

Release Notes

This document provides information about resolved customer issues and known issues that are important for users to be aware of.

For a list of new and enhanced features in this release, see the *What's New* chapter in the *MapInfo Professional User Guide* or *Help System*. To access the *MapInfo Professional User Guide* from the DiscStarter application, which launches when you insert the MapInfo Professional DVD in to your machine's drive, select **Online Reference** and click **MapInfo Professional User Guide**.

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Upgrading MapInfo Professional

Upgrading

If the MapInfo Professional installer detects a current version of the product, or detects that the product had been previously installed, then the installer copies the `MAPINFOW.WOR`, `STARTUP.WOR`, and `MAPINFOW.PRF` files from the operating system's system directory to `C:\Users\\AppData\Roaming\MapInfo\MapInfo`.

Application data (appdata) files are the non-executable data files that MapInfo Professional uses during operation.

How to Uninstall the MapInfo Professional 12.5 Beta Release

This section is for users who participated in the 12.5 Beta Release program and have a Beta release of MapInfo Professional installed on their machine. You will need to uninstall the Beta release before you can install this 12.5 release of MapInfo Professional.

You will need to:

1. Uninstall the MapInfo Professional Beta using **Programs and Features** in the **Control Panel** and
2. Manually remove MapInfo Professional Beta files that are left behind.

To manually remove the MapInfo Professional Beta files left behind after uninstalling:

1. Locate the MapInfo Professional Beta files by searching for a folder called `1250` on your computer's C drive.

For example on **Windows 7**, `C:\Users\user name\AppData\Roaming\MapInfo\MapInfo\Professional\1250`

2. Delete the `1250` folder and all of its contents.

You are now ready to install MapInfo Professional 12.5 to your computer.

Windows 8 and Windows 2012 users: If you have a previous version of MapInfo Professional 12.5 installed (a Beta version), then you must reboot your machine after uninstalling the previous version and installing the latest release. Rebooting correctly registers fonts on your machine, so that MapInfo Professional can locate and apply style types. If you do not reboot, the fonts are not registered and MapInfo Professional closes unexpectedly when using the fonts.

Beta testers experiencing an issue using the *Help System* after installing MapInfo Professional 12.5, should delete the `mapinfo_professional12_5` cache folder under the `AppData` folder (for example, `C:\users\%USERNAME%\AppData\Local\mapinfo_professional12_5`).

Microsoft Warning for 64-Bit Version of Microsoft Office

If you do not have Microsoft Office installed on your machine, then MapInfo Professional 12.5 installs a Microsoft Office 2010 32-bit driver, so that MapInfo Professional can open Microsoft Access and Excel 2010 files.

If you already have the 64-bit 2010 Microsoft Office driver installed, and you do not have the 2007 32-bit driver installed, then MapInfo Professional installs the Microsoft Office 2007 32-bit driver. You can still work with Microsoft Access 2010 and Excel 2010, but you may see an error message if an incompatibility occurs.

Note: Microsoft strongly recommends using the 32-bit (x86) versions of Office 2010, Project 2010, Visio 2010, and SharePoint Designer 2010 applications as the default option for all platforms (including on a 64-bit operating system).

License Server Utility

If you have a previous version of the License Server Utility (LSU) installed to manage distributable licenses, then you must upgrade to the latest License Server Utility, version 4.5. Using a previous version of the License Server Utility with MapInfo Professional 12.5 will cause MapInfo Professional to become unresponsive.

Using an incompatible version of the License Server Utility might result in the following issues while fetching licenses for MapInfo Professional:

- MapInfo Professional is unable to borrow a borrowable license.
- MapInfo Professional is unable to activate a distributed license from the License Server.

If this occurs, contact your License Server administrator and have them upgrade the License Server to version 4.5.

After successfully borrowing or activating a license, if you again roll back to an older version of License Server Utility, you can not transfer the borrowed/activated license back to License Server Utility. You will not see an error message as the operation simply hangs.

Repairing MapInfo Professional from the .MSI file

The repair process fails using the .msi file when the Microsoft User Account Control (UAC) is turned on. Depending on the installation conditions the repair stops with the following error message:

You have MapInfo Professional running, please close it and run setup again.

