



StreetPro® India

Version 2014.06

Release Notes for India

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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 [www.pitneybowes.co.uk](#) 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

From 2008 onwards, 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_2014_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.

What's New in StreetPro India 2014.06

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 2014.06 Mapping Updates

- Andhra Pradesh has been split into Telangana and Seemandhra (Newly Formed States of India)
- 33 Classes of detailed 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 Skyscrapers, Cemetery, 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 2014.06 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 has 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 (Details available on request)
Example: Axes Bank - Axis Bank; Axix Bank - Axis Bank; Axis Bnak - Axis Bank etc.

StreetPro India Feature Count Statistics

Table	Description	Local Name	Count 2013.06	Count 2014.06
A0	Administrative 0	National Boundary	2	2
A1	Administrative 1	State Boundary	35	36
A2	Administrative 2	District Boundary	642	642
A3	Administrative 3	Tahsil Boundary	5913	5966
A4	Administrative 4	Village Boundary	42394	636823
A5	Administrative 5	Locality Boundary	NA	25002
A6	Administrative 6	Sub-Locality Boundary	NA	26296
AP	Airports	Airports	492	203
B	Business Locations	Business Locations	966999	951750
F	Ferry Routes	Ferry Routes	26	40
FI	Freeway Interchanges	Freeway Interchanges	60	74
FR	Frontier Crossings	Frontier Crossing	22	30
G1	National Capital	Capital City	1	1
G2	Major City	Major City	29	34
G3	City or major town	City Major Town	550	548
G4	Town	Town	6920	6925
G5	Small town	Small Town	29155	513
G6	Other settlement	Other Settlements	591915	597484
GF	Gazetteer full	Gazetteer All layers	628570	605505
LC	Land Cover	Land Cover	3863	3858
LU	Land Use	Land Use	4157	10492
NF	Natural Features	Natural Features	844	1104
OW	Oneways	Oneways	NA	NA
P	Parking	Parking	3313	4260
PC	Postcode boundaries	Postcode boundaries	NA	19100
PCP	Postcode Points	Postcode Points	NA	19100
PU	Public Locations	Public Locations	314548	282605
R	Railways	Railways	7317	6860
RE	Recreation Places	Recreation Places	26762	30329
ST	Stations	Stations	30480	31617
U	Urban Areas	Urban Areas	912	951
WM	Water Major	Water Major	1	1
W	Water	Water	32681	32262
ZL	Additional Names	Additional Names	1	1
ZP	Address details for Points	Address details for Points	1	1

StreetPro India Street Length Statistics

Table	Street Levels	Street Length 2013.06 (in km)	Street Length 2014.06 (in km)
S1	Street Level 1	160460.10	160842.87
S2	Street Level 2	26710.18	26714.23
S3	Street Level 3	146067.55	146399.34
S4	Street Level 4	8712.47	9095.49
S5	Street Level 5	1981649.31	1981415.00
S6	Street Level 6	113.38	117.21

StreetPro India Land Use Class coverage Statistics

Street Levels	Area 2013.06 (in sq km)	Area 2014.06 (in sq km)
Agriculture	NA	611865.00
Airport_Building	NA	11.76
Airport_Open	NA	215.28
Airport_Strip	NA	48.69
Beach	NA	47.01
Buildings_Skyscrapers	NA	12.3769
Cemetry	NA	7.43
Central Business District	NA	16.67
Golf Course	NA	24.05
High Dense Building Blocks	NA	18.5475
High_Dense_Vegetation	NA	373262.82
Industrial High Density	NA	567.86
Industrial Low Density	NA	326.05
Inland Water	NA	15.25
Lake	NA	3565.98
Low Dense Building Blocks	NA	59.38
Low Dense Vegetation	NA	163161.19
Marshy Land	NA	301.42
Open	NA	930581.51
Park	NA	26.17
Refinery Area	NA	13.06
River	NA	31476.95
Sea	NA	9578.93
Seasonal Water Bodies	NA	278.62
Slum Area	NA	64.86
Snow Area	NA	42052.95
Suburban Dense Vegetation	NA	112.13
Suburban High	NA	928.59
Suburban Low	NA	3870.66
Urban High	NA	779.38
Urban Medium	NA	4463.30
Urban Low	NA	3207.22
Villages	NA	41854.04

Known Issues

- Pincode data with **status** marked as "Bulk Addressee" at Postal department website (<http://www.indiapost.gov.in>) are not available
- Two Polygons **POK Area** and **Rann of Kuchchh**, assigned special off_code as **900** and **901** respectively in district layer as there did not exist any official code for these two regions.
- Two Polygons **POK Area** and **Rann of Kuchchh**, assigned special off_code as **9000** and **9001** respectively in tahsil layer as there did not exist any official code for these two regions.

Fixes

- Missing pincode "380024" updated in pincode data layers

Data Feedback

As part of our continuous quality improvement program, Pitney Bowes Software actively requests feedback from customers to report any anomalies or changes, or to request future enhancements to our products.

The feedback that we receive from our customers is vital to the continual quality development of our data products.

Please direct all feedback, data issues and enhancements requests to software.support@pb.com