

World StreetPro

2016

Product Guide



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Product Overview

This product guide contains details of Pitney Bowes intermediate level mapping solution for the world - World StreetPro.

In this chapter:

- ◆ **Features** 5

Features

World StreetPro is an intermediate level digital map base for graphic output, and backdrop mapping. It includes roads, railways, international and administrative boundaries, urban areas, coastlines, waterbodies, land cover, gazetteers and more. World StreetPro can be used seamlessly with other parts of the PB Data portfolio to achieve robust solutions. It has workspaces allowing immediate value to be realised when using with Pitney Bowes software (such as MapInfo Professional) and can also be used within Spectrum Spatial for vector mapping or within tile generating feature.

World StreetPro Europe (Zoom Setting: 2000 Km)



World StreetPro Europe (Zoom Setting: 15 Km)



i If you do not purchase updates, your database may cease to reflect the current features.

Getting Started

This chapter provides useful information to get you started with World StreetPro. You will find file structures, installation instructions, information about workspaces and project files, procedures for opening feature layers, and spatial referencing tables.

In this chapter:

- ◆ **Software Requirements** 7
- ◆ **File Names** 7
- ◆ **Installing World StreetPro** 8
- ◆ **Opening World StreetPro in MapInfo Professional** 8
- ◆ **Using Workspaces** 9
- ◆ **Installation Structure (Collapsed)** 9
- ◆ **Workspace** 9

Software Requirements

World StreetPro is optimised to work with MapInfo Professional, MapXtreme and Spectrum Spatial Software.

File Names

The file sets in World StreetPro contain four different file types. Refer to the table below:

.dat	Data file
.id	Identification file
.map	Map file
.tab	Tabular file

Installing World StreetPro

The following table shows an example of a complete file set.

Example File Set

ferries.dat

ferries.id

ferries.map

ferries.tab

To use the data correctly, you must have access to all of the files in the file set, and all the files for each file set must be located in the same directory. For a list of file names, please see the section [File Names and Workspace Aliases in Chapter 3 on page 11](#).

Installing World StreetPro

For installation, the data is usually supplied as downloadable zip files.

We recommend that the data is installed into a data directory separate from any program or application directories.

Proceed as follows to install the World StreetPro:

1. Download and unzip the data to a directory on your computer. Run the **setup.exe** file.
2. Once the Welcome screen is displayed, click **Next** to continue.
3. Read the License Agreement, and, provided only that you accept all the terms and conditions, click "**I accept the agreement**", followed by **Next**.
4. Either accept the default destination location or click **Browse** to select a different folder (which must be on a local drive).
5. Click the **Install** button if you wish to proceed. Otherwise, click **Back** to change the folder, before proceeding.
6. Allow the installer to finish running. Once the installation is complete, you will be prompted to click **Finish**, in order to exit Setup. There is no need to restart the computer.

Opening World StreetPro in MapInfo Professional

To open and display your World StreetPro maps in MapInfo Professional, do one of the following:

- Use File > Open and select files of type MapInfo (*.tab) to open tables individually.

Or

- Use File > Open, select files of type Workspace (*.wor and .mws), and open the required workspace - the multiple tables associated with the selected workspace are opened automatically.

Using Workspaces

To help users get up and running quickly, Pitney Bowes provide workspace files that are optimized to show the data at multiple zoom levels. For information about overriding the details, please refer [Chapter 4 Mapping Basics using MapInfo Professional](#).

Where supplied, these workspaces use the following naming conventions: WOR files for use with MapInfo Professional (**wsp_continent-name*.wor**), or MWS files for use with Mapxtreme and Spectrum Spatial (**wsp_continent-name*.mws**).

*continent-name: Africa, Asia, Europe, North America or South America.

Installation Structure (Collapsed)

Following installation, the directory structure shown overleaf should have been automatically created in the selected location.

...pitneybowesdata\streetpro\world\continentnameyear

bonusdata contains:

- World and Ocean tables
- Marine Labels
- miCodemaster table

docs contains:

- World StreetPro Stub PDF (Contain link for Product Guide and Release Notes)
- License Document

metadata contains:

- Metadata xml

data contains:

- Data layers
- Workspace

Data & Table Descriptions

This chapter provides information on the feature layers included with World StreetPro, including spatial referencing, file names, display characteristics, table structure, and feature codes.

In this chapter:

- ♦ [Default Spatial Referencing](#) 10
- ♦ [File Names and Workspace Aliases](#) 11
- ♦ [World StreetPro Mapping Contents](#) 12
- ♦ [Display Characteristics and Table Structure](#) 12
- ♦ [Nation Codes](#) 22

Default Spatial Referencing

By default, the World StreetPro database uses the projection and coordinates listed in the table below. For more information about spatial referencing, please refer to [Chapter 4 Mapping Basics using MapInfo Professional](#).

Coordinate System	Longitude/Latitude (WGS84)
Coordinate Units	Decimal degrees
Projection	Longitude/Latitude

File Names and Workspace Aliases

The table below contains the file names and workspace aliases for each table in World StreetPro. Information about the display characteristics and table structure of each layer is available in the following section under each table's folder. To access this information directly from this table, click the table name. The tables are listed in alphabetical order.

