



Location Intelligence

## MapInfo™ Stratus Version 44

# Release Notes

This document contains information about Pitney Bowes MapInfo™ Stratus Release 44.

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## What's new in MapInfo Stratus?

This release of MapInfo Stratus has added a wide range of major new features for end users and administrators including phase I of the new "mobile-ready" user interface, which will support use on mobile, tablet and desktop browsers.

- **Mobile Ready User Interface:** Phase I of the new mobile ready user interface is released with the features described in [What's new in Mobile Ready User Interface?](#) on page 2 section.
- **Annotation styling:** Support has been added for end users to style map annotations. Line and fill colors and patterns can be changed with the changes persisted through KML export and import.

For more information, refer to `MapInfo Stratus User's Guide`.

## What's new in Mobile Ready User Interface?

The mobile ready user interface for MapInfo Stratus is being introduced incrementally. It is being designed from the ground up using HTML5 and Openlayers 3 and will provide a single interface that supports current desktop browsers and also all popular mobile and touch devices including iOS, Android and Windows. This release sees the delivery of phase I with the most commonly used functionality included. Both the current and new interfaces are available in this release. When the new interface is completed it will replace the existing one.

You can access MapInfo Stratus on mobile device by adding `mobile` to the MapInfo Stratus URL. For example,

```
https://stratusgreen-noidp1.pbi.global.pvt/connect/customerstratustenant1_noida/mobile
```

The features supported in this release are:

- **Map Navigation:** MapInfo Stratus navigation tools help you to explore the map visually. It allows you to Zoom in and Zoom out of map.
- **Address Search:** It provides you the search box to search for an address, place name and ZIP code etc.
- **Find My Nearest:** Whenever an address is selected after an address search is carried out, a Search Nearest button will appear on top of the addresses to search nearby locations.
- **Change the map configuration:** You can change the map configuration from the Map Configuration drop-down list.
- **Switch the Base Maps:** You can switch to a different type of background map. For example, Aerial, Hybrid and Roads map.

- **Working with Map Legends:** The map legend allows users to enable and disable the visibility of individual layers or groups of layers and to adjust the translucency of a layer group.
- **Change the language:** You can change the language of MapInfo Stratus from UI or from URL.

For more information, refer to *MapInfo Stratus Online Help*.

## What's New in MapInfo Stratus Map Uploader?

The MapInfo Stratus Uploader tool is available for download from the Administrator Console home tab. A new version of Map Uploader 43.0 is available.

For more information, refer to *MapInfo Stratus Map Uploader User's Guide*.

## Supported Browsers and Devices

MapInfo Stratus has been tested on the following browsers:

1. Microsoft Internet Explorer 9.0,10 and 11.
2. Mozilla Firefox 38.0.
3. Safari 8.0.7 on Mac.
4. Google Chrome 43.0.
5. iPad (Admin Console is not supported in iPad)
6. Android 4.3 & 4.4 and 5.0
7. Windows Mobile OS version 8.1

**Note:** Internet Explorer 6, 7 and 8 are not supported. Older versions of Firefox, Safari and Chrome are supported. iOS8 is not fully supported.

**Note:** IE8 browser version has significant limitations in standards compliance which impacts our development plans. Microsoft themselves will cease supporting the browser on January 12, 2016. Please see this [Microsoft blog](#) post regarding the minimum browser options that Microsoft will support.

## Supported Languages

MapInfo Stratus supports the following languages:

- cy (Welsh) (not for Admin Console)
- da (Danish)
- de (German)
- en (English- default)
- en\_AU (English- Australian)
- en\_GB (English- British)
- fi (Finnish)
- fr (French)
- nl (Dutch)
- pt (Portuguese)
- es (Spanish)
- ja (Japanese)

To launch either the MapInfo Stratus Admin Console or MapInfo Stratus in one of these languages, add a “lang” parameter to the end of the URL.

For example:

```
https://<server>:<port>/connect/stratus/?lang=en_GB
```

## Limitations and Known Issues in this Release

The following are the limitations and known issues in this release:

### MapInfo Stratus Map Uploader Tool

The limitations in MapInfo Stratus Map Uploader tool are listed below:

- When uploading data certain projections, geometry types and column names are not supported. The following are not supported:
  - Layers that contain special reserved words. See Appendix A in the MapInfo Stratus Administrator Tasks Guide for a list.
  - Layers that are in an unsupported projection. See Appendix B in the MapInfo Stratus Administrator Tasks Guide for a list.
  - Tab files containing the following geometries:
    - Collection (for example, a geometry comprised of a polygon + a line + a point)
    - Multi-Point
    - Text
    - Ellipse
- TAB files that have smoothing turned on for curve geometries in MapInfo Professional are not supported. Workaround: turn off smoothing prior to uploading data.
- Full-stop / period (.), plus (+) and ampersand (&) characters are no longer allowed in map and layer names. If your account contains existing maps or layers with these symbols in their names, then please be aware that unpredictable errors may be encountered.

