

Loqate, A GBG Solution

Release Notes – Verify API

2022Q1.1 Minor Release

Case Resolutions

Please visit <https://support.loqate.com/2022q1-1-resolved-cases/> for a list of all cases resolved in this release. If you would like more details on any of the solved cases listed, please contact LoqateSupport@gbgplc.com for further information.

Local API Notices

This is to inform our customers that in this 2022Q1.1 release we have made no major changes to the API there are 3 minor improvements details below.

With this release we have added documentation on using Python to call the Loqate Local API details can be found [here](#).

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Local API Improvements

Verify Improvements

Parsing Fix to a parsing error when the input premise number is the same as the PostalCode in US addresses. Issue was the postcode was dropped if the same number was entered as the premise.

2022Q1.0 (Before Change)

Loqate Demonstration UI v2.41.1.16005-a0b1b69

GKR

Verify

Autocomplete

Query

Log Analysis

ReverseGeocode

Input Data

Address4

Address2

Address1

63141 N New Ballas Rd Ste 6005B

Locality

AdministrativeArea

PostalCode

Country

US

DefaultCountry

☒ Parse

☐ Verify

EnhancedCountryTool

☐ Match

☐ Search

IgnoreUnmatched

☐ Format

☐ Geocode

☐ Enhance

Clear Options

Clear Input

Clear Output

Process

Output

Address

63141 N New Ballas Rd Ste 1

Saint Louis MO

Latitude

Longitude

Accuracy

Distance

Map This Location

Output

Address Quality Index

E

1

Result Count

1

Address Verification Code

U00-I55-P0-100

Organization

Empty

SubBuilding

Ste 6005B

Identified no change

Premise

63141

Identified no change

Building

Empty

PostBox

Empty

DependentThoroughfare

Empty

Thoroughfare

N New Ballas Rd

Identified no change

DoubleDependentLocality

Empty

DependentLocality

Empty

Locality

Saint Louis

Identified no change

SubAdministrativeArea

Empty

AdministrativeArea

MO

Identified alias

SuperAdministrativeArea

Empty

PostalCode

Empty

Country

United States

ISO2

US

ISO3

USA

Unmatched

Processed Time

00:00:00.00

Shortcuts

View All

To Clipboard

Server Status: ssOK

Process Status: psOK

2022Q1.0: The output postal code is empty even though the input is not.

2022Q1.1 (After Change)



Loqate Demonstration UI v2.42.0.16074-725f140

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

Address4

Address2

Address1

Locality

AdministrativeArea

PostalCode

Country

DefaultCountry ☒ Parse ☐ Verify

EnhancedCountryTool ☐ Match ☐ Search

IgnoreUnmatched ☐ Format ☐ Geocode ☐ Enhance

Clear Options Clear Input Clear Output Process

Output

Address
Saint Louis MO 63141

Latitude

Longitude

Accuracy

Distance

Map This Location

Server Status: ssOK Process Status: psOK

Output

Address Quality Index 1 Result Count 1

Address Verification Code

Organization Empty

SubBuilding Identified no change

Premise Identified no change

Building Empty

PostBox Empty

DependentThoroughfare Empty

Thoroughfare Identified no change

DoubleDependentLocality Empty

DependentLocality Empty

Locality Identified no change

SubAdministrativeArea Empty

AdministrativeArea Identified alias

SuperAdministrativeArea Empty

PostalCode Identified no change

Country

ISO2 ISO3

Unmatched

Processed Time

Shortcuts View All To Clipboard

2022Q1.1: The output postal code is the same as input postal code.

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New Thoroughfare Typo Handling feature for USA and Germany

- This feature adds capability into the engine to correct Thoroughfare input with minimal typo mistakes. It relies on correct input of both Locality and PostalCode to correct typo in input Thoroughfare.

