



Dear Alteryx Customer,

We are pleased to announce the release of the Q4 2017 Spatial Data (Canada).

The following datasets are included in this release:

- TomTom CA Matchmaker Geocoder Q3 2015
- TomTom reverse geocoder
- TomTom CA Address Points Q4 2017
- TomTom CA drive time engine Q4 2017
- TomTom CA Alteryx Maps Q4 2017 and DigitalGlobe satellite imagery
- Melissa Data CASS CA December 2017

Please contact our Customer Support (support@alteryx.com) with any questions about installation, licensing, or running the software. Also visit the Alteryx Community at www.alteryx.com to ask a question or post an idea.

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Release Notes

End users are reminded if they have not installed the **reverse geocoder macro** from the Q3 2017 release that they do so due to several key changes implemented in that release. The below changes were -

- The macro has been updated to meet the currently supported version of Alteryx Designer 10.5.9.15014
- Updated Customer Support error messaging
- Adding logic to replace missing latitude and longitude values with 0 and alerting users when these missing values are converted to 0
- Migration to TomTom's Online Search API and license key update therefore reverse geocoders installed prior to the Q3 2017 release will not be active after December 31, 2017

Q4 2017 Changes

- Spatial - Forward Sortation Areas (FSA) – quarterly update; several FSA name changes
- Documentation – changes to location of files on installs, click [here](#) for details

Refer to the **Change Log** in the Documentation folder for specific details. This document as well as all other documents can also be found in the Data Products Knowledge Base¹ on the Alteryx Community at www.alteryx.com

Install Datasets

The below table lists what is included in the Data install as well if installing the data is required or not based on if you have already installed the previous quarter. For data frequencies refer to the Variable List *Data and Geography Vintages* tab.

Data Category	Details	Release Data Vintage	Install required ²	Release reason ³
Spatial	Matchmaker Geocoder	Q3 2015	No	n/a

¹ Requires username and password to access

² Only if you have already installed the previous quarter

³ Subject to change



	Reverse geocoder macro	n/a	Yes	Not required if you have installed the version from the Q3 2017 release
	Address Points	Q4 2017	Yes	Data update
	Drive time engine	Q4 2017	Yes	Data update
	Alteryx Maps	Q4 2017	Yes	Data update
	CASS ⁴	December 2017	Yes	Not required if this vintage has been installed

Overview

The Spatial Data (Canada) includes the following –


- Matchmaker Geocoder
- Reverse geocoder macro (requires internet access)
- Address Points
- Drive time engine
- Alteryx Maps and DigitalGlobe satellite imagery
- CASS engine

Spatial

These products provide a visual display or add spatial dimension to files through address cleansing, geocoding and drive time creation.

- **Matchmaker geocoder** adds a spatial object (latitude/longitude) to addresses for visualization and data retrieval processes.
- **Reverse geocoder macro** - produces a record-for-record reverse geocode result which includes formatted address fields and lat/lon coordinates. This tool requires internet access. For additional information refer to Alteryx Help.
- **Address Points** includes over 6.5 million parcel centroids, a parcel is the property boundary of an address; most of the points in the database are the centroid of the property boundary. However some of the points are edited by TomTom to rooftop accuracy. To be able to use the matching to Address Points option CASS must be enabled.
- **CASS** offers address clean up and standardization for better data matching processes and geocoding.
- **Alteryx Maps** enhances mapping with atlas-like reference layers.
- The **drive time** engine creates polygons or measurements between points based upon distance or speed for visualization and reporting. Drive times can be created using Peak, OffPeak and

⁴ The latest CASS install will be delivered in our quarterly installs however this dataset is released bi-monthly and clients are notified to download the install via email



Night traffic speeds, for details refer to the document 'Alteryx Drive time Speed Category Enhancement' in the Documentation folder.

Documentation

The following documents are found in the *Documentation* folder -

- Release Notes
- Alteryx Variable List
- Change Log – captures changes to both reports and variables from the previous release all installs. Please ensure you review the changes applicable to your licensed install as you may need to update workflows, apps, reports or formulas.
- AlteryxMaps_TomTom - Alteryx Maps Layers
- Guzzler_TomTom (Drive time) - Methodology and Alteryx Drive time Speed Category Enhancement

To streamline the location of the Documentation, the documentation will be removed from the TomTom Matchmaker/geocoder folder effective with the **Q4 2017** release. The Documentation will continue to be provided in the main Documentation folder as well as the [Data Products Knowledge Base](#) on the Community.