



MapInfo Professional 9.0.1 Release Notes

These release notes cover the upgrades we have made to MapInfo Professional 9.0.1.

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Upgrading MapInfo Professional to 9.0.1

Your computer must be connected to the Internet to download the upgrade.

To upgrade MapInfo Professional to version 9.0.1:

1. From the Main menu, select **Help > Check For Update**. The Maintenance Releases for MapInfo Professional web page displays.
2. Create a temporary folder on your hard drive, such as c:\temp\mipro901.
3. On the web page, click the download link to display the **File Download** dialog box.
4. Choose the **Save** button and save the file to the temporary folder you created in **step 2**.
5. After the download is complete, double-click the executable file to start the installation process. Follow the instructions to complete the upgrade.

You must agree to the **License Agreement** to install the maintenance release.

Vista Compatibility Information

Since Vista was still very new when we were developing MapInfo Professional 9.0, we are now finding workarounds which may assist you in using our product in the Vista environment.

By default Vista security prevents users from running applications from your network anonymously. Also, when you uninstall MapInfo Professional from the Vista operating system, there is no prompt to return the license.

To get around these issues, do the following:

1. Create a shortcut to your network location of the MapInfo Professional executable on your desktop.
2. Edit the shortcut to add the this command:

```
<network location>mapinfow.exe -regserver
```

3. Right-click the shortcut and select **Run as Administrator**.
4. Enter the administrator credentials.

When these steps are complete, you will be able to successfully run the patch and the transfer dialog box will display when you uninstall the product.

New License Information

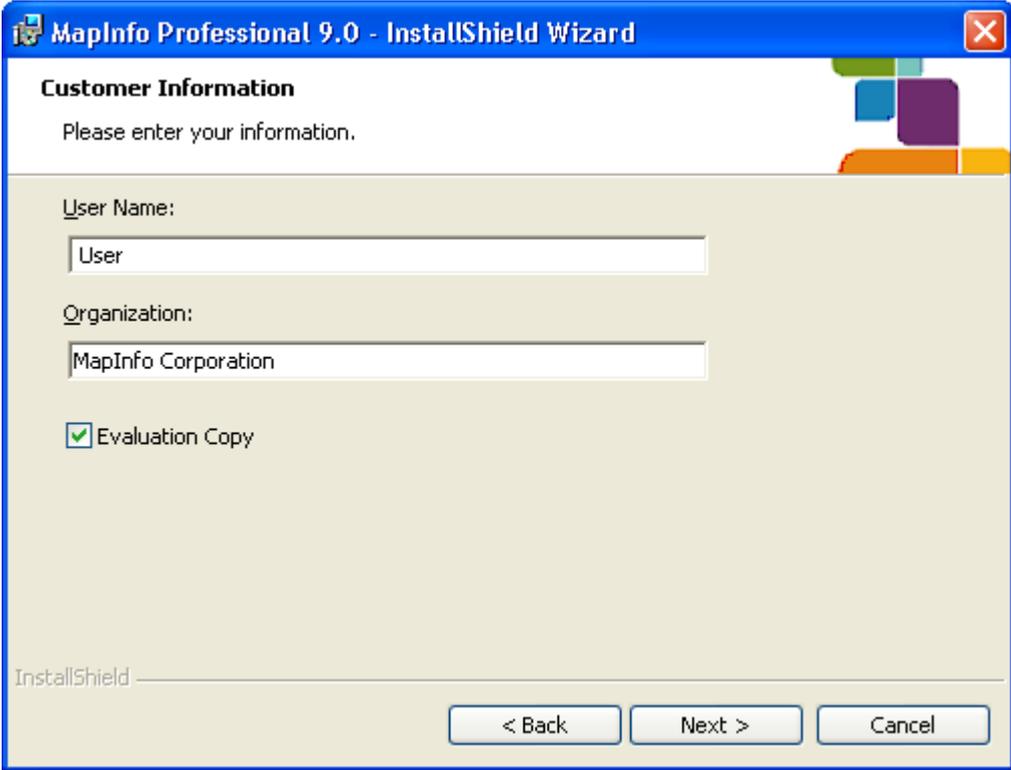
We have added two new licensing models to the MapInfo Professional installer. The Evaluation License allows you to share MapInfo Professional with co-workers who want to try out the application. They simply follow the installation procedure selecting the Evaluation License option to try it out.