USA Example 2022Q1.0 (Before Change)

Logate Demonstration UI v2.42.0.16013-6062831 DEBUG

GKRVerifyAutocompleteQueryLog AnalysisReverseGeocode

Input Data

Organization

Premise

Address117 Fayette Street

LocalityCambridge

AdministrativeAreaMassachusetts

PostalCode02139

CountryUSA

PreferPrimaryValidAlias

MaxResults

DuplicateHandlingMas

ParseVerify

MatchSearch

FormatGeocodeEnhance

Clear OptionsClear InputClear OutputProcess

Output

Address17 Fayette St
Cambridge MA 02139-2501

Latitude

Longitude

Accuracy

Distance

Map This Location

Output

Address Quality IndexC1Result Count1

Address Verification CodeP22-144-P7-100

OrganizationEmpty

SubBuildingEmpty

Premise17Identified no change

BuildingEmpty

PostBoxEmpty

DependentThoroughfareEmpty

ThoroughfareFayette StIdentified alias

DoubleDependentLocalityEmpty

DependentLocalityEmpty

LocalityCambridgeVerified no change

SubAdministrativeAreaMiddlesexAdded

AdministrativeAreaMAVerified alias change

SuperAdministrativeAreaEmpty

PostalCode02139-2501Verified small change

CountryUnited States

ISO2USISO3USA

Unmatched

Processed Time00:00:00.92

ShortcutsView AllTo Clipboard

Server Status: ssOK

Process Status: psOK

2022Q1.0: The engine was unable to verify Input Thoroughfare "Fayette", thus returned the input as output with field status "identified"

2022Q1.1 (After Change)

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Loqate Demonstration UI v2.42.1.16020-4594465 DEBUG

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

Organization

Premise

Thoroughfare

Locality

AdministrativeArea

PostalCode

Country

PreferPrimaryValidAlias ☐ Parse ☒ Verify

MaxResults

DuplicateHandlingMas ☐ Match ☐ Search

☐ Format ☐ Geocode ☐ Enhance

Clear Options Clear Input Clear Output Process

Output

Address 17 Fayette St
Cambridge MA 02139-1111

Latitude

Longitude

Accuracy

Distance

Map This Location

Server Status: ssOK

Process Status: psOK

Output

Address Quality Index C 1 Result Count 1

Address Verification Code V42-144-P7-091

Organization Empty

SubBuilding Empty

Premise 17 Verified no change

Building Empty

PostBox Empty

DependentThoroughfare Empty

Thoroughfare Fayette St Verified large change

DoubleDependentLocality Empty

DependentLocality Empty

Locality Cambridge Verified no change

SubAdministrativeArea Middlesex Added

AdministrativeArea MA Verified alias change

SuperAdministrativeArea Empty

PostalCode 02139-1111 Verified small change

Country United States

ISO2 US ISO3 USA

Unmatched

Processed Time 00:00:00.58

Shortcuts View All To Clipboard

2022Q1.1: The engine corrects Input Thoroughfare "Fayelle" as "Fayette", and verifies with field status "verified"

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German example 2022Q1.0 (Before Change)

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GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

Organization

Premise

Thoroughfare

Locality

AdministrativeArea

PostalCode

Country

PreferPrimaryValidAlias ☐ Parse ☒ Verify

MaxResults Match ☐ Search

DuplicateHandlingMas Format ☐ Geocode ☐ Enhance

Clear Options Clear Input Clear Output Process

Output

Address
48477 Hörstel

Latitude

Longitude

Accuracy

Distance

Map This Location

Output

Address Quality Index 1 Result Count 1

Address Verification Code

Organization

SubBuilding

Premise Identified no change

Building

PostBox

DependentThoroughfare

Thoroughfare Verified small change

DoubleDependentLocality

DependentLocality

Locality Verified no change

SubAdministrativeArea Added

AdministrativeArea Added

SuperAdministrativeArea

PostalCode Verified no change

Country

ISO2 ISO3

Unmatched

Processed Time

Shortcuts View All To Clipboard

Server Status: ssOK Process Status: psOK

2022Q1.0: Input Thoroughfare "Kanslstr.", the engine produces Output Thoroughfare as "Hänselstr." which is a false positive result

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2022Q1.1 (After Change)

The screenshot shows the Loqate Demonstration UI with the following data:

Input Data	Output
Organization	Address Quality Index: B
Premise: 95	Address Verification Code: V42-I44-P6-098
Thoroughfare: Kanslstr.	Organization: Empty
	Sub Building: Empty
	Premise: 95 (Verified no change)
	Building: Empty
	PostBox: Empty
Locality: Hörstel	DependentThoroughfare: Empty
AdministrativeArea	Thoroughfare: Kanalstr. (Verified small change)
PostalCode: 48477	DoubleDependentLocality: Empty
Country: DEU	DependentLocality: Riesenbeck (Added)
PreferPrimaryValidAlias	Locality: Hörstel (Verified no change)
MaxResults	SubAdministrativeArea: Reg.-Bez. Münster (Added)
DuplicateHandlingMas	AdministrativeArea: Nordrhein-Westfalen (Added)
	SuperAdministrativeArea: Empty
	PostalCode: 48477 (Verified no change)
	Country: Germany
	ISO2: DE, ISO3: DEU
	Unmatched:
	Processed Time: 00:00:00.14