Table Name	Workspace Alias	Table Description
..\admin_a0_xx.*	Admin_Level0	Administrative Level 0 Boundaries
..\admin_a1_xx.*	Admin_Level1	Administrative Level 1 Boundaries
..\admin_a2_xx.*	Admin_Level2	Administrative Level 2 Boundaries
..\services_xx.*	Services	Airports, Ferry and Stations points
..\capital_city_xx.*	Capital_City	Capital Cities
..\ferries_xx.*	Ferries	Ferries
..\landcover_xx.*	Landcover	Landcover
..\major_city_xx.*	Major_City	Major Cities
..\major_town_xx.*	Major_Town	Major Towns
..\waterbodies_xx.*	Waterbodies	Major Waterbodies
..\bonusdata\ocean.*	Ocean	Ocean
..\railways_xx.*	Railways	Railways
..\street_s1_xx.*	Street_Level1	Street Network - Motorways
..\street_s2_xx.*	Street_Level2	Streets Network - Main Roads
..\street_s3_xx.*	Street_Level3	Street Network - Other Major Roads
..\street_s4_xx.*	Street_Level4	Street Network - Secondary Roads
..\town_xx.*	Town	Towns
..\urban_xx.*	Urban	Urban Areas
..\bonusdata\wrlda0.*	World	World Layer

Note:

* refers to all layer files (dat, id, map and tab)

xx represents continent name (for country specific data cuts, xx is replaced by ISO3 country code)

xx represents two letter continent code viz. AF (Africa); AS (Asia); EU (Europe) – Split into *_e1 (Eastern Europe) and *_e2 (Western Europe); NA (North America); SA (South America)

World StreetPro Mapping Contents

World StreetPro contains the feature layers listed below. Information about each layer is available in the sections that follow the list, where the tables are organised by the continent folders into which they are grouped on the product media. To access the accompanying information directly from the list below, click the hyperlink following the appropriate bullet:

- [Administrative Boundaries](#)
- [Ferry Routes ferries_xx.*](#)
- [Gazetteer Layers](#)
- [Landcover landcover_xx.*](#)
- [Ocean ocean.*](#)
- [Railways railways_xx.*](#)
- [Services services_xx.*](#)
- [Street Layers street_level1_xx.* - street_level4_xx.*](#)
- [Urban Areas urban_xx.*](#)
- [Waterbodies waterbodies_xx.*](#)
- [World Layer Wrlida0.*](#)

Display Characteristics and Table Structure

This section contains technical information about the display characteristics and table structure of each feature layer.


Administrative Boundaries

The Administrative Layers are named to reflect the names of the administrative areas used by the country.

Administrative 0 [admin_a0_xx.*](#)

The Administrative 0 Boundaries table shows the country boundaries.

Display Characteristics


miCode	Feature	Symbol	Graphic Object Details
50010100	Administrative 0		Brush(2,16316906,16777215)! Pen(1,2, 10000002)

Administrative 1 [admin_a1_xx.*](#)

The Administrative 1 Boundaries table shows the boundaries of first level administrative areas.

Display Characteristics and Table Structure

Display Characteristics

miCode	Feature	Symbol	Graphic Object Details
50010101	Administrative 1		Brush(1,0,16777215)! Pen (2,2,10000002)

Administrative 2 `admin_a2_xx.*`

The Administrative 2 Boundaries table shows the boundaries of second level administrative areas.

Display Characteristics


miCode	Feature	Symbol	Graphic Object Details
50010102	Administrative 2		Brush(1,0,16777215)! Pen(1,2,10000002)

Table Structure

Field	Description	Type (Width)
Name	Official Name	Character (100)
Name_Lng	Official Name Language Code	Character (3)
miCode	PB Feature Classification	Integer
FeatureID	Unique Feature Identifier in this version	Decimal (17,0)
ISO3	3-letter Country Code defined in ISO 3166-1	Character (3)
Country	Country Name	Character (50)

Urban Areas `urban_xx.*`

The Urban Areas table contains region objects that represent built-up areas.

Display Characteristics


miCode	Feature	Symbol	Graphic Object Details
50040200	Built-up area		Brush (2, 14737632, 16777215)! Pen (1, 2, 14737632)

Table Structure

Field	Description	Type (Width)
Name	Name of built-up area	Character (100)
Name_Lng	Name Language Code	Character (3)
miCode	PB Feature Classification	Integer
FeatureID	Unique Feature Identifier in this version	Decimal (17,0)
ISO3	3-letter Country Code defined in ISO 3166-1	Character (3)
Country	Country Name	Character (50)

World Layer Wrlida0.*

The World Layer table displays international boundaries covering the whole world. These boundaries are at a reduced resolution for small-scale use.

Display Characteristics


miCode	Feature	Symbol	Graphic Object Details
50010100	World Boundary		Brush (2, 16316906, 16777215)! Pen (1, 2, 10000002)

Table Structure


Field	Description	Type (Width)
Name	Country Name	Character (70)
Name_Lng	Language of country name	Character (3)
Name_en	Name in English	Character (70)
Name_fr	Name in French	Character (70)
Name_de	Name in German	Character (70)
Name_it	Name in Italian	Character (70)
Name_es	Name in Spanish	Character (70)
A0_ISO	ISO two character country code	Character (2)
miCode	PB Feature Classification	Integer
SmartLabel	Country Name with added carriage return	Character (70)

Gazetteer Layers

The gazetteer layers contain points for country capitals through to towns.


Capital City `capital_city_xx.*`

Display Characteristics

miCode	Feature	Symbol	Graphic Object Details
80010200	National capital		Symbol(61,13697024,10, "MapInfo Cartographic",256,0)


Major City `major_city_xx.*`

Display Characteristics

miCode	Feature	Symbol	Graphic Object Details
80010101	Major City		Symbol (47,0,9, "MapInfo Cartographic",256,0)

Major Town `major_town_xx.*`

Display Characteristics

miCode	Feature	Symbol	Graphic Object Details
80010102	City or major town		Symbol (46,0,7, "MapInfo Cartographic",256,0)

Town `town_xx.*`

Display Characteristics


miCode	Feature	Symbol	Graphic Object Details
80010103	Town Symbol		Symbol (34,16777215,6)

Table Structure

Field	Description	Type (Width)
Name	Official Name	Character (100)
Name_Lng	Official Name Language Code	Character (3)

Field	Description	Type (Width)
miCode	PB Feature Classification	Integer
FeatureID	Unique Feature Identifier in this version	Decimal (17,0)
ISO3	3-letter Country Code defined in ISO 3166-1	Character (3)
Country	Country Name	Character (50)

Landcover **landcover_xx.***

The Landcover table contains region objects representing beaches, dunes, moorlands, heathlands, and woodlands.