To work around this issue, do one of the following three things:

- Shut off the UAC (User Account Control), this requires System Administrative privileges, reboot the machine, and rerun the repair.
- Run the original `setup.exe` file and then run the repair from maintenance mode.
- Run the installed copy of the MapInfo Professional 12.5 .msi file as an administrator. Go to `C:\Windows\Installer` and search for the MapInfo Professional 12.5 .msi file. It will have a name similar to `8e95f1.msi`, where the name is different for each machine. Go to `C:\Windows\System32` and find the `cmd.exe` file. Right click this file and select **Run as Administrator** (this may require an administrator password). Run the command `C:\Windows\Installer\nameofMiPro12.5.msi` and select **Repair** from maintenance mode.

Disabling User Account Control (UAC) on Windows 7 or Server 2008 R2

To disable UAC on Windows 7 or Server 2008 R2:

1. Launch **MSCONFIG** by from the **Run** menu.
2. In the **System Configuration** dialog box, click the **Tools** tab.
3. Click **Change UAC Settings**.
4. Click **Launch**.
5. Move the slider to **Never Notify**.
6. Click **OK** to close the dialog box.
7. Reboot the machine to have this change take effect.

Disabling User Account Control (UAC) on Windows 8 or Windows Server 2012

To disable UAC on Windows 8 or Windows Server 2012:

1. • On Windows 8, go to the **Search Charm** and type `Change User Account Control settings`.
- On Windows 2012, on the **Control Panel**, select **User Accounts**, and click on **Change User Account Control Settings**.

2. In the **User Account Control Settings** console, move the slider to **Never Notify**.
3. Click **OK**.

You may see a prompt to confirm your selection or to enter an administrator password.

4. Reboot the machine to have this change take effect.

Support Notices

SQL Server 2012

If connecting to a SQL 2012 server with Windows 7 or higher, use the SQL Server Native Client 2012 (also known as SQL Server Native Client 11.0).

Bing Maps Expiration Date

Bing Maps has a limited license period, which is specific to each version of MapInfo Professional. The Bing Maps and the Add Bing Roads to Map and the Move Map To features cease working after this date:

- MapInfo Professional 12.5 on January 1st 2016
- MapInfo Professional 12.0 on January 1st 2015
- MapInfo Professional 11.5 on January 1st 2014

Customers with a current maintenance package who would like to continue to use earlier versions of MapInfo Professional (10.5.3, 11.0.x, 11.5.x, or 12.0.x) are entitled to use Bing services until January 1st 2016. For details, contact your account representative.

Downloading Tools and Applications

Several tools and applications are available for download from the Pitney Bowes Software website at www.mapinfo.com.

MapInfo ProViewer www.mapinfo.com/proviewer

MapInfo ProViewer lets anyone open, view and manipulate your MapInfo Professional maps, tables and analyses with easy-to-use functionality including print, zoom, scroll, select objects, measure distances and view details.

MapBasic www.mapinfo.com/mapbasic

The MapBasic development environment is a complete, BASIC-like programming language used to create custom applications for use with MapInfo Professional or special MapInfo runtimes. MapBasic allows you to customize the geographic functionality of MapInfo Professional, automate repetitive operations and integrate MapInfo Professional with other applications.

EasyLoader www.mapinfo.com/easyloader

EasyLoader lets you to upload MapInfo .tab files to a remote database, such as Oracle, SQL Server, Microsoft Access, and PostgreSQL / PostGIS.

To install these downloads, unzip the download file in to your `Temp` folder (`C:\Temp`) and then launch the `setup.exe`. An install wizard guides you through the installation process.

To obtain more MapInfo Professional resources and downloads, visit www.mapinfo.com/resources.

Locating Your Documentation

MapInfo Professional documentation, in the form of PDF files, installs with MapInfo Professional in to the `Documentation` subfolder. You must have the Adobe Acrobat reader installed to view PDF files. To download a free copy of the Adobe Acrobat Reader, go to <http://www.adobe.com>.

Installation Instructions are Available in the Install Guide on the DVD

For system requirements, installation instructions, and System Administrator notes for performing a workgroup installation, see the *MapInfo Professional Install Guide*. You can view this document from the DiscStarter application, which launches automatically when you insert the MapInfo Professional DVD in to your machine's drive. From the DiscStarter application:

- Click **Reference** and then **MapInfo Professional Install Guide**, or
- Click **Browse DVD**. This launches an Explorer window. Under the `PDF_DOCS` folder, double-click the `MapInfoProfessionalInstallGuide.pdf` file.