Workaround: Delete the affected maps on the server, then rename and re-upload your maps and layers accordingly.

## Known Issues

The following are the known issues in this release of MapInfo Stratus:

Bug ID	Description
<b>CONN-16493</b>	<p>If labels are enabled for a map workspace and the column used for the labels has a '#' character, the map will fail to render in MapInfo Stratus.</p> <p>Workaround: if labels are required on a column that contains a '#' character then rename the column and save the TAB file prior to being uploaded to MapInfo Stratus.</p>

## MapInfo Stratus Administration Console

The limitations in MapInfo Stratus Administration Console are listed below:

- The Print Template Designer is not supported in Internet Explorer 10 and previous versions.
- For Japanese locale, the print designer template only supports Ms Gothic font.
- When adding WMS Maps geographic projections (which use degrees as units such as epsg:4326) are also supported. However you cannot add any mapping service layers to base maps that have

a geographic projection. This is because the Mapping Service used by Stratus does not render maps in a form that aligns with geographic projections. The misalignment is because the standard parallel is changed as the map is panned away from the equator (this is called moving standard parallel and is a feature of all MapInfo products). The misalignment is more pronounced as you move further north or south from the equator.

- When adding WMS Maps Stratus will initially default to using WMS version 1.1.1. If the WMS service supports both version 1.1.1 and 1.3.0 then the administrator can enter the version=1.3.0 parameter to their WMS URL to force Stratus to use that version.
- If you are viewing reports from the Reports menu in Administration Console, make sure to disable any pop-up blockers in your browser as these may prevent the report appearing.
- List of Address Search Logs in Stratus:
  - Zero records are always will be reported in column 6 for the number of results returned for the search.

## Known Issues

The following are the known issues in this release of MapInfo Stratus:

Bug ID	Description
<b>CONN-22133</b>	Move Up and Move Down buttons are not functioning on IE 10.
<b>CONN-17614</b>	Loss of Permission in case of re-uploading the same map name but with either different table or new Labels or new Object Thematic applied.  Workaround: Reset the permissions on that map from Admin Console again.
<b>CONN-17057</b>	When adding WMS Maps Stratus supports only the "text/plain" and "text/html" formats for the "Get Feature Info" requests. If a WMS service only supports the "application/vnd.ogc.gml" format then Stratus will show "Get Feature Info" as being unsupported.
<b>CONN-16447</b>	iPad issue: Unable to see what we are typing in "Add WMS Maps" window.  Workaround: You can split the keyboard to see the text.
<b>CONN-16290</b>	iPad issue: FMN Call out allows touch events on its body to pass to the map on iPad.
<b>CONN-16291</b>	iPad issue: The address call out, when shown subsequently, allows touch events on its body and links to pass to the map on iPad

## MapInfo Stratus

The limitations in MapInfo Stratus are listed below:

- If the length of a table, view, cluster, index or column is greater than 25 then Ranged Thematic and Summarize data functionality will not work.
- In IE browsers a warning dialog appears asking to you to confirm if you wish to see "secure content only" when requesting content from HTTP sites. Where referencing content from your own servers (such as banner images or images displayed in the map call out) and you choose to show "secure content only", then the images will not be shown. This only affects IE browsers.

Workaround:

- Serve such content from an https end point rather than http, or
- Provide the images (at the time of provisioning) to Pitney Bowes Software to place in the MapInfo Stratus SaaS environment.
- Use http instead of https to access MapInfo Stratus (http will work for sites that are accessible without logging in (e.g. where map configurations have been granted permissions for public)
- If using https- advise users to choose to "show all content" when they see the warning dialog.
- In IE browsers a warning dialog appears asking to you to confirm if you wish to see "secure content only" when using Open Street Map as a base map. Open Street Map is not available on a https protocol.

Workaround:

- Use http instead of https to access MapInfo Stratus. Http will work for sites that are accessible without logging in (e.g. where map configurations have been granted permissions for public)
- If you need to use https, then advise users to choose to show all content when using IE.
- The Hover events like tool-tips and name of annotation will not be supported for iPad and other touch devices.
- On all supported versions of Internet Explorer (IE9 and IE10) the property dialog for a TEXT Annotation is not shown when a user clicks it using the Select Annotation tool. Properties can be viewed by in the annotation manager.
- On IE, when user selects a feature on map & then tries to see its properties, he is unable to do when he clicks on its name.
- When using a point annotation for a query we will buffer the point by a value equivalent to 10 pixels in diameter and search for features that intersect the buffered point. This is the same behavior that is used when a user clicks the map to see a call out. Other geometries such as lines are not buffered in this way.
- Full querying of layers is not a capability of WMS services. Hence, the Stratus query functionality will appear disabled for a map configuration containing only WMS Business data.
- Mapping business layers on which zoom range has been applied do not appear in print preview at certain zoom levels especially the lowest and highest zoom range levels. During print preview

collation larger size of images are requested as compared to the tile size present on connect. This difference in size sometimes leads to business layers falling outside their prescribed zoom range, making them invisible in print preview.