Display Characteristics




miCode	Feature	Symbol	Graphic Object Details
60020100	Forest/Sanctuary		Brush(2,13364181,16777215)! Pen(1,2, 13364181)
60020300	Beach/dune		Brush(49,16760832,16777215)! Pen(1,3,16764992)
60020400	Moor/heathland		Brush(16,12560301,16777215)! Pen(1,3, 12560301)

Table Structure















Field	Description	Type (Width)
Description	Description of Land cover type	Character (100)
miCode	PB Feature Classification	Integer
FeatureID	Unique Feature Identifier in this version	Decimal (17,0)
ISO3	3-letter Country Code defined in ISO 3166-1	Character (3)
Country	Country Name	Character (50)

Services **services_xx.***

The Airports table contains airports. The Stations table is a point file of bus stations, railway stations and ferry terminals.

Display Characteristics and Table Structure

Display Characteristics

miCode	Feature	Symbol	Graphic Object Details
10310000	Airport - Unclassified		Symbol (87,167,16, "MapInfo Transportation",256,0)
10310010	Check-in Facility at airport		Symbol(34,167,7, "MapInfo Cartographic",256,0)
10310011	Check-in Facility at airport, departures		Symbol(34,167,7, "MapInfo Cartographic",256,0)
10310012	Check-in Facility at airport, arrivals		Symbol(34,167,7, "MapInfo Cartographic",256,0)
10310013	Check-in Facility at airport, departure/arrivals		Symbol (34,167,7, "MapInfo Cartographic",256,0)
10310100	Airport - Civil		Symbol(72,13697024,12, "MapInfo Real Estate",257,0)
10310101	Airport - Public		Symbol(72,4474083,14, "MapInfo Real Estate",257,0)
10310102	Airport - Private		Symbol(72,0,14, "MapInfo Real Estate",257,0)
10310200	Airport - Military		Symbol(72,5263360,12, "MapInfo Real Estate",257,0)
10310300	Helipad		Symbol(90,128,18, "MapInfo Transportation",257,0)
10310400	Seaplane Anchorage or dock		Symbol(89,128,18, "MapInfo Transportation",257,0)
10320100	Ferry terminal /Wharf/Jetty/ Pontoon		Symbol (98,167,18, "MapInfo Transportation",256,0)
10320101	Ferry Terminal ship/hovercraft		Symbol(98,22015,14, "MapInfo Transportation",256,0)
10320102	Ferry Terminal Train		Symbol(109,167,16, "MapInfo Transportation",256,0)








miCode	Feature	Symbol	Graphic Object Details
10320200	Railway station, Undefined		Symbol (110,0,18, "MapInfo Transportation",256,0)
10320201	Railway station, Underground/metro		Symbol(64,16742656,10, "MapInfo Transportation",256,0)
10320202	Railway station, International		Symbol(110,6316128,18, "MapInfo Transportation",256,0)
10320203	Railway Station, National		Symbol(110,6316128,18, "MapInfo Transportation",256,0)
10320204	Railway station, (Sub) urban		Symbol(110,6316128,18, "MapInfo Transportation",256,0)
10320300	Bus terminal /Depot		Symbol (111,0,18, "MapInfo Transportation",256,0)
10320301	Public Transport Stop - Unspecified		Symbol (111,0,18, "MapInfo Transportation",256,0)

Table Structure

Field	Description	Type (Width)
Name	Official Name	Character (100)
Name_Lng	Official Name Language Code	Character (3)
miCode	PB Feature Classification	Integer
FeatureID	Unique Feature Identifier in this version	Decimal (17,0)
ISO3	3-letter Country Code defined in ISO 3166-1	Character (3)
Country	Country Name	Character (50)

Street Layers `street_level1_xx.*` - `street_level4_xx.*`

The street layers contain motorways, major, minor and secondary roads. Roads of major network importance are held in the Street 1 layer, with subsequent layers containing streets in decreasing order of importance.

Display Characteristics and Table Structure

Display Characteristics





miCode	Feature	Symbol	Graphic Object Details
20010100	Motorways		Pen (25, 2, 13794428)
20020100	Main Roads		Pen (25, 2, 8762781)
20030100	Other Major Roads		Pen (25, 2, 8762781)
20050100	Secondary Roads		Pen (20, 2, 12632256)

Table Structure

Field	Description	Type (Width)
Road_No	Road number	Character (15)
Road_Name	Official Street Name	Character (100)
Road_Nm_Lng	Official Street Name Language Code or "UND" for undefined	Character (3)
miCode	PB Feature Classification	Integer
FeatureID	Unique Feature Identifier in this version	Decimal (17,0)
ISO3	3-letter Country Code defined in ISO 3166-1	Character (3)
Country	Country Name	Character (50)

Railways railways_xx.*

The Railways table contains railway lines.

Display Characteristics


miCode	Feature	Symbol	Graphic Object Details
40010100	Railway Line		Pen (1, 27, 8421504)

Table Structure

Field	Description	Type (Width)
Name	Official Name	Character (100)
Name_Lng	Official Name Language Code	Character (3)
miCode	PB Feature Classification	Integer
FeatureID	Unique Feature Identifier in this version	Decimal (17,0)
ISO3	3-letter Country Code defined in ISO 3166-1	Character (3)
Country	Country Name	Character (50)

Ferry Routes *ferries_xx.**

The Ferries layer displays ferries from Worldwide ferry networks.

The Ferry Routes table contains ferry connections classified by mode of operation.