Buttons: Clear Options, Clear Input, Clear Output, Process, Shortcuts, View All, To Clipboard

Server Status: ssOK, Process Status: psOK

2022Q1.1: Input Thoroughfare "Kanslstr.", the engine corrects the typo and produces Output Thoroughfare as "Kanalstr." then it is able to verify the premise number

Improvement on premise level Geocode accuracy for UK addresses

From this release the geocode option now uses the PostalCode as well to distinguish between duplicate roads within the same locality to return the correct premise level geocodes.

2022Q1.0 (Before Change)

Loqate Demonstration UI v2.41.1.16005-a0b1b69

GKRVerifyAutocompleteQueryLog AnalysisReverseGeocode

Input Data

Address4

Address2

Address1

Locality

AdministrativeArea

PostalCode

Country

DefaultCountry

EnhancedCountryTool

IgnoreUnmatched

Parse

Match

Format

Verify

Search

Geocode

Enhance

Clear Options

Clear Input

Clear Output

Process

Output

Address

Latitude

Longitude

Accuracy

Distance

Map This Location

Output

Address Quality Index

Address Verification Code

Organization

SubBuilding

Premise

Building

PostBox

DependentThoroughfare

Thoroughfare

DoubleDependentLocality

DependentLocality

Locality

SubAdministrativeArea

AdministrativeArea

SuperAdministrativeArea

PostalCode

Country

ISO2

ISO3

Unmatched

Processed Time

Result Count

Identified no change

Identified no change

Verified no change

Empty

Verified no change

Empty

Identified no change

Verified no change

Empty

Added

Empty

Verified no change

United Kingdom

GB

GBR

Shortcuts

View All

To Clipboard

Server Status: ssOK

Process Status: psOK

2022Q1.1 (After Change)

2022Q1.0: The Geolocation returned is very far from the actual location.

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The logo for Loqate GBG, featuring a stylized teal 'L' icon followed by the word 'loqate' in a bold, lowercase sans-serif font, with 'GBG' in a smaller, uppercase sans-serif font below it.

Loqate Demonstration UI v2.42.0.16074-725f140

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

Address4

Address2

Address1

Locality

AdministrativeArea

PostalCode

Country

DefaultCountry ☐ Parse ☒ Verify

EnhancedCountryTool ☐ Match ☐ Search

IgnoreUnmatched ☐ Format ☒ Geocode ☐ Enhance

Clear Options Clear Input Clear Output Process

Output

Address 1 Bickley Court, 18 Southey Road, Wimbledon, London, SW19 1PN

Latitude

Longitude

Accuracy

Distance

[Map This Location](#)

Server Status: ssOK Process Status: psOK

Output

Address Quality Index 1 Result Count 1

Address Verification Code

Organization

SubBuilding Identified no change

Premise Identified no change

Building Verified no change

PostBox

DependentThoroughfare

Thoroughfare Verified no change

DoubleDependentLocality

DependentLocality Identified no change

Locality Verified no change

SubAdministrativeArea

AdministrativeArea Added

SuperAdministrativeArea

PostalCode Verified no change

Country

ISO2 ISO3

Unmatched

Processed Time

Shortcuts View All To Clipboard

2022Q1.1: The Geolocation returned is much closer to the actual location.

Installation Instructions

Please remember to update both the program files and the reference data and **please install these to a new fresh folder location**. The improvements are tied to the data in the Global Knowledge Repository and the Local API. When updating the data, it is recommended to use a new data folder each time in order to ensure the latest dataset is installed properly.

If you need any assistance with the upgrade of the Local API or the data update process, please contact [GBG Loqate Support](#).

The setup wizard for the [Local API](#) can be obtained from our SFTP server. Please contact your account manager to retrieve the SFTP information. If you do not know who your account manager is, please contact the support team at LoqateSupport@gbgplc.com.

