



MapInfo Professional 12.0.3 Release Notes

This document provides information on new and enhanced features that have been introduced into MapInfo Professional since version 12.0. It also contains sections on resolved customer issues and some remaining known issues that are important for users to be aware of.

You can apply this update to MapInfo Professional 12.0.

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Before You Continue

This release upgrades 12.0, 12.0.1, and 12.0.2 installations of MapInfo Professional to version 12.0.3. Follow the instructions provided in this document under **Upgrading MapInfo Professional**.

Upgrading MapInfo Professional

Your computer must be connected to the Internet to download the 12.0.3 Maintenance Release.

You may install this Maintenance Release provided one of the following products is already installed:

- MapInfo Professional 12.0, 12.0.1, or 12.0.2

- MapInfo Professional Runtime 12.0, 12.0.1, or 12.0.2

If both of these products are installed, then the installer upgrades them at the same time. You do not need to run this installer multiple times.

To upgrade MapInfo Professional to version 12.0.3 Maintenance Release:

1. From the MapInfo Professional Main menu, select **Help > Check for Update**. The Maintenance Releases for MapInfo Professional web page displays.
2. On the web page, click the download link and follow your web browser's instructions for opening and running the patch file.

The file is called `MapInfoProfessional12.0.3MaintenanceRelease.exe` should you choose to save and run it later.

3. Follow the instructions to complete the upgrade.

It is important to wait until the installation completes.

Advanced Installation for System Administrators

This section is for the system administrator installing this Maintenance Release using a command line, and the network system administrator installing this Maintenance Release across the network using a Microsoft Patch (MSP) file.

Upgrading in Silent Mode

To run the MapInfo Professional Maintenance Release installer in silent mode, from a command prompt change directories (`cd` command) to where the Maintenance Release .exe file is, and then type:

```
MapInfoProfessional12.0.3MaintenanceRelease.exe /s /v"SILINST=True"
```

Where:

- `/s` = runs the setup.exe silently
- `/v` = passes the parameter "SILINST=True" into the setup.exe to suppress the GUI.

A progress dialog box may display during the installation.

You may see a prompt for permission to continue. Click **Allow** or **OK** to proceed.

Upgrading Using a MSP File

Upgrading using a MSP file is not available for version 12.0.3. If you require this type of upgrade, please contact your Technical Support representative.

Support Notices

SQL Server 2008 on Vista

Vista is not a supported operating system with MapInfo Professional 12.0. If you choose to install to VISTA, then be aware that SQL Server 2008 (SQL Server Spatial) provides a different ODBC driver for Windows Vista.

A Windows Vista user must use the x64 and Itanium versions of sqlncli.msi, which installs the 64-bit and 32-bit versions of SQL Server Native Client, on your 64-bit Windows operating system.

To download the appropriate sqlncli.msi, see <http://msdn.microsoft.com/en-us/library/ms131321.aspx>.

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). If connecting with Windows XP, this client is not supported and you will need the SQL Server Native Client 10.0.

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

Customers with a current maintenance package who would like to continue to use earlier versions of MapInfo Professional (11.0.x or 11.5.x) are entitled to use Bing services until January 1st 2015. For details, contact your account representative.

Windows XP Support Expires in 2014

Microsoft has announced their retirement of the Windows XP operating system on April 8, 2014. MapInfo Professional will continue to be supported on this operating system for all MapInfo Professional 12.0.x releases, but will no longer support this operating system for the MapInfo Professional 12.5 release in 2014.

Maintenance Release 12.0.3

This section lists an update made since the 12.0.2 release. The 12.0.3 Maintenance Release is cumulative and includes all updates supplied with the 12.0.2 Maintenance Release.