Display Characteristics





miCode	Feature	Symbol	Graphic Object Details
70010100	Ferry, operated by ship/hovercraft		Pen (1,9,4227327)
70020100	Ferry, operated by train		Pen (1,9,0)
70010110	Vehicular Ferry		Pen (1,9,4227327)
70010120	Passenger Ferry		Pen (1,9,4227327)

Table Structure


Field	Description	Type (Width)
Name	Official Name	Character (100)
Name_Lng	Official Name Language Code	Character (3)
miCode	PBS Feature Classification	Integer
FeatureID	Unique Feature Identifier in this version	Decimal (17,0)
ISO3	3-letter Country Code defined in ISO 3166-1	Character (3)

Display Characteristics and Table Structure

Field	Description	Type (Width)
Country	Country Name	Character (50)

Ocean ocean.*

The Ocean layer is a rectangle representing the ocean for the whole world.

 Display the ocean below all other layers.

Display Characteristics


Feature	Symbol	Graphic Object Details
Ocean		Brush(2,11130623,16777215)! Pen(1,2,11130623)

Table Structure

Field	Description	Type (Width)
Ocean	Ocean polygon	Character (10)

Waterbodies waterbodies_xx.*

The Waterbodies table contains region objects (and lines) that represent water bodies such as lakes, rivers, and canals.

Display Characteristics




miCode	Feature	Symbol	Graphic Object Details
30030100	Water feature, lake		Brush(2,11130623,16777215)! Pen(1,2,11130623)
30040100	Water feature, ocean or sea		Brush(2,11130623,16777215)! Pen(1,2,11130623)
30050800	Water feature, undefined		Brush(2,11130623,16777215)! Pen(1,2,11130623)

Table Structure

Field	Description	Type (Width)
Name	Official Name	Character (100)

Field	Description	Type (Width)
Name_Lng	Official Name Language Code	Character (3)
miCode	PB Feature Classification	Integer
FeatureID	Unique Feature Identifier in this version	Decimal (17,0)
ISO3	3-letter Country Code defined in ISO 3166-1	Character (3)
Country	Country Name	Character (50)

Mapping Basics using MapInfo Professional

This chapter provides instructions on several basic tasks that you are likely to perform with World StreetPro data, including managing layers in a workspace, changing display styles, labelling features, finding information, and setting spatial referencing.

i These topics are covered in more detail in the MapInfo Professional documentation set. **This Chapter is not updated frequently.** For **complete and updated information**, refer the [MapInfo Professional Documentation](#).

In this chapter:

- ♦ [Managing World StreetPro Tables using Layer Control](#) 24
- ♦ [Changing the Display Style of a Map Layer](#) 25
- ♦ [Labelling Features and Changing Label Settings](#) 26
- ♦ [Finding Information](#) 27
- ♦ [Setting Spatial Referencing](#) 28

Managing World StreetPro Tables using Layer Control


In [Chapter 2 Getting Started](#), we explained how to open multiple tables automatically in workspaces. Each table opens in the workspace as a separate layer in the map window. For example, motorways are displayed in a layer called **street_s1_xx**, and point object railway stations are displayed in a layer called **services_xx**.

Each layer is displayed with preset label, zoom and display settings. You can use **Layer Control** (**Explorer** if MapInfo Professional 64 bit is installed) to override the predetermined settings and control other aspects of the workspace, for example to:

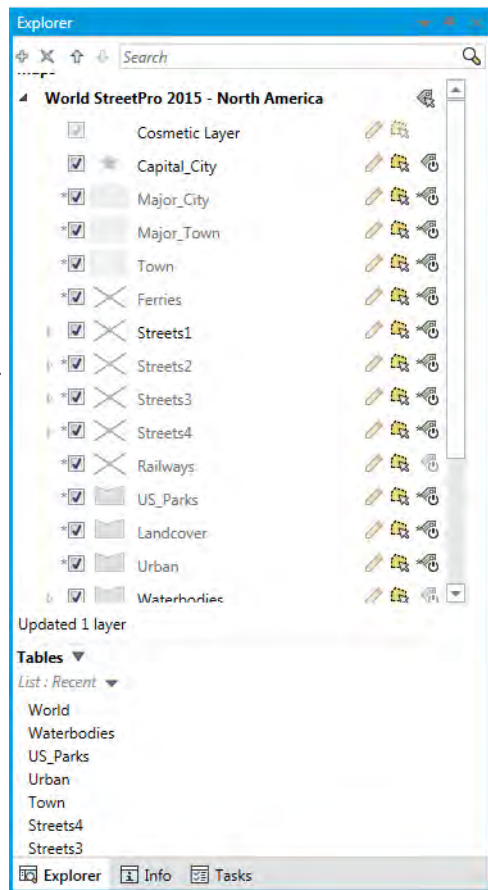
- Remove layers from the map window without closing the tables;
- Add layers to the map window;
- Change how the layers look while they are displayed in the map window;
- Set the labeling conditions for each layer;
- Set whether a layer is visible, editable, selectable, or labelled;
- Set the zoom level so that local features are displayed only when you are close enough to see the detail;
- Re-order the layers to hide or expose other map features.

Opening the Layer Control Dialog

Access the **Layer Control** dialog by doing one of the following:

- Select **Map > Layer Control** (**Explorer** if MapInfo Professional 64 bit is installed) from the MapInfo Professional menu bar.
- Right-click in a map window and choose **Layer Control** from the popup menu.
- Click the **Layer Control** button  on the **Main** toolbar.

The following dialog is displayed:



i For detailed information about how to use **Layer Control**, please see the MapInfo Professional documentation set. Information about using **Layer Control** to change display styles and features follows in this chapter.

