StreetPro India
2015.06

Release Notes

This document contains information about 2015.06 Release.
Complete documentation is located at our support site.

Contents:

Leptonmaps

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Summary

StreetPro® suite of data products offers up-to-date premium street-level vector maps, with over 40 layers of information. These provide the realworld display and detailed quality needed to provide a flexible multipurpose foundation for critical business use.

Benefits

• Maintain the accuracy of data used in your applications - this data update will give you access to the latest street level mapping.

• Provide your customers with detailed spatial information, show them simple maps of your locations, facilities and assets, and make savings through understanding your spread of customers, real estate, fleet of vehicles, workforce, etc.

• Expand your coverage with StreetPro data that is available in the same format for over 30 countries. Contact your local Pitney Bowes Software reseller or visit for more details.

• Stay up to the minute: you can deploy StreetPro® with the very latest Pitney Bowes software, using a range of provided workspace formats.

Features

• Over 40 layers of data structured logically to help you choose what is important and useful for your particular application.

• Workspaces are pre-defined and included. These can take the form of any of the following: WOR files for use with MapInfo Professional, or MWS files for use with MapXtreme.

• The inclusion of the workspaces means that you can benefit from Pitney Bowes Software's data expertise by accessing them straight away to get data loaded, and in use immediately.

Products

The StreetPro® suite consists of two related products:

• **StreetPro India** is the full-featured version of the product suite including detailed information on streets for basic routing purposes, point of interests, administrative boundaries, gazetteer, water features and more, providing arich feature informationideal for background mapping for large geographical areas.

• **StreetPro Display India** is a reduced version of StreetPro India. StreetPro Display India is designed for applications where performance (such as map rendering rate) is important. It is an ideal map base for data generated by geocoding or routing applications, or for deployment through web-based applications.

Vintage Information

Pitney Bowes Software's data products explicitly show the 'vintage' of source data in unambiguous terms. 'Vintage' refers to the currency of the data as of a specific date and does not correspond exactly to the time of product release because of data-to-product production time.

The format is:

YYYY.MM

where:

YYYY is the four-digit year; and

MM is the data vintage's calendar month (01-12)

Metadata

- A metadata *xml* file - SPro_Metadata_2015_06.xml - is included to provide information about the data.

- A stylesheet is included to make the metadata *xml* file easier to read and understand.

- StreetPro metadata *xml* files are ISO 19139-compliant.

Workspace Changes

- The *indn_int_mipro12.wor and indn_int_mipro12_lulc.wor workspaces make use of the enhanced rendering features in MapInfo Professional 12.0.The workspace with lulc naming contains detailed land use layer predefined in workspace.

Caution: *Any workspace file with "mipro12" in its name can only be used with MapInfo Professional 12.0.*

StreetPro India Mapping Updates

- Andhra Pradesh has been split into Telangana and Andhra Pradesh (States of India)

- 33 Classes of deatiled Land Use layers have been integrated with StreetPro data build and is available under Bonus/Themes Folder. These classes are: Agriculture, Airport Building, Airport Open, Airport Strip, Beach, Buildings Skyscrappers, Cemetry, Central Business District, Golf Course, High Dense Building Blocks, High Dense Vegetation, Industrial High Density, Industrial Low Density, Inland Water, Lake, Low Dense Building Blocks, Low Dense Vegetation, Marshy Land, Open, Park, Refinery Area, River, Sea, Seasonal Water Bodies, Slum Area, Snow Area, Suburban Dense Vegetation,Suburban High Suburban Low, Urban High, Urban Medium, Urban Low, Villages.

- Agriculture, Low Dense Vegetation and Open themes have been split due to data size issues

Agriculture
Agriculture_1 : *Arunachal Pradesh, Assam, Bihar, Chandigarh, Chhattisgarh, Delhi, Goa, Jammu & Kashmir Jharkhand, Rajasthan, Sikkim, Tamil Nadu*
Agriculture_2 : *Karnataka*
Agriculture_3 : *Maharashtra, Nagaland, Orissa, Punjab*
Agriculture_4 : *Uttar Pradesh, Uttaranchal, Tripura, West Bengal*

Low dense vegetation
Low dense vegetation_1 : *Arunachal Pradesh, Assam, Bihar, Chandigarh, Chhattisgarh, Delhi, Goa, Jammu & Kashmir*
Low dense vegetation_2 : *Karnataka, Jharkhand*
Low dense vegetation_3 : *Maharashtra*
Low dense vegetation_4 : *Nagaland, Orissa, Punjab , Rajasthan , Sikkim, Tamil Nadu,Tripura, Uttar Pradesh, Uttaranchal, West Bengal*

Open
Open_1 : *Arunachal Pradesh, Assam, Bihar*
Open_2 : *Karnataka, Jharkhand, Nagaland, Orissa*
Open_3 : *Maharashtra*
Open_4 : *Uttar Pradesh*
Open_5 : *Rajasthan, Sikkim, Punjab, Tamil Nadu, Tripura, Uttaranchal, West Bengal*