- In Chrome browser, in case of multiple vector layers few of the business map tiles might be missing on the map. You need to restore the chrome browser.
- The querying in multiple annotation will not work if you perform it on multiple geometries.

## Known Issues

The following are the known issues in this release of MapInfo Stratus:

Bug ID	Description
<b>CONN-21962</b>	Labels do not appear in Map View whereas appears in Query View on a zoom level of 200m.  This is because of the zoom difference between feature and label layer. That will happen because business layers are 542 px wide and label layers are usually wider-1024. They will never match.
<b>CONN-22039</b>	When the map legend is long, due to large number of layers or due to layer contents, the legend in print is cut off.
<b>CONN-21623</b>	When a package is uploaded through MIPro with labels on but layers off then labels do not appear in Stratus.
<b>CONN-20921</b>	An extra generic legend entry 'all others' is displayed on MapInfo Stratus.
<b>CONN-17584</b>	Watermark (IE specific): If "http" protocol URL is used for the watermark, a security warning message on Stratus Connect Application appears.  Workaround: Select "No" to proceed.
<b>CONN-17459</b>	Watermark: Print functionality prints the original size of the image.
<b>CONN-17455</b>	iPad: Layer level selectivity does not show the check box filled if one of the individual layer is selected.
<b>CONN-17504</b>	WMS results shown in a call out can differ slightly from WMS results shown in the print PDF.
<b>CONN-16497</b>	Custom label styles created for individual labels in MapInfo Professional workspaces are not rendered in the maps used by MapInfo Stratus. Instead a default style and size is displayed for labels. Label style overrides will continue to work as long as individual styles are not changed.



Bug ID	Description
<b>CONN-16887</b>	If a Time value has a non-zero fraction of a second, the Stratus Queries will fail. As a workaround, do not specify fractions of second in time values.
<b>CONN-16498</b>	When rendering map symbols, the transparent background is not always rendered.
<b>CONN-16500</b>	Exported data containing any field with a line break will cause a new line to be created in the CSV export file.
<b>CONN-16504</b>	Properties of a selection made from "Pick from map feature" not showing when user clicks on the name of the feature made.
<b>CONN-16505</b>	Line properties do not appear when made inside another annotation.
<b>CONN-16506</b>	Point properties do not appear when made inside another annotation.
<b>CONN-16508</b>	When printing to PDF and where the call out information is to be included, the attribute data for WMS layers is not shown. Only attribute data from mapping service layers is shown.
<b>CONN-16406</b>	Radius: While importing the KML, the exact radius value is not shown.

## MapInfo Stratus Documentation

MapInfo Stratus has context sensitive help in Administration Console and MapInfo Stratus web applications. The following documents are available with this release:

SNo.	Documentation	Format	Locales	Description
1.	MapInfo Stratus Administration Guide	PDF \ Web Help	All, except Welsh	This guide describes admin tasks that includes how to start MapInfo Stratus, loading data, creating users and roles, managing permissions, repository overview and using named tiles and base maps.  <b>Note-</b> The images are not localized in MapInfo Stratus Administration Guide.
2.	MapInfo Stratus User's Guide	PDF \ Web Help	All	This guide covers information about MapInfo Stratus interactive mapping service.

SNo.	Documentation	Format	Locales	Description
3.	MapInfo Stratus Mobile Help	Web Help	English Only	This guide covers information about MapInfo Stratus interactive mapping service support on mobile device.
4.	MapInfo Stratus Map Uploader User's Guide	PDF \ Web Help	All, except Welsh	This guide describes how spatial data is uploaded from MapInfo Professional™ using the MapInfo Stratus Uploader tool.
5.	MapInfo Stratus Quick Start Guide	PDF	All, except Welsh	This guide will help you get started and introduce you to some of the key features and functionality of Stratus.
6.	MapInfo Stratus Release Notes	PDF	English Only	(this document) This release notes includes what's new, limitations and known issues etc. information in the current release.

The documentation for MapInfo Stratus can be accessed either from **Home** tab of **MapInfo Stratus Administration Console** or from the **MapInfo Stratus Online documentation** and support pages at [support.pb.com](https://support.pb.com).



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