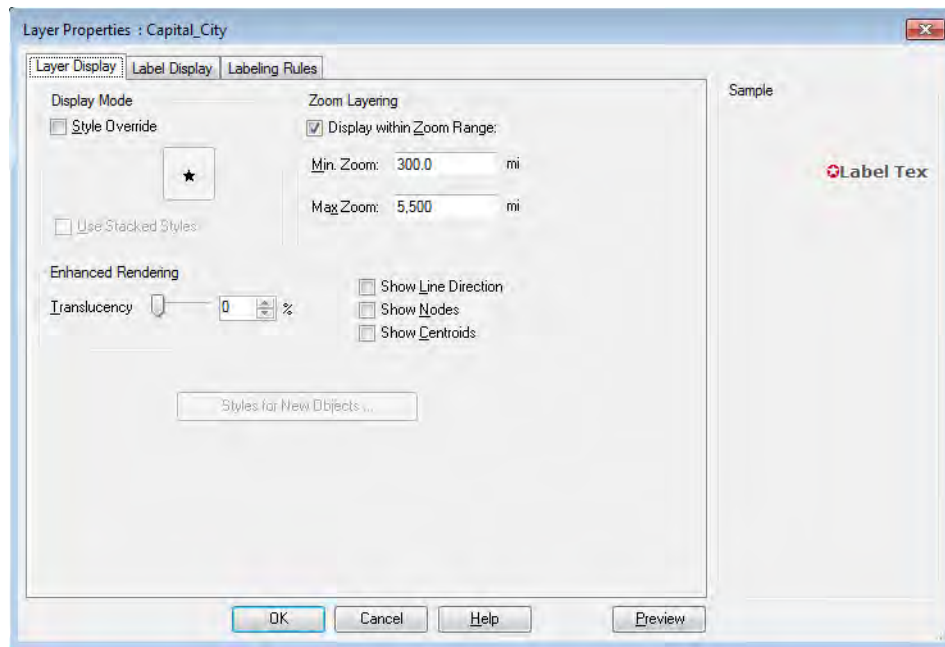
Changing the Display Style of a Map Layer

Whether you have opened a layer individually or in a workspace, you can temporarily change its display settings using the **Layer Control (Explorer if MapInfo Professional 64 bit is installed)** dialog:

1. Proceed as in [Opening the Layer Control Dialog on page 24](#).
2. Click on the layer you want to change in order to highlight it.


Labelling Features and Changing Label Settings

3. Click the **Display** button to bring up the **Display Options** dialog:



4. Make any changes to the settings in the **Zoom Layering** panel.
5. Select the **Style Override** check box to activate the map feature display button.
6. Click the map feature display button. The **Symbol Style** dialog is displayed.
7. Make any changes to the settings in the style dialog.
8. Click **OK** to return to the **Display Options** dialog.
9. Click **OK** to return to the **Layer Control** dialog. Click **OK** again to return to the map window.
10. The map window is redrawn, displaying your changes.

Labelling Features and Changing Label Settings

You can label features one at a time using the MapInfo Professional **Label** tool . By default, MapInfo Professional labels the topmost feature, but you can label other features by holding down the **Ctrl** key while you click.

To label an entire layer at once, use **Layer Control**. To do this, follow the instructions below.

1. Proceed as in [Opening the Layer Control Dialog on page 24](#).
2. Click the **Label** check box next to the layer that you wish to label.


3. Click **OK**.

The map window is redrawn, displaying labels for the features in the layer that you chose to label.

Changing Label Settings

MapInfo Professional's **Label** feature starts with preset characteristics. To alter these settings, follow the instructions below.

1. Proceed as in [Opening the Layer Control Dialog on page 24](#).
2. Click on the layer you want to change. It is highlighted.
3. Click the **Label** button. The **Label Options** dialog is displayed.
4. Make the desired changes and click **OK** to return to the **Layer Control** dialog.
5. Ensure that the label box is checked if you want to automatically label the entire layer.
6. Click **OK**.
The map window is redrawn, displaying labels for the features in the layer that you chose to label.


 To change the attributes of a single label, double-click it using the MapInfo Professional **Select** tool. The **Label Style** dialog appears. Make the necessary changes and click **OK**.


Saving Labels and Label Settings

To save the labels and label settings, select **File > Save Workspace**. The labels and any other changes you may have made will be saved collectively as a workspace.

Finding Information

Another basic advantage of using maps with World StreetPro is the ability to find information about a feature.

The easiest way to do this is to click on the feature using the Information tool  - information about every map object at that point is displayed in the **Information Tool** window.

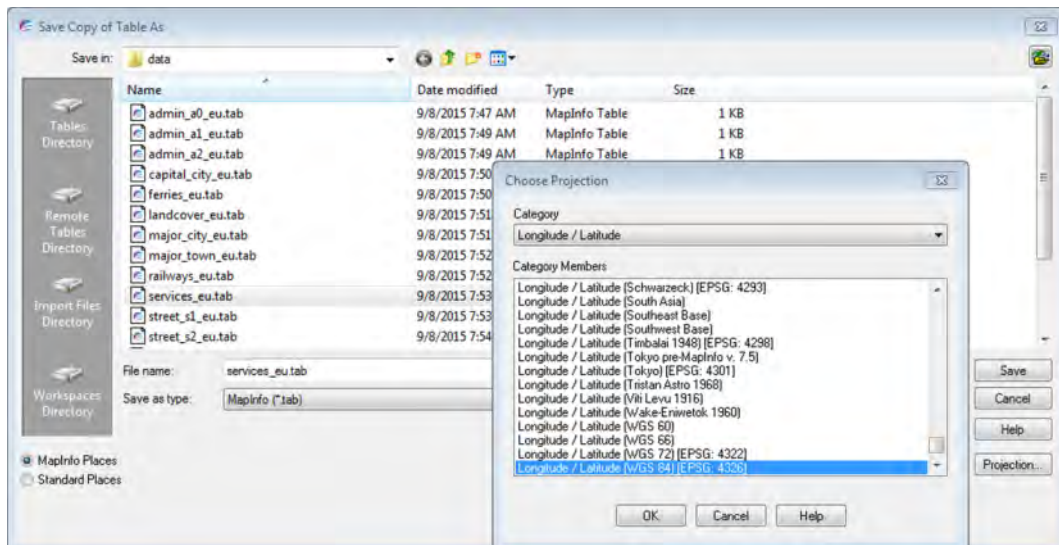
 If there is more than one object listed in the window, click on the name of the feature in the window to view all the information associated with the object.