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Loqate, A GBG Solution

Release Notes – Data Updates

2022Q1.1 Minor Release

Case Resolutions

Please visit <https://support.loqate.com/2022q1-1-resolved-cases/> for a list of cases resolved in this release.

If you would like more details on any of the solved cases listed, please contact LoqateSupport@gbgplc.com for further information.

Certification Expiration Dates

If you have purchased either the CASS (USA) or AMAS (Australia) certified products, please be aware that the datasets have expiration dates set by the respective postal authorities. Please ensure that you have the latest library and data installed to avoid loss of service through these products.

	Loqate Release Date	Certification Expiry Date*
AMAS Data	2022-02-10	2022-06-30
CASS Data	2022-03-15	2022-06-28

Please check Install Manager for the latest versions of AMAS and CASS.

**Certification Expiry Date is different from Loqate license key expiry date. The earliest expiry date will apply.*

For more information on expiry date checking for CASS and AMAS, please refer “Usage expiration” section in <https://support.loqate.com/documentation/local-apis/cass-overview-2/> and <https://support.loqate.com/address-matching-approval-system-amas/>

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Data Structure Changes

The below is a summary of the Countries where we have updated the reference data structure.

Country Rebuilds

Country	ISO2	Description
Kosovo	XK	Country Rebuild (New country introduced into Loqate)
Belgium	BE	Country Rebuild (New Source Addition)

Other major changes to highlight:

Country	Description
Mexico	Standardize Administrative Area to ISO 3166-2 three-letter acronym
ADMIN_ISO	Re-order displayed fields. Updated Germany and France Admin ISO.
Timezone	New Time zone Name

BPDH/PDH Countries

Kosovo

Country Information	Description	
ISO2	XK	
ISO3	XKV	
Address Format	Organization PostBox Building SubBuilding Thoroughfare Premise DependentThoroughfare DoubleDependentLocality DependentLocality PostalCode Locality	
PDH	YES	
PDH completed date	2022Q1.1	
New Source	YES	
	Pre-PDH	Post-PDH
Reference Data	-	rd_XK_ggg.lfs rd_XK_ggg_rg.lfs rd_XK_vfy_ai.lfs rd_XK_vfy.lfs

Belgium

Country Information	Description
ISO2	BE
ISO3	BEL
Address Format	Organization PostBox Building Thoroughfare Premise SubBuilding DependentThoroughfare DoubleDependentLocality

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	DependentLocality PostalCode Locality	
PDH	YES	
PDH completed date	2019Q4.0	
New Source	YES	
	Prior to New Data Source	Post New Data Source
Reference Data	rd_BE_vfy.lfs rd_BE_vfy_ai.lfs rd_BE_ggg.lfs rd_BE_ggg_r.lfs rd_BE_ggg_rg.lfs	rd_BE_vfy.lfs rd_BE_vfy_ai.lfs rd_BE_ggg.lfs rd_BE_ggg_r.lfs rd_BE_ggg_r1.lfs rd_BE_ggg_rg.lfs

In the 2022Q1.1 release, we added a new data source to the existing ones for Belgium, which provides PostBox and has a better Premise coverage.

Example of previous and new Belgium data handling PostBox input.

2022Q1.0

The PostBox was parsed incorrectly before adding the new data source.

Logate Demonstration UI v2.42.0.16013-6062831

GKRVerifyAutocompleteQueryLog AnalysisReverseGeocode

Input Data

ID

Organization

Address

Antwerp Tower
De Keyserlei 5, Bus 7

Locality

AdministrativeArea

PostalCode

Country

Antwerpen

2018

BE

OutputScript

ForceCountry

DefaultCountry

☐ Parse☒ Verify☐ Match☐ Search☒ Geocode☐ Enhance

Clear Options

Clear Input

Clear Output

Process

Output

Address Quality Index

A

1

Result Count

1

Address Verification Code

V44-I55-P6-100

Organization

Empty

SubBuilding

Bus 7

Identified no change

Premise

5

Verified no change

Building

Antwerp Twr

Identified alias

PostBox

Empty

DependentThoroughfare

Empty

Thoroughfare

De Keyserlei

Verified no change

DoubleDependentLocality

Empty

DependentLocality

Empty

Locality

Antwerpen

Verified no change

SubAdministrativeArea

Anvers

Added

AdministrativeArea

Antwerpen

Added

SuperAdministrativeArea

Vlaanderen

Added

PostalCode

2018

Verified no change

Country

Belgium

ISO2

BE

ISO3

BEL

Unmatched

Processed Time

00:00:00.41

Shortcuts

View All

To Clipboard

Output

Address

Antwerp Twr
De Keyserlei 5 Bus 7
2018 Antwerpen

Latitude

51.218070

Longitude

4.416400

Accuracy

P4

Distance

0.0

Map This Location

Server Status: ssOK

Process Status: psOK

Some Premise were identified in the previous releases.