Open_6 : *Chandigarh, Chhattisgarh, Goa, Delhi, Jammu*

- Detailed Land use data for following states are not available in 2015..06 data vintage: Gujarat, Kerala, Himachal Pradesh, Madhya Pradesh, Manipur, Meghalaya, Mizoram, Seemandhra, and Telangana

- Postcode boundaries and Postcode Points layers have been added to the StreetPro data build

• Village boundary layer has been integrated along with other administrative layers as fourth admin hierarchy (Indna4.tab)

• Village boundary layer as been updated with Village code and PLCN (Permanent Location Code Number (PLCN) numbers

• Locality (Indna5.tab) and Sub-Locality layers(Indna6.tab) are available in Bonus Folder

• Standardization of POI name - Banks and ATMs done
   Example: Axes Bank - Axis Bank; Axix Bank - *Axis Bank; Axis Bnak - Axis Bank etc.*

StreetPro India Feature Count Statistics

Table	Description	Local Names	Count 2014.06	Count 2015.06
indnA0	Administrative Level 0	India	2	2
indnA1	Administrative Level 1	State Boundaries	36	36
indnA2	Administrative Level 2	District Boundaries	642	678
indnA3	Administrative Level 3	Tehsil/Taluk Boundaries	5,966	5,966
indnA4	Administrative Level 4	Village Boundaries	636,800	636,189
indnA5	Administrative Level 5	Locality Boundaries	26,165	26,165
indnA6	Administrative Level 6	Sub-Locality Boundaries	26,296	26,337
indnAP	Airports	NA	203	344
indnB	Business Locations	NA	951,750	1,180,358
indnCR	Crossroads	NA	NA	NA
indnF	Ferry Routes	NA	40	68
indnFI	Freeway Interchanges	NA	74	94
indnFR	Frontier Crossings	NA	30	21
indnG1	Gazetteer Level 1	NA	1	1
indnG2	Gazetteer Level 2	NA	34	34
indnG3	Gazetteer Level 3	NA	548	629
indnG4	Gazetteer Level 4	NA	6,925	6,852
indnG5	Gazetteer Level 5	NA	513	546
indnG6	Gazetteer Level 6	NA	597,484	635,489
indnGF	Gazetteer Full	NA	605,505	643,551
indnLC	Land Cover	NA	3,852	3,880
indnLU	Land Use	NA	10,492	4,412
indnNF	Natural Features	NA	1,104	1,320
indnOW	Oneways	NA	NA	NA
indnP	Parking	NA	4,260	3,920
indnPC	Postcodes boundary	NA	19,100	19,098
indnPCP	Postcode Points	NA	19,100	19,098
indnPU	Public Locations	NA	282,605	328,225
indnR	Railways	NA	6,860	9,004
indnRE	Recreation Places	NA	30,329	15,182
indnST	Stations	NA	31,617	62,850
indnU	Urban Areas	NA	951	6,093
indnWM	Water Major	NA	1	1
indnW	Water	NA	32,262	46,748
indnZL	Additional Names	NA	NA	NA
indnZP	Address detail for Points	NA	NA	NA

StreetPro India Street Length Statistics

Table	Street Levels	Street Length 2014.06 (in km)	Street Length 2015.06 (in km)
indnS1	Street Level 1	160,842.87	162,488.09
indnS2	Street Level 2	26,714.23	32,206.59
indnS3	Street Level 3	146,399.34	144,821.42
indnS4	Street Level 4	9,095.49	9,283.00
indnS5	Street Level 5	1,981,415.00	2,020,387.99
indnS6	Street Level 6	117.21	NA

StreetPro India Landuse Class Area Statistics

Landuse Classification	Area 2015.06 (in sq km)
Agriculture	611,865.00
Airport_Building	11.76
Airport_Open	215.28
Airport_Strip	48.69
Beach	47.01
Buildings_Skyscrappers	12.38
Cemetry	07.43
Central Business District	16.67
Golf Course	24.05
High Dense Building Blocks	18.55
High_Dense_Vegetation	373,262.82
Industrial High Density	567.86
Industrial Low Density	326.05
Inland Water	15.25
Lake	3,565.98
Low Dense Building Blocks	59.38
Low Dense Vegetation	163,161.19
Marshy Land	301.42
Open	930,581.51
Park	26.17
Refinery Area	13.06
River	31,476.95
Sea	95,78.93
Seasonal Water Bodies	278.62
Slum Area	64.86
Snow Area	42,052.95
Suburban Dense Vegetation	112.13
Suburban High	928.59
Suburban Low	3,870.66
Urban High	779.38
Urban Medium	4,463.30
Urban Low	3,207.22
Villages	41,854.04

Notes

- Name standardization has been carried out for Top 10 banks and ATMs including both private and public sectors