- [New File Versions and TAB, MIF/MID, and WOR Support](#)
- [Support for MapInfo Manager 1.3.3](#)
- [Known Issues](#)

- **Progress and Resolution of Outstanding Issues**

New File Versions and TAB, MIF/MID, and WOR Support

In the MapInfo Professional Help System, the section titled **File versions and TAB, MIF/MID, and WOR Support** requires the following updates for this 12.0.3 release.

TAB	MIF-MID	WOR	Action
X	X	X	Ellipsoid GCS_Sphere #55. Semi Major Axis: 6371200.0 1/f: 0.0
X	X	X	Datum GCS_Sphere #161. Uses new GCS_Sphere ellipsoid #55.

Entry in the mapinfow.prj file

```
"--- NOAA GCS_Sphere ---"
```

```
"NOAA GCS_Sphere", 1, 161
```

Support for MapInfo Manager 1.3.3

There is now support for MapInfo Manager 1.3.3. You will have complete support for the ANZLIC metadata profile and multiple schemas. Refer to the *MapInfo Manager 1.3.3 Release Notes* for more information.

Note: MapInfo Professional 12.0.3 will not support MapInfo Manager 1.3.2 for the ANZLIC metadata profile. You need to upgrade to MapInfo Manager 1.3.3

Known Issues

Validating a Metadata Record

In MapInfo Manager for the ANZLIC profile, if you add more than one record in the **Cited responsibility party** section in the **Identification Information** tab, and click on the **Validate Record(s)** button, you will see the following error message.

```
Invalid content was found starting with element 'gmd:CI_Citation'. No child element is expected at this point.
```

Workaround

Delete a record from the **Cited responsibility party** section, so this section will contain exactly zero or one record, and then re-validate the record. The record will validate once again.

Editing a Metadata Record

In Swedish and Danish versions of MapInfo Professional, you will be unable to edit a metadata record harvested from the ANZLIC profile. If you click on the **Edit** button on the **Record Detail** window of the metadata viewer, you will see an error message.

Workaround

Follow the steps mentioned below:

1. Contact Technical Support for the file `secd_Anzlic_1_3.xml`. For more information, refer to www.mapinfo.com/support.
2. Replace this file in the location `C:\Program Files\MapInfo\Professional\Catalog Browser\`.
3. Restart MapInfo Professional.

Progress and Resolution of Outstanding Issues

Issue Number	Description and Resolution
MIPRO-21728	<p>You are unable to overwrite an existing table in MapCatalog. When you click the Save button after creating a new table in the same database and schema and with the same name as the table you just deleted, the following error message appears:</p> <p><code>Table <table_name> is already mappable in the mapcatalog.</code></p> <p>Resolution: Fixed. Saving a copy of a table into a database always failed if a record with the table's name already existed in the MapCatalog. You had to manually delete this record before saving a copy. The record is now deleted automatically from the MapCatalog while saving a copy of the table into the database.</p>
MIPRO-25707	<p>There is an issue with the Data Disaggregation dialog box when using the Erase function against a linked table. The value displayed in the Data Disaggregation dialog box is not accurate. The value seems to shift by one column.</p> <p>Resolution: Fixed.</p>
MIPRO-32332	<p>In MapInfo Professional, when you click the Edit button on the Record Detail window, the following error message appears:</p> <p><code>No Editor found for output schema.</code></p> <p>Resolution: Fixed.</p>
MIPRO-34288	<p>MapInfo Professional closes unexpectedly when saving many images from a map window containing raster data.</p> <p>Resolution: Fixed.</p>

Issue Number	Description and Resolution
MIPRO-34499	<p>A framework error message pops up when you run a SQL query to search for regions containing a point object. The error states that the polygon input is invalid.</p> <p>Resolution: Fixed.</p>
MIPRO-37324	<p>There is an error message when saving updates to an MS Access database connected through ODBC</p> <p>Resolution: Fixed.</p>

Maintenance Release 12.0.2

This section lists an update made since the 12.0.1 release. The 12.0.2 Maintenance Release is cumulative and includes all updates supplied with the 12.0.1 Maintenance Release.