2022Q1.1

The PostBox can be verified after new data source being added.

Logate Demonstration UI v2.42.0.16013-6062831

GKRVerifyAutocompleteQueryLog AnalysisReverseGeocode

Input Data

ID

Organization

Address

Antwerp Tower
De Keyserlei 5, Bus 7

Locality

AdministrativeArea

PostalCode

Country

Antwerpen

2018

BE

OutputScript

ForceCountry

DefaultCountry

☐ Parse☒ Verify☐ Match☐ Search☒ Geocode☐ Enhance

Clear Options

Clear Input

Clear Output

Process

Output

Address Quality Index

A

1

Result Count

1

Address Verification Code

V55-I55-P6-100

Organization

Empty

SubBuilding

Empty

Premise

5

Identified no change

Building

Antwerp Twr

Identified alias

PostBox

Bus 7

Verified no change

DependentThoroughfare

Empty

Thoroughfare

De Keyserlei

Verified no change

DoubleDependentLocality

Empty

DependentLocality

Empty

Locality

Antwerpen

Verified no change

SubAdministrativeArea

Antwerpen

Added

AdministrativeArea

Antwerpen

Added

SuperAdministrativeArea

Vlaanderen

Added

PostalCode

2018

Verified no change

Country

Belgium

ISO2

BE

ISO3

BEL

Unmatched

Processed Time

00:00:01.02

Shortcuts

View All

To Clipboard

Output

Address

Bus 7
Antwerp Twr
De Keyserlei 5
2018 Antwerpen

Latitude

51.218071

Longitude

4.416400

Accuracy

A4

Distance

5.0

Map This Location

Server Status: ssOK

Process Status: psOK

More premise now are verified after introducing the new data source.

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Logate Demonstration UI v2.42.0.16013-6062831

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

ID

Organization

Address

Locality

AdministrativeArea

PostalCode

Country

OutputScript

ForceCountry

DefaultCountry

☐ Parse ☒ Verify ☐ Match ☐ Search ☒ Geocode ☐ Enhance

Clear Options Clear Input Clear Output Process

Output

Address Havenweg 36 Doel 9130 Beveren

Latitude 51.311511

Longitude 4.264748

Accuracy A3

Distance 160.6

[Map This Location](#)

Server Status: ssOK

Process Status: psOK

Output

Address Quality Index B 1 Result Count 1

Address Verification Code V33-144-P6-100

Organization Empty

SubBuilding Empty

Premise 36 Identified no change

Building Empty

PostBox Empty

DependentThoroughfare Empty

Thoroughfare Havenweg Verified no change

DoubleDependentLocality Empty

DependentLocality Doel Added

Locality Beveren Verified no change

SubAdministrativeArea Saint-Nicolas Added

AdministrativeArea Oost-Vlaanderen Added

SuperAdministrativeArea Vlaanderen Added

PostalCode 9130 Verified no change

Country Belgium

ISO2 BE ISO3 BEL

Unmatched

Processed Time 00:00:00.39

Shortcuts View All To Clipboard

Logate Demonstration UI v2.42.0.16013-6062831

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

ID

Organization

Address

Locality

AdministrativeArea

PostalCode

Country

OutputScript

ForceCountry

DefaultCountry

☐ Parse ☒ Verify ☐ Match ☐ Search ☒ Geocode ☐ Enhance

Clear Options Clear Input Clear Output Process

Output

Address Havenweg 36 Doel 9130 Beveren

Latitude 51.311285

Longitude 4.263284

Accuracy P4

Distance 0.0

[Map This Location](#)