Setting Spatial Referencing

The map layers in World StreetPro come with the preset spatial referencing detailed in [Chapter 3 Data & Table Descriptions](#).

You may change this spatial referencing to match the spatial referencing system of your own data. To do this, follow the instructions below.

1. Open a World StreetPro table or workspace in MapInfo Professional.
2. Select **File > Save Copy As**, to bring up the **Save Copy As** dialog.
3. Choose the table for which you want to change the projection and click the **Save As** button. The **Save Copy of Table As** dialog is displayed.
4. Either choose a new name and/or directory for the table, or leave the table name and directory the same to overwrite the table with a new projection.
5. Click the Projection button. The following dialog appears.



6. Choose a new **Category** and then select a **Category Member**.
7. Click **OK**. You are returned to the previous dialog.
8. Click **Save**.

Your map is redrawn showing the new spatial referencing settings. The changes are permanently saved to the table.

Editing World StreetPro in MapInfo Professional

With MapInfo Professional, you can change line styles, add and delete features, modify table structures, reshape streets, change names, and much more. This chapter explains how to edit World StreetPro map layers.

i These topics are covered in more detail in the MapInfo Professional documentation set. For complete and updated information, refer the MapInfo Professional documentation.

In this chapter:

- ♦ **Before you Start** 29
- ♦ **General Editing Procedures** 30
- ♦ **Changing the Fill Patterns of Boundaries** 30
- ♦ **Reshaping Boundaries or Streets** 30
- ♦ **Changing Point Symbols** 31

Before you Start


i You can only edit one table at a time. It is a good idea to save a backup copy of your data before making any changes.

General Editing Procedures

To edit a World StreetPro map layer, follow the instructions below:

1. Proceed as in [Opening the Layer Control Dialog in Chapter 4 on page 24](#).
2. Select the **Editable** check box (pencil icon) of the layer that you wish to modify.
3. Click **OK**.


The **Drawing Tools** in the Toolbar become active and you are ready to make changes to the layer.

 For more information on using the editing tools, refer to your MapInfo Professional Online Help.

Changing the Fill Patterns of Boundaries


To permanently change the colour or fill pattern of a boundary:


1. Select the boundary.
2. Select **Options > Region Style**. The **Region Style** dialog is displayed.
[Note: Select **Style > Region Style**, if MapInfo Professional 64 bit is installed.]
3. Scroll through the fill and colour palettes to choose the desired colour and fill.
4. Click **OK** to apply the changes.

 To change the fill pattern for the entire layer temporarily, use **Layer Control** as described in the section [Changing the Display Style of a Map Layer in Chapter 4 on page 25](#)".

Reshaping Boundaries or Streets

To reshape a boundary or street:

1. Select the object.
2. Either select **Edit > Reshape** or select the **Reshape tool** .
Nodes (small boxes) appear at every juncture where segments meet.
3. Move or delete existing nodes or add new nodes.

 This is particularly useful when boundaries change over time. You can update the data yourself by simply adding, moving, and deleting nodes. For more information, refer to the MapInfo Professional Online Help.

Changing Point Symbols

To change the symbols of points:

1. Select the point(s) you want to change.
2. Select **Options > Symbol Style**. The **Symbol Style** dialog is displayed.
[Note: Select **Style > Symbol Style**, if MapInfo Professional 64 bit is installed.]
3. Scroll through the symbol and colour palettes and choose the desired colour and symbol.
4. Click **OK** to apply the changes.



Abbreviations

World StreetPro uses the three-character country codes established by International Standard ISO 3166-1: 1997. The ISO 3166-1 alpha-3 codes represent countries, dependent territories, and special areas of geographical interest. They are based on lists of country names from the United Nations and these codes are reproduced in the table overleaf.

Abbreviations

Continent Code	ISO2 Code	ISO3 Code	Country Name (in English)
AF (Africa)	DZ	DZA	Algeria, People's Democratic Republic of
	AO	AGO	Angola, Republic of
	BJ	BEN	Benin, Republic of
	BW	BWA	Botswana, Republic of
	BF	BFA	Burkina Faso
	BI	BDI	Burundi, Republic of
	CM	CMR	Cameroon, Republic of
	CV	CPV	Cape Verde, Republic of
	CF	CAF	Central African Republic
	TD	TCD	Chad, Republic of
	KM	COM	Comoros, Union of the
	CD	COD	Congo, Democratic Republic of the
	CG	COG	Congo, Republic of the
	CI	CIV	Cote d'Ivoire, Republic of
	DJ	DJI	Djibouti, Republic of
	EG	EGY	Egypt, Arab Republic of
	GQ	GNQ	Equatorial Guinea, Republic of
	ER	ERI	Eritrea, State of
	ET	ETH	Ethiopia, Federal Democratic Republic of
	GA	GAB	Gabon, Gabonese Republic
GM	GMB	Gambia, Republic of the	
GH	GHA	Ghana, Republic of	
GN	GIN	Guinea, Republic of	
GW	GNB	Guinea-Bissau, Republic of	