- **Shift+Click Support in Browser**
- **Support for Cyber Japan Tile Server**
- **Support for HTML format for GetFeatureInfo for WMS layers**

Shift+Click Support in Browser

You can use Shift+Click in a browser window to select a range of rows.

To select a range:

1. Click the button at the left edge of the browser window and select a row.
2. Hold the `Shift` key and click a second row in the same browser. All rows within that range will be selected (the row you clicked including the row you have selected using Shift+Click).

Tip: Clicking on a row selects the row, but also clears any previous selection. To add another row to the already selected row, hold down the `Ctrl` key and click on the row you want to select. Similarly, holding down the `Ctrl` key while you perform Shift+Click will add that range of rows to the selection, instead of clearing the previous selection.

Support for Cyber Japan Tile Server

In MapInfo Professional 12.0.2, there will be additional support for the Cyber Japan tile server.

There will not be any MapBasic support for creating this type of table, although there is support for reading the TAB/XML files. To support this feature, two new sets of TAB files have been created in the TileServer subdirectory. These tables primarily contain data in the area of Japan, not in other parts of the world. They are:

1. `CyberJapanStandard.tab` - This file contains road-like data for Japan at levels 5-18.
2. `CyberJapanAerial.tab` - This file contains aerial imagery for Japan at levels 15-17.

There is also an additional `CyberJapanReadme.txt` file included in this version.

Support for HTML format for GetFeatureInfo for WMS layers

Support for HTML format has been added to WMS layers when using the Info tool. Currently, when using the Info tool on a WMS layer from a server which supports GetFeatureInfo, MapInfo Professional may be able to display the data in the Info tool provided that the format returned is supported. While it is still the default behavior, you can now specify that the preferred format for GetFeatureInfo is HTML, provided the format is supported by the server.

MapInfo Professional will launch the returned HTML data using the default browser on your system. This data is formatted by the server in a manner that may be easier to read compared to the data in the Info tool.

MapBasic Syntax

At present, you must enter a MapBasic command in the **MapBasic** window after the WMS table is created to specify that HTML is the preferred format when using the Info tool.

```
Set Table tablename Info Tool Prefer HTML {On | Off}
```

Note: The table must be of type WMS.

Specify "On" to make the preferred format HTML. Specify "Off" to return the default behavior.

Note: Changing the table setting to `Prefer HTML On` does not guarantee that the HTML format will be used. The WMS server must support this format.

This command will change the XML associated with the .TAB file for this WMS server. This is a one time task as long as you continue to use the file.

Known Issues

Working with a Metadata Record

When trying to edit a metadata record, the following error message will appear:

```
No editor found for output schema http://www.isotc211.org/2005/gmd
```

You will be unable to edit any metadata record.

Workaround

Create a configuration file, `mapinfow.exe.config`, in the folder where MapInfo Professional is installed. Add the following to the file that you created.

```
<?xml version="1.0" encoding="utf-8" ?>
<configuration>
  <runtime>
    <assemblyBinding xmlns="urn:schemas-microsoft-com:asm.v1">

      <!-- Do not remove the "dependentAssembly" sections related to miadm.dll,
      micm.dll, miinteropmanager.dll and mibase.dll -->

      <dependentAssembly>
        <assemblyIdentity name="miadm" publicKeyToken="1c8d81d2ee78b75d"
        culture="neutral" />
      </dependentAssembly>
    </assemblyBinding>
  </runtime>
</configuration>
```

```
<bindingRedirect oldVersion="9.5.0.0-12.0.0.208" newVersion="12.0.0.208"/>
</dependentAssembly>
<dependentAssembly>
  <assemblyIdentity name="micm" publicKeyToken="1c8d81d2ee78b75d"
culture="neutral" />
  <bindingRedirect oldVersion="9.5.0.0-12.0.0.208" newVersion="12.0.0.208"/>
</dependentAssembly>
<dependentAssembly>
  <assemblyIdentity name="miinteropmanager"
publicKeyToken="1c8d81d2ee78b75d" culture="neutral" />
  <bindingRedirect oldVersion="9.5.0.0-12.0.0.208" newVersion="12.0.0.208"/>
</dependentAssembly>
<dependentAssembly>
  <assemblyIdentity name="mibase" publicKeyToken="1c8d81d2ee78b75d"
culture="neutral" />
  <bindingRedirect oldVersion="9.5.0.0-12.0.0.208" newVersion="12.0.0.208"/>
</dependentAssembly>
</assemblyBinding>
</runtime>
</configuration>
```

