

MAP INTELLIGENCE CLIENT FOR QLIKVIEW 11 SR2 –README

Please take a moment to read this document as it contains late-breaking information that will help get you up and running quickly with Map Intelligence. This *Readme* file relates to the *Map Intelligence Client for QlikView 11 SR2*.

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GETTING STARTED

Note: *If you are upgrading from a previous version of the Map Intelligence Client for QlikView, refer to “Upgrading from Previous Release” first.*

The content of the Map Intelligence installer can be accessed from the Autorun splash screen (start.exe).

If the software has been downloaded then the installation must be done from the directories in which the installer jar files are located.

DOCUMENTATION

MI Client 3.2.3 for QlikView Installation Guide – This guide explains how to install the Map Intelligence Client for QlikView 3.2.3.

MI Client 3.2.3 for QlikView Development Guide – This is a guide for Map Intelligence Developers, providing instructions to map enable QlikView documents.

End User License Agreement

ADDITIONAL DOCUMENTATION

Product documentation for Spectrum Spatial for Business Intelligence, including Map Intelligence SP and the clients are located here:

support.pb.com/spectrum

All documentation can be found under the Solution Guides section of the Product Documentation

PREREQUISITES

Please note that the *Map Intelligence Client for QlikView* can be installed on separate machines from the Map Intelligence Server.

Requirements for Map Intelligence Client for QlikView installation:

- Windows System (7, 2003, 2008)
- Map Intelligence Server - Version 3.2.4 or higher
- Internet Explorer 6.0 or higher.
- Java Development Kit 1.6 or higher
- QlikView 11 SR 2
- Internet Information Services (IIS) 6.0 or higher(with IIS 6 compatibility)

COMPATIBILITY

The *Map Intelligence Client for QlikView 3.2.3* has been tested in the Windows 2008, 2000, 2003 and XP environments.

BROWSERS

For best results when using Map Intelligence, it is recommended that you have Internet Explorer (IE) Version 8 installed.

WHAT'S NEW IN THIS RELEASE

ADDING CUSTOM TABS

Client developers can now add specific pages to their clients. These pages can be used to store data and then be picked up during map generation.

This is a 2 step process:

1. Create webapp/miclient/scripts/customTabs.js with the following content

```
function getExtraTabs()
{
    return [new Tab("tab title", "tab-page.html", true,
        Tab.NO_SERVER_SELECTED | Tab.ALL_SELECTED)];
}
```

2. Create your tab page (in the above example tab-page.html is used) in the webapp/miclient/html directory.

GUI TEMPLATES

With the introduction of the MING (Map Intelligence Next Generation) in the Map Intelligence Server v 3.2.2 comes GUI Templates. This enables developers to use an alternative mapping viewer. To accommodate this, there is a new option in the Global Settings -> Styles to select a custom template name.

For developers not using the MI Agent, if you have implemented your own `com.intego.mapIntelligence.client.wrapper.DocumentConfiguration`, you will need to implement 2 methods,

```
public boolean useCustomGui();
public String getGuiTemplate();
```

LOG OFF BUTTON

There is now a log off button next to the help button on the configuration page.

Its purpose is to end the user's BI session and free resources. There is an additional method in the `com.intego.mapIntelligence.client.wrapper.Client` class.

```
public void
    logoff()
    throws ClientException
```

Since it's not an abstract method, you won't have to implement it but there are plans to make it abstract in future releases.

LOCALIZATION

Localization of data is now supported. To set the locale, change the value of 'region' and 'language' in the client.properties file. This value must be the same as the MI server locale (see i18n.properties). Encoding is fixed to UTF-8.

The configuration screens are yet to be localized.

IMPORT MAP CONFIGURATIONS

Under the Global Settings, there is now an Import button on the Main Menu that will import the map configurations from other reports. Verification is performed which checks that all the column and data source names that are used, exist in the current document. Please note that this will not work with the csv client because the data source names reflect the filename and filenames are unique.

GUI CHANGES

The following are changes to make mapping more user friendly to users from a non GIS background

GLOBAL SETTINGS

Center Point Section – Address Option

- Suburb has been changed to City
- Postcode has been changed to ZIP/Postal Code
- An optional country field has been added.

Styles Section

The Styles Section now has 2 options, Default and Custom.

- The Title and Logo fields have now been moved to the Default Styles
- See GUI Templates for more information on the Custom option.

POINT LAYERS

Point Properties Section – Street Address Option

- An optional country field has been added.

The Data Source section has been split into 3 sections”

- The “Data Source” section which contains just the data source name.
- The “Map” section which contains
 - Map Layer to Color Code (previously named “Reference Region Layer”)
 - Label Column
 - Legend Description
 - Popup Description
- The “Data Column Common to Map and Data Source” section which contains
 - Data Source Join Column (previously named “ID Column”)
 - Map Layer Join Column (previously named “Region ID Column”).
- The ‘Fact Column’ was removed and is now only specified when setting a theme.