Evaluation License Available

Installing an evaluation version of MapInfo Professional 9.0 gives you an unlimited use license of the product for thirty (30) days. After you conclude your evaluation, you can upgrade to a permanent license or you can decline.

Installing the evaluation version of MapInfo Professional:

You can re-use the same installer you used to install MapInfo Professional to install the evaluation version. When the Customer Information dialog box displays, simply select **Evaluation Copy** to install a 30 day evaluation license.



The screenshot shows a Windows dialog box titled "MapInfo Professional 9.0 - InstallShield Wizard". The dialog box has a blue title bar with a close button (X) in the top right corner. The main content area is light beige and contains the following elements:

- Customer Information** header.
- Text: "Please enter your information."
- User Name:** label followed by a text input field containing "User".
- Organization:** label followed by a text input field containing "MapInfo Corporation".
- Evaluation Copy** checkbox.
- At the bottom left, the text "InstallShield" is visible.
- At the bottom right, there are three buttons: "< Back", "Next >", and "Cancel".

After you install the evaluation copy of MapInfo Professional, the first time you open MapInfo Professional, you are prompted to activate your permanent license or continue with the evaluation. This dialog box displays each time you begin a new session of MapInfo Professional. An Activation prompt also displays informing you of the time remaining in your evaluation period.



Borrowed Licenses Available Using License Server

Some customers with a large number of users manage their MapInfo Professional licenses using a license server. We have automated the borrowing process so that it occurs silently. Borrowed licenses have a specific expiration date (one year or less). You must be connected to the license server to run MapInfo Professional with a borrowed license.

After you install MapInfo Professional, you can set up the borrowed license the first time you start the application.

1. Open up a command line prompt.
2. Type the following from the MapInfo Professional installation directory and press **Enter**:

```
MapInfow.exe -BorrowLicense x y
```

where:

x is equal to the number of days you want to borrow the license (the maximum number days is 365)

y is the full name of log file

Both x and y entries are optional. If you do not type the x or y values, MapInfo Professional uses the following entries by default:

x = 365

y = {UserTemporaryFolder}\BorrowLicense.log

If you enter a negative number or a number more than 365 for the x value, MapInfo Professional uses the number 365 by default.

Note: The log file will be created all the time.

3. After you press Enter, MapInfo Professional starts. You can review the borrowed license log at any time to see the status of your license. Look for this phrase:

```
A license has been borrowed successfully for {x} days.
```

Understanding Borrowed License Errors

When you open MapInfo Professional for the first time with a borrowed license, a confirmation dialog box displays explaining the borrowing term and expiration date. You can turn this dialog box off by selecting the **Please do not show me this dialog again** check box.

There are three circumstances in which borrowed licensing might fail:

- If the application cannot access the license server (either because the license server is down, or the information you used to identify your license server is incorrect), the following phrase displays in the log file:

```
Cannot connect to license server {ServerName}.
```
- If there was already a borrowed license, the following phrase displays in the log file:

```
A license was already borrowed. No new license is borrowed.
```
- If the license borrowing process fails, the following phrase displays in the log:

```
An error occurs while trying to borrow a license. Error code: {errorCode}.
```

In any of these cases, we recommend you contact your license server administrator to get assistance. You may need to send your error log file to your administrator so they can assist you.

New License Transfer Policy

If you are going to change computers or you are going to swap out a significant number of components of your computer, we recommend you transfer your MapInfo Professional license to ensure that it is not lost in the process. We have amended our transfer policy to the following per-year limits:

- If your organization holds individual licenses, each user can transfer their license 10 times, that is:

If your organization purchased twenty individual licenses (with different serial numbers), each user would be entitled to transfer their license 10 times.

- If your organization bought a site license for a particular number of seats, your organization is entitled to twice the number of seats purchased, that is:

If your organization bought a site license for twenty seats, your organization could transfer those licenses 40 times. This could mean that one person could transfer their license 15 times and the others would share the remaining 25 licenses. Or, someone could transfer one license 40 times or transfer all 20 licenses twice.

Thus, someone with 1 seat may transfer that license back to Pitney Bowes MapInfo up to 10 times; someone with a pool of 20 license may transfer up to 40 times per year.

Progress and Resolution on Outstanding Issues

Please review the following list of issues to learn more about the changes we have made in this upgrade.