Server Status: ssOK

Process Status: psOK

Output

Address Quality Index A 1 Result Count 1

Address Verification Code V44-144-P6-100

Organization Empty

SubBuilding Empty

Premise 36 Verified no change

Building Empty

PostBox Empty

DependentThoroughfare Empty

Thoroughfare Havenweg Verified no change

DoubleDependentLocality Empty

DependentLocality Doel Added

Locality Beveren Verified no change

SubAdministrativeArea Sint-Niklaas Added

AdministrativeArea Oost-Vlaanderen Added

SuperAdministrativeArea Vlaanderen Added

PostalCode 9130 Verified no change

Country Belgium

ISO2 BE ISO3 BEL

Unmatched

Processed Time 00:00:00.20

Shortcuts View All To Clipboard

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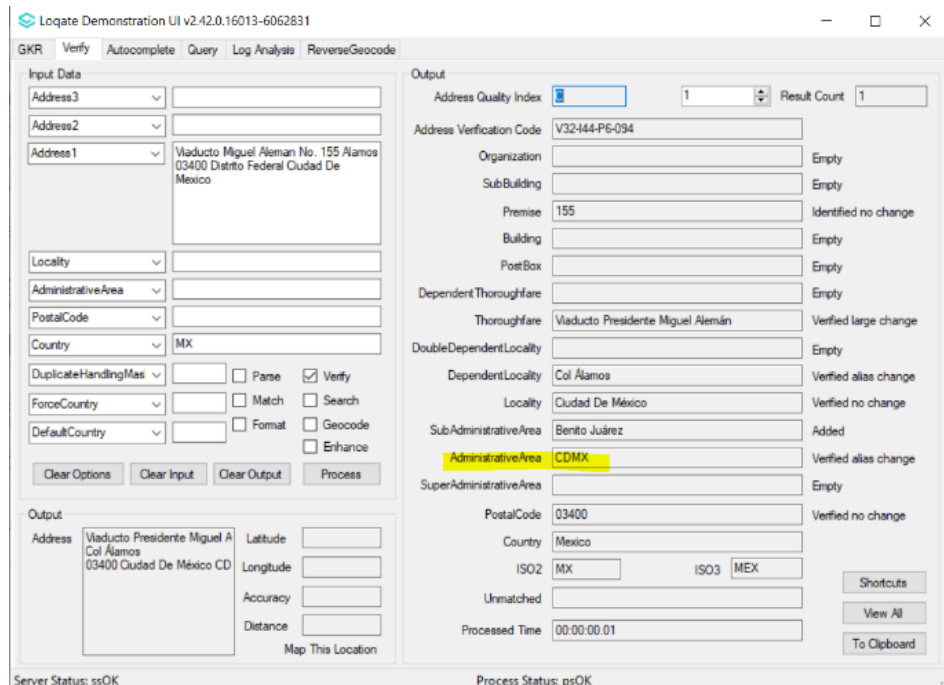
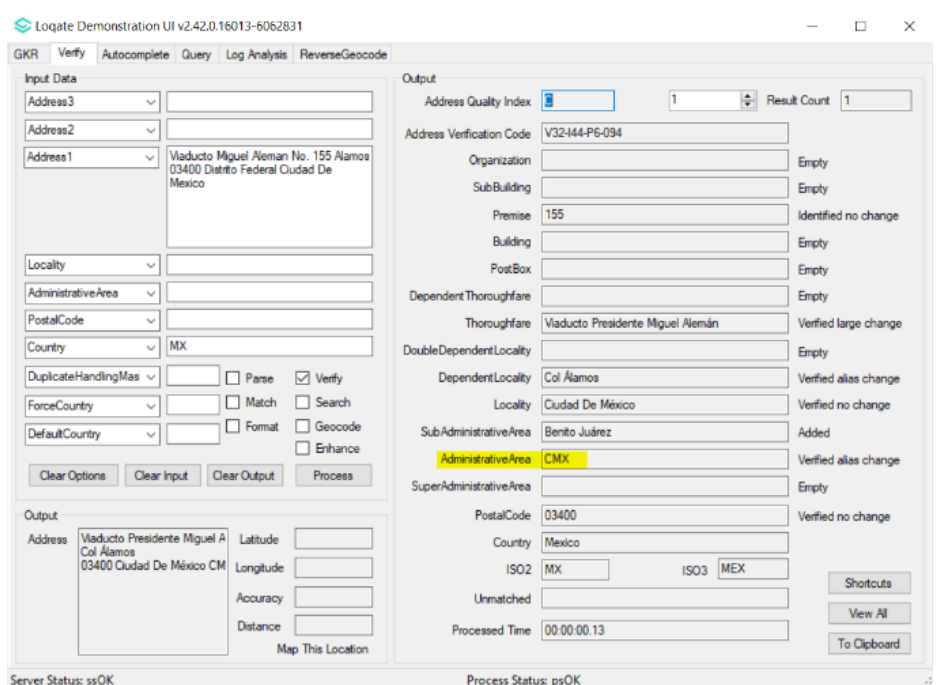
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MAJOR HIGHLIGHTS

Mexico

The Administrative Area is standardized to ISO 3166-2 three-letter acronym.