Instructions for Activating your License are in the Install Guide

Instructions for activating your MapInfo Professional license are in the *MapInfo Professional Install Guide*. The same information is also in the *MapInfo Professional Licensing and Activation Notes* (`ActivatingYourProduct.pdf`).

The MapInfo Professional Data Directory Document is on the DVD

MapInfo Professional's sample data comes with the *MapInfo Professional Data Directory* document, which describes the sample data. You can view this document from the DiscStarter application, which launches automatically when you insert the MapInfo Professional DVD in to your machine's drive. From the DiscStarter application:

- Click **Reference** and then **MapInfo Professional Data Directory**, or
- Click **Browse DVD**. This launches an Explorer window. Under the `PDF_DOCS` folder, double-click the `MIProDataDirectory.pdf` file.

All Documents Install with your Software

After installing MapInfo Professional, you can find documentation files under the `Documentation` folder where MapInfo Professional is installed (for example, `C:\Program Files (x86)\MapInfo\Professional\Documentation`).

Documentation is also available on our website at www.mapinfo.com/miprodocs.

Notes about this Release

New Features

For details about new and enhanced features in this release, see the *What's New* chapter in the *MapInfo Professional User Guide* or *MapInfo Professional Help System*.

This release has new and updated features in MapInfo Professional:

- A new **Layout Designer** window shows the map using the printer resolution, so that you know what your printout will look like (it shows the labels that will be on the printed map). This window contains

a live map that you can edit, has advanced alignment tools, and lets you insert image files directly to the canvas. For details, see *Working with Layouts* in the *Help System*.

- A new concurrency setting improves processing speed when buffering an object in a table or selection, and with overlay operations, such as Split, Erase, Erase Outside, Polyline Split, and Overlay Nodes. You can select how much of the operation to perform in parallel using more than one CPU or processor core.
- You can now use your own Microsoft Bing Maps license instead of using the license supplied with MapInfo Professional, which has an expiration date.
- Searches in a **Table List** window are now more discrete, using all of the terms that you enter in the search box instead of the entire phrase. A search will find any table alias that matches any of the terms (separated by spaces) that you enter.
- Users working in a Citrix XenApp environment can now switch to 1-bit per pixel cursors to improve the speed of rendering their cursors.
- This release includes coordinate system additions or enhancements, new EPS and PRJ codes, and datums.
- This release updates the MapCAD tool to a new version. This product provides tools that work with MapInfo Professional to create maps that are appropriate for land development and surveying tasks.
- A new viewer for the *Help System* gives you advanced search options, lets you bookmark pages, makes it easier to enlarge text for readability, and lets you dock or float sidebar windows to control the space in the viewer.

Data Access Updates

- Open and save your data to Microsoft Office 2013 Excel and Access files, and embed maps into Office 2013 Word documents.
- Work with data in Oracle Spatial 11g R2 and 12c R1.
- The Feature Manipulation Engine (FME) has been upgraded to 2014.

New Licensing Options

- Overdraft licenses are now available if you purchased distributable licenses. Overdraft licenses ensure that you do not have a service disruption if you lose a license during server migrations or failure. You can overdraft up to 10% of the number of distributable licenses that you own, so if you own 50 distributable licenses you would have up to 5 overdraft licenses available.
- You can now repair up to 10% of the distributable licenses that you own. If you have 20 distributable licenses as an example, then the License Server Utility will repair up to 2 broken licenses.

For details about these licensing improvements, see the *License Server User Guide* that installs with the License Server software.

Service URL for Swedish National Catalog

The service URL for the Swedish National Catalog has changed and the same is updated in this release.

The updated URL is: <http://www.geodata.se/InspireCswProxy/csw>

Using the New Help System

MapInfo Professional, MapBasic, and ProViewer software come with a new *Help System* viewer. For details about using the new viewer, see the notes that come with it by double-clicking the `assistant.exe` file located under the QT folder where MapInfo Professional is installed (for example, under `C:\Program Files (x86)\MapInfo\Professional\QT`).