Node-Locked License Issues

Node-locked licenses provide unlimited use of MapInfo Professional on an individual computer. You can return a node locked license and activate it again if you are changing computers or if you are changing a significant number of computer components.

Issue #	Description/Resolution
T23686	<p>Issue Description. Customers with node-locked licenses with a Product ID other than <i>MAPINFO PROFESSIONAL NEW PURCHASE;VERSION=9.0</i> could not transfer licenses to MapInfo Professional. As a result, customers with this issue could install MapInfo Professional but could not return it to Pitney Bowes MapInfo for transfer to another computer.</p> <p>Resolution: This issue has been corrected. MapInfo Professional now refers to the Activation ID rather than the product name for activation.</p>
T23687	<p>Issue Description. Some customers with node locked licenses reported this error, <i>Unable to validate your license due to error -97 (or -15)</i> at startup before the Activation process began.</p> <p>Resolution: This appears to be caused by an environmental variable</p> <p>To resolve this issue:</p> <ol style="list-style-type: none">1. Go into Registry Editor. Choose Start > Run and type in <code>regedit</code> and press Enter. The Registry Editor is displayed.2. Navigate to: <code>HKEY_LOCAL_MACHINE > SOFTWARE > FLEXIm License Manager</code>.3. Edit the <code>LM_LICENSE_FILE</code> registry key to rename the file (for example, type as <code>LM_LICENSE_FILE_1</code>) and click OK.4. Start MapInfo Professional and activate product.5. After you activate MapInfo Professional successfully, close the product.6. Follow step 1 through step 3 and rename the license registry key back to the original name: <code>LM_LICENSE_FILE</code>7. Check the environment variable: <code>LM_LICENSE_FILE</code> what is it defined as? To check this, bring up a command prompt and type "set", which should echo the environment variables.
23850	<p>Issue Description. When the courtesy license term was completed, some users reported the following error: <i>Lost license, cannot reconnect: Feature has expired</i>. Users did not report any loss of functionality in the use of MapInfo Professional as a result of this error.</p> <p>Resolution: We corrected the code that resulted in the display of this message to ensure that it does not display.</p>
T23688	<p>Issue Description. Users who chose the email activation method preferred not to go through two passes to complete the activation process.</p> <p>Resolution: We have corrected the courtesy license process to prevent this error from occurring.</p>
T23738	<p>Issue Description. After appearing to complete either an Internet or an e-mail activation without errors, some customers found that the License Activation dialog box continued to display when they opened MapInfo Professional.</p> <p>Resolution: This issue occurred due to an inaccurate entry of the activation ID. MapInfo Professional erroneously reported that the license was activated successfully, when in fact, it was not. We have corrected this issue.</p>

Issue #	Description/Resolution
T23604	<p>Issue Description: Some users experienced very slow response time when opening large workspaces while using a concurrent license.</p> <p>Resolution: This issue occurred due to repeated checking for licensing information. We have corrected this issue by checking for the validity of the license only once.</p>
T23706	<p>Issue Description: Some customers found when borrowing a license that they would get the error message: <i>No Matching License For Request</i> when the License Server had a "MapInfo Professional Maintenance Upgrade" license.</p> <p>Resolution: We have changed our code to ask for different matching criteria on the server to prevent this error.</p>
T23738, T23793	<p>Issue Description: A customer received an incorrect serial number and access code from the Pitney Bowes Licensing System (FNO). Upon Internet activation, the user received a successful activation message, but when the Help > About dialog box was reviewed, only the courtesy license was displayed. Upon closing MapInfo Professional and reopening it to a new session, the licensing dialog box displayed again requesting permanent activation.</p> <p>Resolution: The product version numbers were incorrectly recorded. We have amended our in-house licensing procedure to correct this problem and ensure that it does not recur.</p>
T23737, T23686	<p>Issue Description: Some users were found that when they were upgrading MapInfo Professional, they were not prompted to transfer the license back to Pitney Bowes MapInfo.</p> <p>Resolution: When performing an upgrade, you do not check out a license, we only review the registry for the serial number, as such you are not prompted to return the license. You are still able to return the license based on the activation ID you have.</p>
T23763	<p>Issue Description: When you borrow a license from a License Server and you already have a permanent node lock license, the date that displays in the About your borrowed license dialog box is incorrect.</p> <p>Resolution:</p>

Raster Imagery Improved

In this version of MapInfo Professional we have updated one of our raster handler tools, which corrected some long-standing issues and improved support for many raster image formats, including:

- JPEG
- JPEG2000
- ECW
- GeoTIFF

Further, this upgrade corrected issues relating to the use of non-Latin-1 characters, specifically:

- Issues that occurred when a raster image's path or filename contained non-Latin-1 characters
- Issues that arose when using non-Latin-1 characters in the Save Window As process

We also improved the georeferencing of some GeoTIFF files that contained coordinates that were in a different unit system than the projection uses.

