

StreetPro Australia™

Version 2015.10

Release Notes

StreetPro is Pitney Bowes' flagship street data product that offers comprehensive and current street centreline and address information suitable for a broad range of applications and services. This document contains information about the Version 2015.10.

Complete documentation is located at [our support site](#).


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Introduction

During the past year, Pitney Bowes' Data Development Team based in Brisbane has been deeply involved in a project to remodel StreetPro Australia – the **first major overhaul in its 15+ years existence**. This Project has essentially been about remodelling the streets base around the latest PSMA Base and preserving the many years of (MapInfo/Pitney Bowes) value add over the top of that PSMA base. The driver for this initiative has been key client feedback and collaboration but also the noticeable improvement in PSMA base streets over the last 18 months or so.

We are confident that clients will find the remodelled StreetPro a **significant advancement on the current version**.

This expanded release notes document provides detail on the major enhancements made to the data model and content to be released with StreetPro Australia Version 2015.10, plus the planned enhancements for future releases.

An interim release is planned for Q1 2016 to address the remaining issues in the data.

Data Model Enhancements

Enhanced Unique Feature Identifier Model (UFI)

A new, enhanced Unique Feature Identifier model has been introduced to StreetPro. This UFI value will provide a unique identifier for each feature across Pitney Bowes' entire range of data products.

The new identifier means that the new streets table cannot be compared with the previous version to build a change log or incremental, so **no change log or incremental streets tables will be available** for StreetPro Version 2015.10. A change log and incremental file will be available again with the first 2016 release.

Street Hierarchy (Roadtype and micode) Changes

The street type hierarchy has been altered to more closely align with the PSMA data model and other international StreetPro products.

The details of the changes are as follows:

Description	Roadtype 2015.04	miCode 2015.04	Roadtype 2015.10	miCode 2015.10
Freeway	301	20010000	300	20010000
Highway	300	20020000	301	20020000
Arterial Road	302	20030000	302	20030000
Sub-Arterial Road			303	20040000
Connector Road	303	20050000	304	20050000
Local Road	304	20060000	305	20060000
Vehicle Track	306	20090100	306	20090100
Access Road	305	20080000	309	20090000
Path	400	20090300	400	20090300

The derivative roadtypes such as 3xxx for ramps and 9xxx for tunnels have also been updated to reflect these new roadtype values. For a complete list, please see the Product Guide, or the MICODES table in the Extras folder of the StreetPro installation.

The Main Highways (AUS_MH) and Display streets layers (AUS_S1 – AUS_S6) have also been updated to reflect these changes.

Route Numbers and Names

NRN and SRN fields have been replaced with ROUTE_NUMBER, ROUTE_NAME and ROUTE_CLASS fields. This information comes from the PSMA source data, but has also been updated from various state government agencies.

ROUTE_NUMBER contains the alpha numeric or numeric route numbers as represented in NRN or SRN columns in the previous StreetPro versions. (Example – M1, A8, 1 etc.)

ROUTE_NAME contains the name associated with the route number (e.g. WESTERN MOTORWAY, NEW ENGLAND HIGHWAY)

ROUTE_CLASS is a classification of routes. For a full list of the route classifications please refer to the Product Guide.

Status Field

The STATUS values have now been separated into STATUS and LANDUSE fields. As previously, the STATUS field now indicates private or restricted roads, while the LANDUSE field indicates the underlying land use where available. For a full list of STATUS and LANDUSE attribution, please refer to the Product Guide.

Database Format Change Logs

Due to the introduction of the new UFI values, there are no changelog or incremental streets tables available for the Version 2015.10 of StreetPro Australia.

Starting from the 2016.04 release, a new database format changelog will be available. This changelog file will contain information about changes to each field.

Street Content Enhancements

Over the last few years, the PSMA source data has improved significantly in accuracy and completeness. Pitney Bowes' capture processes have been unable to keep up with the volume of new content and updates required with each release of source data. For this reason, it was decided to replace the StreetPro street centreline content completely with the PSMA source for 2015.10. Pitney Bowes' field capture and improvements from customer feedback were then integrated into this base data, to preserve them.

This new content model has several benefits:

- improved network completeness, accuracy and currency
- PSMA quarterly updates to be incorporated easily to allow for more frequent incremental releases of StreetPro data
- improved consistency of attribution and naming
- complete re-population of street address ranges using the latest G-NAF address point data

The validation of this new content is an ongoing process and the Data Development team are presently working to resolve remaining issues before an interim release in February 2016. Issues that may remain in the street dataset include:

- Missing road segments in minor road network
- Incorrect direction or one way attribution in minor road network
- Incorrect attribution on some divided roads, roundabouts and ramps
- Segments where topology requires refinement according to our database standards

Some Navigation attributes and features are in the process of being re-populated, but many of Pitney Bowes' value-adds have been re-applied to the new database, including:

- Field captured private estates
- Other field captured improvements that are not already present in the PSMA source data, including street names, addressing and roundabouts.

The remainder of the navigation updates will be undertaken for the interim release, available early in 2016.

Context Layer Enhancements

A number of context layers have also been extensively updated for this release following the incorporation of the PSMA Features of Interest product, as well as several other government data sources.

Parks

The Parks layer (AUS_PK) is undergoing an update based on the latest Greenspace data from PSMA. Many naming and geometry updates have already been applied to the StreetPro Parks layer in all states, but especially in WA and Tasmania.

Parks and Land Use

Several new Land Use types have been added to the layer (AUS_LU), mostly from the Recreation category. Some of these types have been moved into land use from the parks layer. For instance, Stadium grounds, Racecourses, Showgrounds and some types of sporting facilities have been moved from Parks and added to the Land Use layer. This is an ongoing project. For a full list of Land Use types, please refer to the Product Guide.

Airports and Land Use

The Airports layer (AUS_AIR) now only contains point features for airports and airfields. The region objects from this layer have been moved into the Land Use layer (AUS_LU) under the RUNWAY GROUNDS type. Many larger airports also have an AIRPORT GROUNDS region surrounding the runway.

Features

The StreetPro Features point table (AUS_FT) has been updated extensively as part of the ongoing World Premium Points of Interest project. The incorporation of PSMA's Features of Interest points has meant an explosion of feature types and should also provide more accurate positioning.

In addition to the Features of Interest incorporation, a number of categories have been updated from other official sources in the Education, Aged Care and Health categories. For a full list of sources and types please refer to the Product Guide.

Railways

The new rail line and stations associated with the upcoming Moreton Bay Rail Link in Queensland have been added to the AUS_RL and AUS_RLS layers. This extension to the South East Queensland rail network is due for completion and opening in mid-2016. For more information about this project, please refer to the [Queensland Department of Transport and Main Roads website](#).