

# GeoTAX® Premium 7.3 for IBM z/OS Release Announcement

**Date:** December 2016  
**To:** GeoTAX Customers  
**From:** Tony R. Burton, Sr. Product Manager  
**Ref:** GTX730RAC16

Dear GeoTAX customer,

Pitney Bowes is pleased to announce the release of the GeoTAX Premium 7.3 for IBM z/OS release. This release is available for Internet download from the Pitney Bowes Software eStore or Technical Support Web site, [www.g1.com/support](http://www.g1.com/support).

Listed below is an overview of release highlights, database compatibility and platform-specific changes for this release.

## Highlights and General Enhancements

The enhancements and new features introduced in GeoTAX Premium 7.3 include:

- **Single-step processing**  
 GeoTAX Premium brings a new level of accuracy to the tax jurisdiction assignment process in a one-step solution. With previous releases, CODE-1 Plus™ was bundled with GeoTAX to provide address cleansing in order to return address level tax jurisdiction assignment. GeoTAX Premium will continue to use our world-class USPS address cleansing capabilities, coupled with our premium address-level geocoding, thus improving accuracy and reducing the amount of disk space needed for processing. While we strive to maintain backwards compatibility, the change to a single-step process will require some minor changes to existing processes.
- **New Landmark Auxiliary file for customized matching**  
 This new Auxiliary file allows for matching to non-traditional addresses such as "SUBSTATION 95".
- **Introducing the new Pitney Bowes Software Sales and Use Tax Rate file**  
 Sales and use tax rates can be returned for each of the assigned tax jurisdictions as well as the total tax rate for the assigned locations.
- **Support for Input Latitude/Longitude coordinates to determine tax jurisdictions**  
 For companies that deliver goods or services to locations that don't have a recognizable address, GeoTAX Premium can accept latitude/longitude coordinates as input to return the tax jurisdictions and corresponding GeoTAX Key values. Examples of this type of location include bill boards, street lights, communications towers or new housing developments.

- **Optional point-level matching**

Point-level matching locates the center of the actual parcel - this is the most accurate type of geocode. Once the data is installed you do not need to execute any additional initialization or setup for your system to begin using the point-level data. GeoTAX Premium will automatically process your address lists through the point-level data.

- **Additional searching, matching and geocoding options**

GeoTAX Premium introduces new searching, matching and geocoding options including:

- Address match cache size
- Cache size for boundary file matching
- Search area & expanded distance radius
- Address match modes
- Multi-match results
- Address range matching
- Building and firm name matching
- Alternate lookup
- First letter expanded
- Fallback geographic centroid search
- Street centroid
- Boundary search buffer distance

- **More detailed address match and location quality return codes**

GeoTAX Premium provides detailed and qualitative matching and location reporting. The Match codes report on the address standardization and matching process. The Location codes indicate at what level an address has been geocoded.

- **New confidence returns by taxing jurisdiction**

GeoTAX Premium determines geocoding accuracy and associates a confidence level with the resulting latitude/longitude coordinates.

- **Support for Pitney Bowes Master Location Data**

This optional data set provides access to Pitney Bowes' expanded and enhanced data set of point-level geocodes. Note that Master Location Data must be used in conjunction with a standard street data set. If you are interested in purchasing Master Location Data, contact your Pitney Bowes sales representative.

- **Matching Improvements**

Improved matching of addresses that contain incorrect pre-directionals, oddly formed street type abbreviations, and truncated street names. Enhanced reverse geocoding in rural areas with unranked street segments. Various additional improvements have been made to the matching logic.

- **Return Data Updated to Latest Florida-Native File Record Format**

The Florida-native files from the Florida Department of Revenue provide statewide address and taxing jurisdiction data and can be used to match to your input records. The Florida Department of Revenue recently made changes to the record format. This version of GeoTAX Premium has been updated to return information in the new format.

- **Matching Changes**

Changes have been made to the Offset default value and the default Squeeze setting.

- **Single-line Address Matching Improvements**

Significant improvements have been made to matching when using single-line address input. On average, single-line matching achieves a 3.5% match rate lift compared to using parsed address input, and a 1% increase in match rate compared with the prior release of single-line.

- **Address Point Interpolation Improvements**

Significant performance improvements have been realized when using address point interpolation. Performance improvements vary widely and are dependent on a number of factors, including: the number of points datasets loaded, the quality of the input data, and the closeness of available points (typically rural versus urban). Improvements have also been made to the placement of some interpolated address points, which results in better locations as well as associated data returns. A point data license is required for this feature.

- **Improved Centerline Projection with New Fallback**

Additional refinements have been made to improve matching of the street segment to a point geocode in centerline matching. These improvements better determine when a matched street segment is not optimally positioned from the matched point. In cases where the matched street segment and point geocode are not near one another, a new fallback mechanism is automatically invoked. The fallback operation will search along the entire length of the matched street and return the street segment that is closest to the matched segment.

- **Improved Resolution of Matches when using Multiple Point Datasets**

Enhancements have been made to provide the single, best point-level match when identical point-level matches are returned from multiple datasets.

## Database Compatibility

**NOTE:** The GeoTAX Premium 7.3 release uses a different data format than previous releases. You must download and install the GeoTAX Premium database for use in this version. The GeoTAX Premium database is not compatible with any previous releases. For data installation instructions, see “Loading GeoTAX Data” in the *GeoTAX Premium User’s Guide*.

## Platform-specific Changes

### New Platforms

For this GeoTAX software release, the following additional platform is supported:

- IBM z/OS

### Retired and Unsupported Platforms

Please note that we are no longer supporting:

- Windows XP Professional
- Windows Server 2003
- Windows Server 2008 32-bit
- AIX 5.3
- Solaris 9
- SUSE 9

GeoTAX Premium 7.3 is currently not supported on the following platform:

- IBM i

# Fixed Change Requests

For fixed change requests please refer to the *GeoTAX Premium 7.3 for z/OS Technical Notes* for details.

## Additional Information

Included with this announcement is a high-level [GeoTAX Premium 7.3 Release Checklist](#) that provides an overview of the changes in this release. The GeoTAX Premium 7.3 technical notes and installation instructions are available for review and download from the Pitney Bowes Technical Support Web site, [www.g1.com/Support/](http://www.g1.com/Support/).

## For Further Assistance

If you have any questions about this release, please contact us via the web, email, or phone for further assistance:

- Create a case in our [Online Case Management System](#),
- Send an email to [software.support@pb.com](mailto:software.support@pb.com), or
- Call our toll-free number, +1 800.367.6950.

# GeoTAX Premium 7.3 z/OS Release Checklist

	Yes	No
<b>Installation Changes</b>	✓	
<b>Database Compatibility with the GeoTAX 6.1.4 Release</b>		✓
<b>Highlights</b>	✓	
<b>Product Updates</b>	✓	
<b>Change Requests</b>	✓	
<b>Platform-Specific Changes and Information</b>	✓	
<b>Technical Notes Available</b>	✓	

Detailed information regarding the above-referenced items is available in the technical notes distributed with the GeoTAX Premium 7.3 for z/OS release. The technical notes are also available on the Pitney Bowes Software Technical Support Web site at [www.g1.com/Support](http://www.g1.com/Support). After logging in, click **Documentation**, and select **Customer Communications**.

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