To view the *Help System* outside of the software:

1. Launch the Command Prompt.

From the **Start** menu type `Command Prompt` in the search box, or on Windows 8 swipe to the **Apps** screen and look under **Windows System**.

2. Change directories to the QT folder. As an example:

```
cd C:\Program Files (x86)\MapInfo\Professional\QT
```

3. Type the following, but replace the path with your installation location:

```
assistant.exe -collectionFile C:\Program Files  
(x86)\MapInfo\Professional\MapInfoProfessional.qhc
```

Ensure that you type `.qhc` as the file extension for the `collectionFile` input. Depending on the product help that you want to view, you would type the path to `MapInfoProfessional.qhc`, `MapBasic.qhc`, or `MIProViewer.qhc`.

To view the help on another machine, copy the QT folder, and the `.qhc` and `.qch` files, from the software installation folder to the machine you want to view the help on. Both `.qhc` and `.qch` files must be in the same folder for the viewer to open the *Help System*.

Tip: Consider creating a batch (`.bat`) file that you can double-click to invoke the *Help System*. The file will contain a single command: `C:\Program Files (x86)\MapInfo\Professional\QT\assistant.exe -collectionFile C:\Program Files (x86)\MapInfo\Professional\MapInfoProfessional.qhc`

Known Issues

Editing Text in the Layout Designer Window

There is a Microsoft issue that affects editing text in the **Layout Designer** window. The mouse cursor may disappear in a text frame when the **Layout Designer** zoom value is not set to 100%. Resetting the zoom value to 100% should correct this issue, which only happens intermittently.

License Server Utility Incorrect Dates

When the `RESERVE` option is used in the options file (`unisw20.opt` located in the License Server Utility installation directory), the licenses are checked out from the License Server Utility with incorrect start dates.

Printing to PDF

When printing to PDF, the printing progress window may appear frozen and clicking **Cancel** can cause MapInfo Professional to halt.

Selecting certain non-default PDF preferences causes this issue. If you experience this issue, change the PDF preferences back to their default settings:

1. On the **File** menu, point to **Print to PDF** to open the **Print** dialog box.
2. Click **Properties** to open the **MapInfo PDF Printer Properties** dialog box.
3. On the **Destination** tab, uncheck the **Prompt for Destination** check box.

Running PolyBuilder in MapInfo Professional 12.0 and 12.5

When MapInfo Professional 12.0 and 12.5 are on the same machine, MapInfo Professional 12.0 closes unexpectedly when running the PolyBuilder tool. The issue persists after you uninstall MapInfo Professional 12.5.

To run PolyBuilder in version 12.0 after installing version 12.5:

1. Launch the command prompt with administrator privileges.
2. Navigate to the directory where MapInfo Professional 12.0 is installed, for example:

```
cd C:\Program Files (x86)\MapInfo\Professional
```

3. Run MapInfo Professional 12.0 with the following option:

```
Mapinfow.exe -regserver
```

Correction: We Support Windows 2012 Server 64-bit with XenApp 7.0

This note is for Citrix users. The EasyLoader, License Server, MapBasic, ProViewer, and Runtime documentation and the *MapInfo Professional Install Guide* list Windows 2012 Server 64-bit with XenApp 6.5 as a supported operating system environment. This should read Windows 2012 Server 64-bit with XenApp 7.0. We have not tested with XenApp 6.5.

Correction to the MapInfo Professional User Guide and Help

In the *MapInfo Professional User Guide* and *Help System*, the following section under the title *Working with Oracle Spatial Tables* contains out-of-date information and should read:

Oracle Spatial Requirements

To connect to Oracle Spatial within MapInfo Professional, you must have Oracle Spatial 11g R2 or 12c R1 installed. For details, see your Oracle documentation and the *MapInfo Professional Install Guide*.