Issue #	Description/Resolution
T16643	<p>Issue Description. Some GeoTIFF images displayed incorrectly in MapInfo Professional due to issues in the raster handler we were using to display them.</p> <p>Resolution: We have upgraded the libraries used to display GeoTIFF images to resolve this issue.</p>
T16165	<p>Issue Description. MapInfo Professional could not open JP2 raster files. Error stated that the Raster Engine was unable to recognize the format.</p> <p>Resolution: Upgrading our ECW file handler and other files resolved this issue.</p>
T23078	<p>Issue Description. GeoTIFF Images open as all black in MapInfo Professional 9.0, and cannot be opened at all in earlier versions.</p> <p>Resolution: Upgrading our raster image handling tools prevents this problem.</p>
T17625	<p>Issue Description. Customers found instances where converting an EMF and some WMF raster images seemed to overlay the original TAB file incorrectly. This turned out to be a resolution issue where the EMF file was being saved using different storage units (millimeters and pixels) than usual screen resolution units (dots per inch). WMF display seem has been more successful because they are at the advertised resolutions.</p> <p>Resolution: Upgrading our raster image handling tools allows MapInfo Professional to set the resolution for an EMF image differently, which resolves this problem.</p>
T23973, T23995	<p>Issue Description: In MapInfo Professional version 9.0, if you saved using the Save Window As feature and you included non-Latin-1 characters in the target's path or file name, the characters became corrupted.</p> <p>Resolution: We have corrected this issue to prevent the character corruption. This issue occurred because in the previous version of the raster handler, we needed to convert file name strings to Unicode, which we no longer need to do.</p>
B10081, T30879	<p>Issue Description. Customers reported that JPG raster files were not displaying correctly in version 9.0 although they opened correctly in version 8.5.</p> <p>Resolution: This issue was corrected by the upgrade of our raster tools.</p>
T21581, T16165, T15515, T20976	<p>Issue Description: Customers reported receiving an error, "Raster engine was unable to recognize image file format" or displayed the image as black when trying to open JP2 files.</p> <p>Resolution: This issue appears to be related to variant versions of the JPEG 2000 format. Upgrading our raster handler engine resolves this issue.</p>
T23078	<p>Issue Description: A partner reported that some GeoTIFF files display as all black in the current version of MapInfo Professional and did not open at all in previous versions. Georeferencing information in these files are not used.</p> <p>Resolution: This was caused by an error in the raster handler we were using. The upgraded raster handler has corrected this issue and the GeoTIFF files now display.</p>
T23331, T22015	<p>Issue Description: Opening GeoTIFF files in MapInfo Professional resulted in registration errors.</p> <p>Resolution: This issue was caused by GeoTIFF images that were saved using meters in the projection rather than feet. We perform this recalculation internally now to prevent this issue.</p>
T23491	<p>Issue Description: A customer reported that MapInfo Professional 8.5 could not open WMF files that it could open in previous versions.</p> <p>Resolution: The previous version of our raster handler was attempting to load the WMF file at full resolution. We have corrected this issue by lowering the resolution of the image until it can successfully load.</p>

Issue #	Description/Resolution
T22015	<p>Issue Description: We found that GeoTIFF images were registering differently between MapInfo Professional and ESRI products. Upon investigating this issue, we found this display issue was caused by a difference in units (meters vs. Survey Feet).</p> <p>Resolution: We use new libtiff and libgeotiff libraries to determine the control points and the scale factors of a GeoTIFF image. This issue has been resolved by upgrading our raster handler to a newer version.</p>
23091	<p>Issue Description: Some users found that MapInfo Professional treated ECW Files with associated World files as raster images without image registration information.</p> <p>Resolution: To correct this issue, we updated the World file handling in the raster engine. These files now display correctly.</p>