Continent Code	ISO2 Code	ISO3 Code	Country Name (in English)
AF (Africa)	KE	KEN	Kenya, Republic of
	LS	LSO	Lesotho, Kingdom of
	LR	LBR	Liberia, Republic of
	LY	LBY	Libyan Arab Jamahiriya
	MG	MDG	Madagascar, Republic of
	MW	MWI	Malawi, Republic of
	ML	MLI	Mali, Republic of
	MR	MRT	Mauritania, Islamic Republic of
	MU	MUS	Mauritius, Republic of
	YT	MYT	Mayotte
	MA	MAR	Morocco, Kingdom of
	MZ	MOZ	Mozambique, Republic of
	NA	NAM	Namibia, Republic of
	NE	NER	Niger, Republic of
	NG	NGA	Nigeria, Federal Republic of
	RE	REU	Reunion
	RW	RWA	Rwanda, Republic of
	SH	SHN	Saint Helena
	ST	STP	Sao Tome and Principe, Democratic Republic of
	SN	SEN	Senegal, Republic of
	SC	SYC	Seychelles, Republic of
SL	SLE	Sierra Leone, Republic of	
SO	SOM	Somalia, Somali Republic	
ZA	ZAF	South Africa, Republic of	
SS	SSD	South Sudan	

Abbreviations

Continent Code	ISO2 Code	ISO3 Code	Country Name (in English)
AF (Africa)	SD	SDN	Sudan, Republic of
	SZ	SWZ	Swaziland, Kingdom of
	TZ	TZA	Tanzania, United Republic of
	TG	TGO	Togo, Togolese Republic
	TN	TUN	Tunisia, Tunisian Republic
	UG	UGA	Uganda, Republic of
	EH	ESH	Western Sahara
	ZM	ZMB	Zambia, Republic of
ZW	ZWE	Zimbabwe, Republic of	
AN (Antarctica)	AQ	ATA	Antarctica (the territory South of 60degS)
	BV	BVT	Bouvet Island (Bouvetoya)
	TF	ATF	French Southern Territories
	HM	HMD	Heard Island and McDonald Islands
	GS	SGS	South Georgia and the South Sandwich Islands
AS (Asia)	AF	AFG	Afghanistan, Islamic Republic of
	AM	ARM	Armenia, Republic of
	AZ	AZE	Azerbaijan, Republic of
	BH	BHR	Bahrain, Kingdom of
	BD	BGD	Bangladesh, People's Republic of
	BT	BTN	Bhutan, Kingdom of
	IO	IOT	British Indian Ocean Territory (Chagos Archipelago)
	BN	BRN	Brunei Darussalam
	KH	KHM	Cambodia, Kingdom of
	CN	CHN	China, People's Republic of
	CX	CXR	Christmas Island

Continent Code	ISO2 Code	ISO3 Code	Country Name (in English)
AS (Asia)	CC	CCK	Cocos (Keeling) Islands
	HK	HKG	Hong Kong, Special Administrative Region of China
	IN	IND	India, Republic of
	ID	IDN	Indonesia, Republic of
	IR	IRN	Iran, Islamic Republic of
	IQ	IRQ	Iraq, Republic of
	IL	ISR	Israel, State of
	JP	JPN	Japan
	JO	JOR	Jordan, Hashemite Kingdom of
	KZ	KAZ	Kazakhstan, Republic of
	KP	PRK	Korea, Democratic People's Republic of
	KR	KOR	Korea, Republic of
	KW	KWT	Kuwait, State of
	KG	KGZ	Kyrgyz Republic
	LA	LAO	Lao People's Democratic Republic
	LB	LBN	Lebanon, Lebanese Republic
	MO	MAC	Macao, Special Administrative Region of China
	MY	MYS	Malaysia
	MV	MDV	Maldives, Republic of
	MN	MNG	Mongolia
	MM	MMR	Myanmar, Union of
	NP	NPL	Nepal, State of
	OM	OMN	Oman, Sultanate of
PK	PAK	Pakistan, Islamic Republic of	
PS	PSE	Palestinian Territory, Occupied	

Abbreviations

Continent Code	ISO2 Code	ISO3 Code	Country Name (in English)
AS (Asia)	PH	PHL	Philippines, Republic of the
	QA	QAT	Qatar, State of
	RU	RUS	Russian Federation
	SA	SAU	Saudi Arabia, Kingdom of
	SG	SGP	Singapore, Republic of
	LK	LKA	Sri Lanka, Democratic Socialist Republic of
	SY	SYR	Syrian Arab Republic
	TW	TWN	Taiwan
	TJ	TJK	Tajikistan, Republic of
	TH	THA	Thailand, Kingdom of
	TL	TLS	Timor-Leste, Democratic Republic of
	TM	TKM	Turkmenistan
	AE	ARE	United Arab Emirates
	UZ	UZB	Uzbekistan, Republic of
	VN	VNM	Vietnam, Socialist Republic of
YE	YEM	Yemen	
EU (Europe)	AX	ALA	Åland Islands
	AD	AND	Andorra, Principality of
	AT	AUT	Austria, Republic of
	BE	BEL	Belgium, Kingdom of
	CY	CYP	Cyprus, Republic of
	DK	DNK	Denmark, Kingdom of
	FO	FRO	Faroe Islands
	FI	FIN	Finland, Republic of
	FR	FRA	France, French Republic

Continent Code	ISO2 Code	ISO3 Code	Country Name (in English)
EU (Europe)	DE	DEU	Germany, Federal Republic of
	GI	GIB	Gibraltar
	GR	GRC	Greece, Hellenic Republic
	GG	GGY	Guernsey, Bailiwick of
	VA	VAT	Holy See (Vatican City State)
	IS	ISL	Iceland, Republic of
	IE	IRL	Ireland
	IM	IMN	Isle of Man
	IT	ITA	Italy, Italian Republic
	JE	JEY	Jersey, Bailiwick of
	LI	LIE	Liechtenstein, Principality of
	LU	LUX	Luxembourg, Grand Duchy of
	MT	MLT	Malta, Republic of
	MC	MCO	Monaco, Principality of
	NL	NLD	Netherlands, Kingdom of the
	NOR	NOR	Norway, Kingdom of
	PT	PRT	Portugal, Portuguese Republic
	SM	SMR	San Marino, Republic of
	ES	ESP	Spain, Kingdom of
	SJ	SJM	Svalbard & Jan Mayen Islands
	SE	SWE	Sweden, Kingdom of
	CH	CHE	Switzerland, Swiss Confederation
	TR	TUR	Turkey, Republic of
EU (Europe)	GB	GBR	United Kingdom of Great Britain & Northern Ireland
EU Europe)	AL	ALB	Albania, Republic of