2022Q1.0	2022Q1.1
Output Administrative Area is CDMX.  The screenshot shows the Loqate Demonstration UI for 2022Q1.0. The 'Input Data' section on the left contains fields for Address3, Address2, and Address1, with Address1 populated with 'Viaducto Miguel Aleman No. 155 Alamos 03400 Distrito Federal Ciudad De Mexico'. The 'Output' section on the right shows the 'AdministrativeArea' field highlighted in yellow with the value 'CDMX'. The 'Country' field is 'MX'. The 'Processed Time' is '00:00:00.01'.	Output Administrative Area is CMX.  The screenshot shows the Loqate Demonstration UI for 2022Q1.1. The 'Input Data' section on the left contains fields for Address3, Address2, and Address1, with Address1 populated with 'Viaducto Miguel Aleman No. 155 Alamos 03400 Distrito Federal Ciudad De Mexico'. The 'Output' section on the right shows the 'AdministrativeArea' field highlighted in yellow with the value 'CMX'. The 'Country' field is 'MX'. The 'Processed Time' is '00:00:00.13'.

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Output Administrative Area is NL.

Loqate Demonstration UI v2.42.0.16013-6062831

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

Address3

Address2

Address1

Locality

AdministrativeArea

PostalCode

Country

DuplicateHandlingMas ☐ Parse ☒ Verify

ForceCountry ☐ Match ☐ Search

DefaultCountry ☐ Format ☐ Geocode

☐ Enhance

Clear Options Clear Input Clear Output Process

Output

Address Pleyades 211 Col Contry 64860 Monterrey NL

Latitude

Longitude

Accuracy

Distance

Map This Location

Output

Address Quality Index 1 Result Count 1

Address Verification Code V44-I44-P4-087

Organization Empty

SubBuilding Empty

Premise 211 Verified no change

Building Empty

PostBox Empty

DependentThoroughfare Empty

Thoroughfare Pleyades Verified no change

DoubleDependentLocality Empty

DependentLocality Col Contry Verified alias change

Locality Monterrey Verified no change

SubAdministrativeArea Monterrey Added

AdministrativeArea NL Verified alias change

SuperAdministrativeArea Empty

PostalCode 64860 Verified large change

Country Mexico

ISO2 MX ISO3 MEX

Unmatched

Processed Time 00:00:00.05

Shortcuts View All To Clipboard

Server Status: ssOK Process Status: psOK

Output Administrative Area is NLE.

Loqate Demonstration UI v2.42.0.16013-6062831

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

Address3

Address2

Address1

Locality

AdministrativeArea

PostalCode

Country

DuplicateHandlingMas ☐ Parse ☒ Verify

ForceCountry ☐ Match ☐ Search

DefaultCountry ☐ Format ☐ Geocode

☐ Enhance

Clear Options Clear Input Clear Output Process

Output

Address Pleyades 211 Col Contry 64860 Monterrey NLE

Latitude

Longitude

Accuracy

Distance

Map This Location

Output

Address Quality Index 1 Result Count 1

Address Verification Code V44-I44-P4-087

Organization Empty

SubBuilding Empty

Premise 211 Verified no change

Building Empty

PostBox Empty

DependentThoroughfare Empty

Thoroughfare Pleyades Verified no change

DoubleDependentLocality Empty

DependentLocality Col Contry Verified alias change

Locality Monterrey Verified no change

SubAdministrativeArea Monterrey Added

AdministrativeArea NLE Verified alias change

SuperAdministrativeArea Empty

PostalCode 64860 Verified large change

Country Mexico

ISO2 MX ISO3 MEX

Unmatched

Processed Time 00:00:00.05

Shortcuts View All To Clipboard

Server Status: ssOK Process Status: psOK

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Enhance Administrative ISO2 Dataset

Germany and France have had an Admin ISO updated in this release.

Example of the German ISO update below

2022Q1.0

Baden-Württemberg has no AdministrativeArea ISO returned.