Progress and Resolution of Outstanding Issues

MapInfo Professional

Issue Number	Description and Resolution
MIPRO-16772	<p>When printing to a PDF, customized labels are still visible after turning off the labels layer in the resulting PDF file.</p> <p>When printing to the MapInfo Professional PDF printer, you can choose to put each layer in the map into its own PDF layer: on the File menu, point to Print to PDF, click PDF, and then select the Layered PDF check box. Labels are placed in their own layer, but custom labels (any label that has been explicitly edited in any way) are not placed in the label layer.</p> <p>Resolution: Fixed, custom labels are now placed in the label layer.</p>
MIPRO-29015	<p>Labels are incorrectly placed on the map and in the output generated from a classic Layout window.</p> <p>Resolution: Fixed.</p>
MIPRO-34750	<p>MapInfo Professional does not recognize the correct number of records in an Excel file written with FME.</p> <p>Resolution: Fixed.</p>
MIPRO-36071	<p>Callout labels do not display for small features.</p> <p>Resolution: Fixed.</p>
MIPRO-37291	<p>While translating SHP files using FME, incorrect Coordsys Bounds are assigned.</p> <p>Resolution: Fixed.</p>
MIPRO-37869	<p>The MapInfo Professional 12.0 installer fails to install when the machine has Visual Studio 2012 with Update 3 or 4 on it, or has Visual Studio Update 3 redistributable on it.</p> <p>Resolution: Fixed.</p>
MIPRO-38975	<p>MapInfo Professional closes unexpectedly when using the Custom Poly tool for editing or drawing a polyline.</p> <p>Resolution: Fixed.</p>

Issue Number	Description and Resolution
MIPRO-39022	<p>Translating files to TAB format fails with a fatal error when the applied CoordSys uses Survey Feet units.</p> <p>Resolution: Fixed.</p>
MIPRO-40394	<p>FME ignores CoordSys Bounds when converting SHP files to TAB format.</p> <p>Resolution: Fixed.</p>
MIPRO-41178	<p>There may be issues on Windows 8.0 when printing text from a window, such as a Map window, with Enhanced Rendering turned on. The text is processed in raster form when printing and causes poor quality output as a result. When printing to PDF or XPS, the text in the output file is not selectable or searchable, and does not scale well.</p> <p>Resolution: Microsoft has a hotfix for Windows 8.0 for this issue. If you have not received the hotfix through a Windows update, then do one of the following:</p> <ul style="list-style-type: none"> • Upgrade to Windows 8.1, which includes the hotfix, or • Download the hotfix directly from http://support.microsoft.com/kb/2823372/EN-US and install it. <p>Note: Some text styles, such as halo, shadow, background box, and curved labels, are rendered as graphical objects, so they do not appear as text in the output even if you apply a fix.</p>
MIPRO-41391	<p>MapInfo Professional closes unexpectedly when running SQL Server stored procedures from a MapBasic application.</p> <p>Resolution: Fixed.</p>
MIPRO-41421	<p>In the Citrix XenApp environment, there is a delay between cursor movement and cursor rendering. This is a performance issue when using 32-bit per pixel cursors.</p> <p>Resolution: Fixed. You can now switch between 32-bit per pixel cursors and 1-bit per pixel cursors. For details, see the <i>MapInfo Professional Help System</i>.</p>
MIPRO-41696	<p>The Visual FoxPro ODBC driver does not work with MapInfo Professional 12.x versions.</p> <p>Resolution: Fixed.</p>
MIPRO-41869	<p>The resolution of Bing images appears lower in MapInfo Professional version 12.0 then in version 11.5.</p> <p>Resolution: Fixed. This fix improves the appearance of tile server layers, such as Bing Roads, Bing Aerial, and Bing Hybrid, on the screen and when printing or exporting.</p>
MIPRO-42409	<p>See MIPRO-41869</p> <p>Resolution: Fixed.</p>
MIPRO-45442	<p>Translating a DXF file using FME changes the projection, so that (NAD 27 for Canada) changes to (NAD 27 for US).</p> <p>Resolution: Fixed.</p>
MIPRO-45484	<p>Translating TAB files containing large records to SHP or other external formats results in an error.</p> <p>Resolution: Fixed.</p>

EasyLoader

Issue Number	Description and Resolution
MIPRO-40742	Non-English versions of EasyLoader do not launch. Resolution: Fixed.

License Server

Issue Number	Description and Resolution
MIPRO-35627	The License Server is unable to start automatically when restarting the machine. Resolution: Fixed.
MIPRO-37464	The License Server Utility closes unexpectedly. Resolution: Fixed.