Abbreviations

Continent Code	ISO2 Code	ISO3 Code	Country Name (in English)
EU (Europe)	BY	BLR	Belarus, Republic of
	BA	BIH	Bosnia and Herzegovina
	BG	BGR	Bulgaria, Republic of
	HR	HRV	Croatia, Republic of
	CZ	CZE	Czech Republic
	EE	EST	Estonia, Republic of
	GE	GEO	Georgia
	HU	HUN	Hungary, Republic of
	XK	XKS	Kosovo
	LV	LVA	Latvia, Republic of
	LT	LTU	Lithuania, Republic of
	MK	MKD	Macedonia, The Republic of
	MD	MDA	Moldova, Republic of
	ME	MNE	Montenegro, Republic of
	PL	POL	Poland, Republic of
	RO	ROU	Romania
	RS	SRB	Serbia, Republic of
	SK	SVK	Slovakia (Slovak Republic)
	SI	SVN	Slovenia, Republic of
UA	UKR	Ukraine	
NA (North America)	AI	AIA	Anguilla
	AG	ATG	Antigua and Barbuda
	AW	ABW	Aruba
	BS	BHS	Bahamas, Commonwealth of the
	BB	BRB	Barbados

Continent Code	ISO2 Code	ISO3 Code	Country Name (in English)
NA (North America)	BZ	BLZ	Belize
	BM	BMU	Bermuda
	BQ	BES	Bonaire, Sint Eustatius and Saba
	VG	VGB	British Virgin Islands
	CA	CAN	Canada
	KY	CYM	Cayman Islands
	CR	CRI	Costa Rica, Republic of
	CU	CUB	Cuba, Republic of
	CW	CUW	Curaçao
	DM	DMA	Dominica, Commonwealth of
	DO	DOM	Dominican Republic
	SV	SLV	El Salvador, Republic of
	GL	GRL	Greenland
	GD	GRD	Grenada
	GP	GLP	Guadeloupe
	GT	GTM	Guatemala, Republic of
	HT	HTI	Haiti, Republic of
	HN	HND	Honduras, Republic of
	JM	JAM	Jamaica
	MQ	MTQ	Martinique
	MX	MEX	Mexico, United Mexican States
MS	MSR	Montserrat	
AN	ANT	Netherlands Antilles	
NI	NIC	Nicaragua, Republic of	
PA	PAN	Panama, Republic of	

Abbreviations

Continent Code	ISO2 Code	ISO3 Code	Country Name (in English)
NA (North America)	PR	PRI	Puerto Rico, Commonwealth of
	BL	BLM	Saint Barthelemy
	KN	KNA	Saint Kitts and Nevis, Federation of
	LC	LCA	Saint Lucia
	MF	MAF	Saint Martin
	PM	SPM	Saint Pierre and Miquelon
	VC	VCT	Saint Vincent and the Grenadines
	SX	SXM	Sint Maarten (Netherlands)
	TT	TTO	Trinidad and Tobago, Republic of
	TC	TCA	Turks and Caicos Islands
	US	USA	United States of America
VI	VIR	United States Virgin Islands	
OC (Oceania)	AS	ASM	American Samoa
	AU	AUS	Australia, Commonwealth of
	CK	COK	Cook Islands
	FJ	FJI	Fiji, Republic of the Fiji Islands
	PF	PYF	French Polynesia
	GU	GUM	Guam
	KI	KIR	Kiribati, Republic of
	MH	MHL	Marshall Islands, Republic of the
	FM	FSM	Micronesia, Federated States of
	NR	NRU	Nauru, Republic of
	NC	NCL	New Caledonia
	NZ	NZL	New Zealand
	NU	NIU	Niue

Continent Code	ISO2 Code	ISO3 Code	Country Name (in English)
OC (Oceania)	NF	NFK	Norfolk Island
	MP	MNP	Northern Mariana Islands, Commonwealth of the
	PW	PLW	Palau, Republic of
	PG	PNG	Papua New Guinea, Independent State of
	PN	PCN	Pitcairn Islands
	WS	WSM	Samoa, Independent State of
	SB	SLB	Solomon Islands
	TK	TKL	Tokelau
	TO	TON	Tonga, Kingdom of
	TV	TUV	Tuvalu
	UM	UMI	United States Minor Outlying Islands
	VU	VUT	Vanuatu, Republic of
WF	WLF	Wallis and Futuna	
SA (South America)	AR	ARG	Argentina, Argentine Republic
	BO	BOL	Bolivia, Republic of
	BR	BRA	Brazil, Federative Republic of
	CL	CHL	Chile, Republic of
	CO	COL	Colombia, Republic of
	EC	ECU	Ecuador, Republic of
	FK	FLK	Falkland Islands (Malvinas)
	GF	GUF	French Guiana
	GY	GUY	Guyana, Co-operative Republic of
	PY	PRY	Paraguay, Republic of
	PE	PER	Peru, Republic of
	SR	SUR	Suriname, Republic of

Abbreviations

Continent Code	ISO2 Code	ISO3 Code	Country Name (in English)
SA (South America)	UY	URY	Uruguay, Eastern Republic of
	VE	VEN	Venezuela, Bolivarian Republic of