



GeoTAX[®] Matrix

6.1.4.6 Release

Technical Notes



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Introduction

Pitney Bowes is pleased to announce the release of GeoTAX Matrix 6.1.4.6. This release is available for Internet download from the Pitney Bowes Software eStore and Technical Support Web site, www.g1.com/support.

Listed below is an overview of the release documentation, release highlights and database compatibility for this release.

Although we will continue to provide Level 1 technical support for GeoTAX Matrix 6.1.4.5, any future product updates will only be provided for the 6.1.4.6 version of this product.

Release Documentation

The technical notes and installation guides for GeoTAX Matrix 6.1.4.6 are available for viewing and download from the Pitney Bowes Technical Support Web site, <http://www.g1.com/support>. To access these documents, log into the Support site and select **Documentation**. Then, select **Technical Product Info** for the technical notes, or **Installation Guides** for the installation documentation.

Highlights and General Enhancements

- **Improved Matching of Alphanumeric House Numbers**
Improvements have been made in cases where the input address has an alphanumeric house number.
- **Enhancements to Intersection Matching**
Enhancements have been made to provide a single, best match when either multiple intersection candidates are returned or when there is an interpolated intersection match.

Product Updates

Improved Matching of Alphanumeric House Numbers

Improvements have been made in cases where the input address has an alphanumeric house number. There have also been improvements in the handling of alphanumeric house numbers input with a space between numeric and alpha characters.

Input Address	New match results	Old match results
4111 B BAKER LN, NOTTINGHAM, MD 21236 <i>Input address with a space between 4111 and B.</i>	4111B BAKER LN, NOTTINGHAM, MD 21236 Match Code: T80 Location Code: AP02 <i>Now able to match.</i>	Match Code: E020 – street not found.
160 A W HOLLIS ST, NASHUA, NH 03060 <i>Input address with a space between 160 and A.</i>	160A W HOLLIS ST, NASHUA, NH 03060 Match Code: T80 Location Code: AP02 <i>Now able to match.</i>	Match Code: E020 – street not found.

Fixed Change Requests and Known Issues

Fixed Change Requests

The list below represents all of the change requests and software defects addressed in this release. Please review this list carefully to determine whether the following corrections apply to your situation.

Item Number	Change Request	Description
CENTRUS-10330		Corrected an issue where an SAC (Search Area Code) value of 0 was preventing some User Dictionary matches. This has been changed to support an SAC value of 0.
CENTRUS-10361 MMCUSTSUP-884	Case 07633466	Fixed an issue with a singleline input address without lastline information returning incorrect results.
CENTRUS-10382		Fixed an error occurring when using User Dictionaries while running with multiple instances of GeoStan on UNIX and Linux platforms.
CENTRUS-10407		Resolved an issue with USPS-only records tagged as MLD data causing a crash.
MM-2067 MMCUSTSUP-863	Case 05510168	Corrected differences in the way that the User Dictionary Writer creates address records, compared with how addresses are parsed when matching. Previously, some words, such as END and LEDGE, were being treated as street types when they should have been included as part of the street name. Also, standardized abbreviated street types; for example, changed PTH to PATH.
SGI-2302		Fixed crash in multi-threaded GeoStan caused by forward and reverse geocoding using the same handle.

Known Issues

- For Windows users only - After the installation of GeoTAX Matrix completes, when attempting to start the application, the following error may display:
C:\Program Files\Centrus\GeoTAXMatrix\bin\TaxServiceManager.exe
The application has failed to start because its side-by-side configuration is incorrect. Please see the application event log or use the command-line sxstrace.exe tool for more detail. This error means that your system needs additional runtime libraries that Microsoft provides.

To resolve the error:

- Download and install the redistributable package available from the Microsoft Download Center via this link based on whether GeoTAX Matrix is 32-bit or 64-bit:
 - 32-bit: <http://www.microsoft.com/en-us/download/details.aspx?id=5582>
 - 64-bit: <http://www.microsoft.com/en-us/download/details.aspx?id=2092>
- It may be necessary to uninstall and reinstall GeoTAX Matrix if TaxServiceManager.exe fails to start.
- For Windows users only - After the installation of GeoTAX Matrix completes, when attempting to start the application, the following error may display:

TaxServer.exe – Unable to Locate Component

The application has failed to start because MSVCR110.dll was not found. Re-installing the application may fix this problem.

To resolve the error:

- Download and install the redistributable package (x86 or x64) available from the Microsoft Download Center via this link for GeoTAX Matrix 32-bit or 64-bit:
<http://www.microsoft.com/en-us/download/details.aspx?id=30679>
- It may be necessary to uninstall and reinstall GeoTAX Matrix if TaxServiceManager.exe fails to start.
- Placing tabs in InitList causes the GeoTAX Matrix server to stop.
- The GeoTAX Matrix batch application does not allow spaces in path names.

Database Compatibility

NOTE: There are no data format changes to the street and point data sets for this release.

Platform-Specific Changes

Please note that we are no longer supporting:

- RedHat 4.0

Minimum Supported Levels

The minimum supported level for JAVA is 1.7.

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, or
- Call our toll-free number, +1 800.367.6950.

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Fax: +1 518 285 7060
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AD# 12.07