langue le programme d'installation utilisera pour exécuter l'installation du logiciel. Afin d'exécuter le logiciel GPS Pathfinder Office 4.20 dans une langue autre que l'anglais, vous devez télécharger et

appliquer les fichiers de langue appropriés du site Web de Trimble. Le utilitaire Updater de GPS Pathfinder Office vous aidera à le faire; il s'exécute vers la fin du procédé d'installation.

Egalement, afin d'exécuter l'Aide de GPS Pathfinder Office 4.20 dans une langue autre que l'anglais, il faut télécharger et appliquer les fichier d'aide appropriés du site Web Trimble. L'utilitaire Updater de GPS Pathfinder Office affichera les fichiers d'aide disponibles. L'Aide est disponible en anglais, français, allemand, portugais, japonais et espagnol.

Deutsch

Willkommen zur GPS Pathfinder® Office 4.20-Software. Diese Ausgabe der GPS Pathfinder Office-Software enthält eine Anzahl wichtiger Ergänzungen und Änderungen. Bitte lesen Sie diese Ausgabehinweise sorgfältig.

Wenn Sie die GPS Pathfinder Office 4.20-Software installieren, müssen Sie die Sprache wählen, die das Setup-Programm verwenden soll, um die Installation der Software auszuführen. Um die GPS Pathfinder Office 4.20-Software in einer anderen Sprache als Englisch auszuführen, müssen Sie die entsprechenden Sprachdateien von der Trimble-Webseite herunterladen und installieren. Das Updater-Programm für GPS Pathfinder Office hilft Ihnen dabei; es wird am Ende des Installationsvorganges ausgeführt.

Um die Hilfe von GPS Pathfinder Office 4.20 in einer anderen Sprache als Englisch auszuführen, müssen Sie die entsprechenden Hilfedateien auf die gleiche Weise von der Trimble-Webseite herunterladen und installieren. Das Updater-Programm für GPS Pathfinder Office zeigt die verfügbaren Hilfedateien an. Hilfe ist verfügbar in deutsch, englisch, französisch, japanisch, portugiesisch und spanisch.

Русская версия

Добро пожаловать в наш программный продукт GPS Pathfinder® Office 4.20. Эта реализация продукта GPS Pathfinder Office содержит несколько важных дополнений и изменений. Просим вас внимательно прочесть эти замечания.

Когда вы устанавливаете продукт GPS Pathfinder Office 4.20, вам следует выбрать язык, который будет использоваться при работе установочной программы. Для обеспечения работы продукта GPS Pathfinder Office 4.20 на любом языке, кроме английского, вы должны загрузить соответствующие файлы языковой поддержки из веб-сайта Trimble. Утилита GPS Pathfinder Office Updater поможет вам это сделать; она работает до конца установочного процесса.

Подобным образом для работы GPS Pathfinder Office 4.20 Help на любом языке, кроме английского, вам следует загрузить и применить соответствующие файлы Help (Помощь) из веб-сайта Trimble. Утилита GPS Pathfinder Office Updater покажет имеющиеся файлы Help. Помощь доступна на английском, французском, немецком, японском, португальском и испанском языках.

日本語での紹介

GPS Pathfinder® Office 4.20 ソフトウェアによるこそ。GPS Pathfinder Office ソフトウェアの今回のリリースには、数多くの追加や変更が含まれています。リリースノートをしていねいにお読みください。

GPS Pathfinder Office 4.20 ソフトウェアのインストール時には、セットアッププログラムがソフトウェアのインストールを実行するのに使用する言語を選択する必要があります。GPS Pathfinder Office 4.20 ソフトウェアを英語以外の言語で実行するには、トリンブル社のウェブサイトから適切な言語ファイルを

다운로드して適用する必要があります。新しい GPS Pathfinder Office Updater 유틸리티가これを行うための手助けとなります。それはインストール手順の後半に実行されます。

それと同様に、GPS Pathfinder Office 4.20 ヘルプを英語以外の言語で実行するには、トリンブル社のウェブサイトから適切なヘルプファイルをダウンロードして適用する必要があります。GPS Pathfinder Office Updater 유틸리티が利用可能なヘルプファイルを表示します。ヘルプは、日本語、英語、フランス語、ドイツ語、ポルトガル語、スペイン語で利用可能です。

한국어 안내

GPS Pathfinder Office 4.20 소프트웨어를 이용해 주셔서 감사합니다. 이번에 출시된 버전에는 중요한 사항이 많이 추가/변경되었습니다. 이 릴리스 노트를 숙독하시기 바랍니다.

GPS Pathfinder Office 4.20 소프트웨어를 설치할 때, 이 설치 작업에 쓸 언어를 반드시 선택하여야 합니다. 영어 이외의 다른 언어로 GPS Pathfinder Office 4.20 소프트웨어를 실행하기 위해서는 해당 언어 파일을 Trimble 웹사이트에서 다운로드 받아 적용하여야만 합니다. 이 일은 설치 작업의 최종 단계에서 구동하게 되는 새 GPS Pathfinder Office Updater 유틸리티를 이용하여 처리하면 편리합니다.

마찬가지로, 영어 이외의 다른 언어로 GPS Pathfinder Office 4.20 도움말을 실행하려면 해당 도움말 파일을 Trimble 웹사이트에서 다운로드 받아 적용하여야만 합니다. 이용 가능한 도움말 파일은 GPS Pathfinder Office Updater 유틸리티에서 표시되게 됩니다. 이용 가능한 도움말 언어는 영어, 프랑스어, 독일어, 일본어, 포르투갈어, 스페인어입니다.