Restart MapInfo Professional.

Important: The number **208** in the attributes `oldVersion="9.5.0.0-12.0.0.208"` and `newVersion="12.0.0.208"` represent the particular build number of MapInfo Professional displayed in the **File Version** item list for the files `miadm.dll`, `micm.dll`, `MiInteropManager.dll`, and `mibase.dll`. For MapInfo Professional 12.0.2, this build number will remain 208.

Progress and Resolution of Outstanding Issues

MapInfo Professional

Issue Number	Description and Resolution
MIPRO-25509	MapInfo Professional closes unexpectedly when trying to return a distributable license more than once to an inaccessible License Server Utility. Resolution: Fixed.
MIPRO-26270	In MapInfo Professional, some Geotiff images are unable to geo-register correctly. Resolution: Fixed.
MIPRO-27223	When trying to borrow licenses in different instances of MapInfo Professional, running simultaneously on a machine, the machine consumes multiple copies of the license.

Issue Number	Description and Resolution
	Resolution: Fixed.
MIPRO-34326	<p>Legend Designer samples for bar and pie themes are incorrectly proportioned on a Layout Window.</p> <p>Resolution: Fixed.</p>
MIPRO-34788	<p>MapInfo Professional sets incorrect field length when opening an Oracle table containing a field with length defined with 'chars' semantics from a database with multibyte character set. The corresponding field length gets multiplied by maximum bytes per character.</p> <p>Resolution: Fixed.</p>
MIPRO-34806	<p>The Workspace Resolver tool uses the ApplicationDirectory\$() function to store temporary files which are not Windows 7 compliant.</p> <p>Resolution: Fixed. All temporary files are now written into the temporary folder instead of the application directory.</p>
MIPRO-34877	<p>MapInfo Professional or MapInfo Runtime closes unexpectedly when a browser window is embedded in a host window.</p> <p>Resolution: Fixed. This issue occurs only in integrated applications that embed a browser window. Dismiss the dialog box, change the selection, and recreate the dialog box with a new embedded browser window. MapInfo Professional or MapInfo Runtime would eventually close unexpectedly if the above mentioned steps are repeated multiple times.</p>
MIPRO-35300	<p>MapInfo Professional generates an error when using the Legend Designer to add a Legend Text Frame if the text includes a straight double quotation mark (") instead of a smart double quotation mark (“ and ”).</p> <p>Resolution: Fixed. The workaround that was previously described in the <i>MapInfo Professional 12.0 Release Notes</i> is no longer required.</p>
MIPRO-35337	<p>A table saved as a new SQLite database in a British National Grid (BNG) projection does not line up with the original WGS 84 table.</p> <p>Resolution: Fixed. Spatial Reference metadata is now added to all FDO (SQLite) tables during a File > Save Copy As operation.</p>
MIPRO-35430	<p>When the Autoload option is selected for Google Earth Connection Utility, an error message appears every time MapInfo Professional starts. The error message only appears in situations where the path of the temporary folder contains a "." (dot), for example, C:\users\user.name\appdata\local\temp\, and write access is only available on the last folder in the path.</p>