RELEASE HISTORY

WHAT WAS NEW IN 3.2 RELEASE

CUSTOMIZED LEGEND DESCRIPTION

The description of the legend can now be added manually for Relationship and Area Group layers. This is provided by a text field on each of the layer configuration screens. Text entered into the field will appear on the legend to describe the corresponding layer. If no text is entered, the legend description will be generated by Map Intelligence as in previous versions of the MI Client.

For further information see the following sections in the Map Intelligence Client User Manual:

- Configure Relationship Layers - Relationship Type Section
- Configure Area Group Layers - Data Source

LABEL COLUMN FOR AREA GROUP LAYERS AND REGION RELATIONSHIP LAYERS

The Region Relationship layer and Area Group layer configuration screens, now have a Label Column drop-down list, you can select the column in the map layer that contains the values to be used as labels for the regions.

For further information see the following sections in the Map Intelligence Client User Manual:

- Configure Relationship Layers - Relationship Type (Region option)
- Configure Area Group Layers - Data Source

Note: Map Intelligence IGP users: Labels will not be visible if the server setting Show Region Built-in Label has been set to No. Refer to the Settings section of the Map Intelligence Server Tools and Administration Guide.

CUSTOMIZED INFORMATION POP-UP DESCRIPTION

A new Popup Description field on both the Relationship layer and Area Group layer configuration screens allow you to enter a customized description to use for the Information Popups. The Popup Description describes each region of the layer.

For further information see the following sections in the Map Intelligence Client User Manual:

- Configure Relationship Layers - Relationship Type Section
- Configure Area Group Layers - Data Source

ENHANCED DATA COLUMNS FOR AREA GROUP LAYERS

The Display Information section on the Area Group layer configuration screen now have columns associated with them, each having an aggregation function. These columns can be specified as display columns to be included as additional information in the Information pop-up box.

For further information see the following sections in the Map Intelligence Client User Manual:

- [Configure Area Group Layers - Display Information Section](#)

RELATIONSHIP LAYER AND AREA GROUP LAYER - FEATURE RENDERING ATTRIBUTES

The Theme Builder Wizard, Features tab now allows you set the following attributes of regions on Relationship and Area Group layers.

- **Fill Opacity:** the opacity (transparency) of the colored or hatched regions;
- **Border Opacity:** the opacity (transparency) of the borders of regions;
- **Border Thickness:** The thickness of the borders of regions;
- **Border Color:** the color of the borders of regions; and
- **Hatch Color:** the color used to draw the hatches on the regions.

For further information see the following sections in the Map Intelligence Client User Manual:

- [Creating Themes for Relationship Layers](#)
- [Creating Themes for Area Group Layers](#)
- [Appendix B: Features Rendering Attributes](#)

REFRESH BUTTONS

Global Settings: A new refresh button adjacent to the Map Name drop-down list allows you to refresh the list of maps available on the server. Relationship layer configuration screen:

A refresh button in the Relationship Type section (Region option) allows you to refresh the Reference Region Layer drop-down list.

Area Group layer configuration screen: A refresh button in the Data Source section allows you to refresh the Reference Region Layer drop-down list.

For further information see the following sections in the Map Intelligence Client User Manual:

- [Global Settings - Server Settings](#)
- [Configure Relationship Layers - Relationship Type \(Region option\)](#)
- [Configure Area Group Layers - Data Source](#)

KNOWN ISSUES WITH THE CLIENT

Overlapping Point Layers

Inconsistency in the display of icon/color and data when a point has multiple overlaid point layers.

Chinese Characters in Point Layer Name

When using Chinese characters as the point layer label, MI Client considers the point layer name as invalid.

Incomplete Display of Data Using "&" in Tooltip

Tooltip does not display the complete string of characters when a data uses "&". Trailing characters are omitted.

Data is not displayed using "<" in Tooltip

Tooltip does not display the less than sign when a data uses "<".

Data is not displayed using "/" in Legend

Legend does not display the forward slash when a data uses "/".

Column names with "&" fails on round trip filter

Using "&" on column names will be sanitized the client and change it to "_". Therefore, applying the map filter to the document will fail.

Column names with "<" fails on round trip filter

Using "<" on column names will be sanitized the client and change it to "_". Therefore, applying the map filter to the document will fail.

Column names with ">" fails on round trip filter

Using ">" on column names will be sanitized the client and change it to "_". Therefore, applying the map filter to the document will fail.

Column names with "=" fails on round trip filter

Using "=" on column names will be sanitized the client and change it to "_". Therefore, applying the map filter to the document will fail.

LIMITATION OF THE CLIENT

Filename, column name and its data must not contain any of the delimiters

Delimiters defined on *client.properties*, *Script.js* and *Module Script* must not be used in filenames, column names and its values.

Numeric type column formatted with currency symbol

Numeric column with currency symbol will be converted to String. Provided that the currency symbol is the same with the currency symbol of the region set during the MI Client installation.