中文引言

欢迎使用 GPS Pathfinder Office 4.20 软件。这次发行的 GPS Pathfinder Office 软件增加和变更了大量重要内容。请仔细阅读本发行说明。

当您安装 GPS Pathfinder Office 4.20 软件时，您必须选择安装软件使用的语言。要使用非英语运行 GPS Pathfinder Office 4.20 软件时，您必须从 Trimble 网下载和应用相应的语言文件，新 GPS Pathfinder Office Updater 程序帮助您完成此全部安装工作。

同样，要运行使用非英语 GPS Pathfinder Office 4.20 帮助程序，您必须从 Trimble 网下载和应用相应语言的帮助文件。

GPS Pathfinder Office Updater 程序将显示可利用的帮助文件。可利用的帮助文件有英语，法语，德语，日语，葡萄牙语，西班牙语。

New features and changes

Version 4.20 of the GPS Pathfinder Office software includes the following new features:

- An entirely new postprocessing engine, offering higher levels of accuracy using enhanced H-Star™ processing and DeltaPhase™ technology.

The new postprocessing engine uses the latest GNSS technologies to provide many improvements in accuracy and performance, including:

- H-Star receivers achieve decimeter (10 cm / 4 inch) accuracy in more places than ever before, faster, and at longer range from the base station.
- DeltaPhase technology provides optimal code processing accuracy:
 - GeoXT™ and ProXT™ receivers now achieve second-by-second accuracy of 50 cm, down from submeter.
 - Juno™ series handhelds now achieve postprocessed accuracy of 1-3 meters, down from 2-5 meters.
- Users with other supported receivers will also see increased code and carrier accuracy in a wide range of environments.
- Accuracy estimates for both code and carrier data are more precise and consistent.
- GLONASS data logged using a GPS Pathfinder ProXRT receiver (with the GLONASS option installed) can also now be postprocessed.
- Processing of carrier data logged over a period of 45 minutes or more enables receivers such as the GeoXT and ProXT to achieve 1 cm accuracy, provided the base station is within 10 km.

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- Support for postprocessing with L1-only base station measurements (for customers with legacy base stations; accuracy improvements mentioned above apply only where L1/L2 data is available at the base).
 - Direct export of data to KML/KMZ formats.
 - Support for the Microsoft® Windows® 7 platform.
 - Text attribute fields length increased to 230 characters in the SSF file.

For detailed information about these features, refer to the product FAQs, the *GPS Pathfinder Office Software Getting Started Guide*, and the *GPS Pathfinder Office Software Help*.

Version 4.20 of the GPS Pathfinder Office software includes the following additional changes:

- Microsoft Windows 2000 platform is no longer supported.

Differential Correction developer library

Additions have been made to the Differential Correction interface, ITGAProperties, and some existing interfaces have been made obsolete and now return E_FAIL. This means that any applications that intend to use the new capabilities of the Differential Correction libraries, or currently use the obsolete interfaces and don't handle error returns, must be rebuilt. For more information, refer to the *GPS Pathfinder Office Software Developer Help*.

The latest help file is available from the Trimble website. Go to http://www.trimble.com/pathfinderoffice_ts.asp, click *Documentation*, click *English* and then click the relevant link.

Known issues

This section describes issues that were apparent at the time of release of GPS Pathfinder Office software version 4.20.

Email client on the Windows Vista operating system

- When installed on a Windows Vista® operating system, the GPS Pathfinder Office software does not directly support the Windows Vista standard Windows email client when using the Trimble Data Transfer utility. Trimble recommends that you install Microsoft Outlook® 2003 or Microsoft Outlook 2007 as the email client.

Importing files with an external Data Dictionary

- If you are importing files and select the *Features with external Data Dictionary* option in the *Data* tab of the *Import Setup Properties* dialog, the external data dictionary must not contain any features with more than 50 attributes. If it does, the import fails to match the feature against the data dictionary.

Multipoint features

- GPS Pathfinder Office software version 4.20 does not support multi-point features. Attempting to import a multi-point feature from a GIS may result in the GPS Pathfinder Office software becoming non-responsive. Trimble recommends that you replace a multi-point feature with multiple single-point data points.

Technical assistance

The documentation for the GPS Pathfinder Office software should be your first point of reference if you have problems using the software. The *GPS Pathfinder Office Software Getting Started Guide* contains chapters describing the GPS Pathfinder Office software interface, and provides a tutorial explaining the main functionality provided. The *GPS Pathfinder Office Software Help* provides detailed information on all windows and controls in the GPS Pathfinder Office software, as well as many 'how to' topics describing how to use the software.

If you cannot find a solution in the Help or *GPS Pathfinder Office Software Getting Started Guide*, try exiting the GPS Pathfinder Office software by selecting *File / Exit*. Then restart the software and resume working.

Technical support

Go to the GPS Pathfinder Office software technical support page (www.trimble.com/pathfinderoffice_ts.asp) on the Trimble website for the latest support information about the software, including:

- FAQs
- support notes detailing the latest support issues
- documentation
- the latest files available for download

Additional help

If you still cannot find a solution to the problem, contact your Trimble reseller.

Windows error reporting

For some reason, a Windows Error Reporting dialog may appear, indicating that the GPS Pathfinder Office software has encountered a problem and needs to close. You are prompted to send an error report to Microsoft.

Trimble recommends that you click **Send** and then click any subsequent links that are used to obtain additional information.

Trimble can access the report that is sent to Microsoft and use it to improve the GPS Pathfinder Office software.