Issue Number	Description and Resolution
	Resolution: Fixed.
MIPRO-35557	<p>The Remove All Guidelines option in the main menu (Legend Designer > Remove All Guidelines) is enabled or disabled incorrectly.</p> <p>Resolution: Fixed.</p>
MIPRO-35835	<p>If Spatial Reference tags are used in a TAB file metadata, MapInfo Professional will try to use them when opening the TAB file associated with an SQLite database.</p> <p>Resolution: Fixed. This Spatial Reference metadata is now updated during a File > Save Copy As operation for all table types.</p>
MIPRO-36412	<p>The Custom Polyline tool draws an incorrect rubber line when snapping and using bounded data</p> <p>Resolution: Fixed. The custom polyline tools are now specified by creating a toolbar button with DrawMode set to either "DM_CUSTOM_POLYLINE" or "DM_CUSTOM_POLYGON".</p>
MIPRO-36904	<p>MapInfo Professional closes unexpectedly when panning a map while the HotLink tool is active.</p> <p>Resolution: Fixed.</p>
MIPRO-37464	<p>MapInfo Professional or MapInfo Runtime may close unexpectedly due to an issue in the licensing module.</p> <p>Resolution: Fixed.</p>
MIPRO-37532	<p>If there are two open database connections, the Open Multiple Table dialog box lists tables from one database, but does not list the tables from the other database, after the second database is selected.</p> <p>Resolution: Fixed.</p>
MIPRO-37585	<p>When multiple layers are selected from the Layer Control window and the Layer Properties dialog box is opened, clicking the OK button on the Expression dialog box under the Label Display tab will produce the following error message:</p> <pre>Unhandled exception has occurred in a component in your application. If you click Continue, the application will ignore this error and attempt to continue.</pre> <p>Resolution: Fixed. If multiple layers are selected, the Layer Properties dialog box would not allow you to modify the label expression (unless all selected layers are based on the same table). The Expression button is disabled when appropriate.</p>

MapBasic

Issue Number	Description and Resolution
MIPRO-32867	<p>Create Ranges into Variable gives MapBasic error at runtime.</p> <p>The Create Ranges statement calculates thematic ranges, and you can create ranged Thematic map with numeric or temporal data (date, time, date/time). However, if the expression in the Create Ranges statement is temporal rather than numeric, an error occurs when running the application.</p> <p>Resolution: Fixed. Temporal expressions are now allowed. The variable into which the ranges are calculated must still be an array of type Float even if the expression is temporal.</p>
MIPRO-34025	<p>LocateFile\$() returns an empty string under certain circumstances for the following file IDs:</p> <ul style="list-style-type: none"> • LOCATE_WMS_SERVERLIST (11): XML list of WMS servers (MIWMSSERVERS.XML). • LOCATE_WFS_SERVERLIST (12): XML list of WFS servers (MIWFSSERVERS.XML). • LOCATE_GEOCODE_SERVERLIST (13): XML list of geocode servers (MIGEOCODESERVERS.XML). • LOCATE_ROUTING_SERVERLIST (14): XML list of routing servers (MIROUTINGSERVERS.XML). <p>If you do not use one of the above web services, then the LocateFile\$ function returns an empty string rather than the location of the server list file for that web service.</p> <p>Resolution: Fixed. The LocateFile\$ function now works correctly for these IDs. However, geocode and routing server list files are not installed with MapInfo Professional, so if you have not set up servers for these services, then LocateFile\$() still returns an empty string indicating that the file does not exist.</p>

Maintenance Release 12.0.1

This section lists updates made since the 12.0 release. This update is only for the English release of MapInfo Professional. This fix has already been applied to non-English releases.

Progress and Resolution of Outstanding Issues

Issue Number	Description and Resolution
MIPRO-35567	<p>When running MapInfo Professional on Windows 8, you may see a display issue when moving the Map window, sizing it, or restoring it from a maximized state. The Map window may leave pieces of itself drawn on other windows, usually a docked window.</p> <p>Resolution: Fixed.</p>