Loqate Demonstration UI v2.42.0.16013-6062831

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

Address3

Address2

Address1

Locality

AdministrativeArea

PostalCode

Country

DuplicateHandlingMas

ForceCountry

DefaultCountry

Clear Options

Clear Input

Clear Output

Process

Output

Address Quality Index

Address Verification Code

Organization

Sub-Building

Premise

Building

PostBox

DependentThoroughfare

DoubleDependentLocality

DependentLocality

Locality

Sub-AdministrativeArea

AdministrativeArea

SuperAdministrativeArea

PostalCode

Country

ISO2

Unmatched

Processed Time

Reverse Grid

1

Verify LOGOUTPUT-YesCountr

Address

Address1

Address2

AddressFormat

AdministrativeArea

AQI

AVC

CountryName

DeliveryAddress

DeliveryAddress1

DeliveryAddressFormat

HyphenClass

ISO3166-2

ISO3166-3

ISO3166-N

Locality

MatchRuleLabel

PostalCode

PostalCodePrimary

Premise

PremiseNumber

Sub-AdministrativeArea

Thoroughfare

Server Status: ssOK Process Status: psOK

2022Q1.1

Baden-Württemberg has AdministrativeArea ISO returned.

Loqate Demonstration UI v2.42.0.16013-6062831

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

Address3

Address2

Address1

Locality

AdministrativeArea

PostalCode

Country

DuplicateHandlingMas

ForceCountry

DefaultCountry

Clear Options

Clear Input

Clear Output

Process

Output

Address Quality Index

Address Verification Code

Organization

Sub-Building

Premise

Building

PostBox

DependentThoroughfare

DoubleDependentLocality

DependentLocality

Locality

Sub-AdministrativeArea

AdministrativeArea

SuperAdministrativeArea

PostalCode

Country

ISO2

Unmatched

Processed Time

Reverse Grid

1

Verify LOGOUTPUT-YesCountr

Address

Address1

Address2

AddressFormat

AdministrativeArea

AdministrativeAreaISO2

AQI

AVC

CountryName

DeliveryAddress

DeliveryAddress1

DeliveryAddressFormat

HyphenClass

ISO3166-2

ISO3166-3

ISO3166-N

Locality

MatchRuleLabel

PostalCode

PostalCodePrimary

Premise

PremiseNumber

Sub-AdministrativeArea

Thoroughfare

Server Status: ssOK Process Status: psOK

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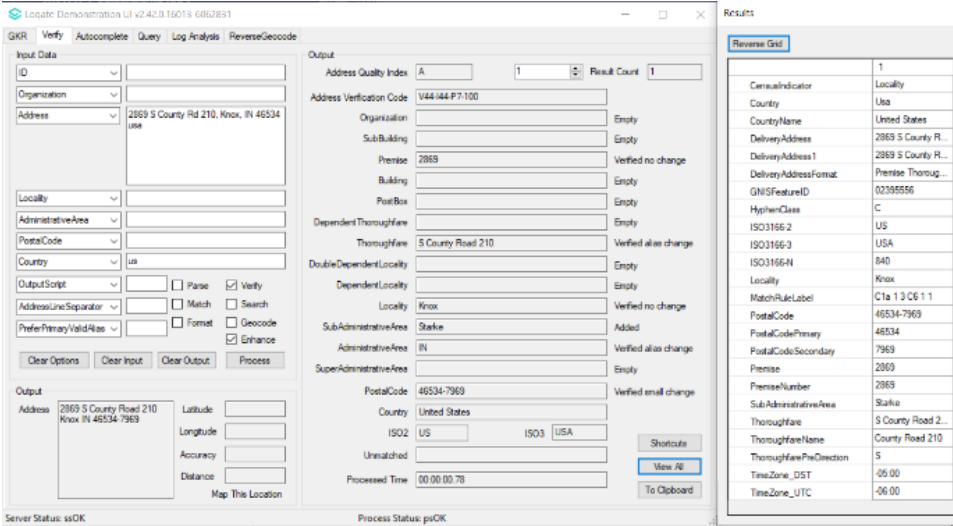
Enhance Time Zone Dataset

Previously support TimeZone_DTC & TimeZone_UTC only.

NEW field - TimeZone_Name is supported and displayed from 2022Q1.1 onwards.

2022Q1.0

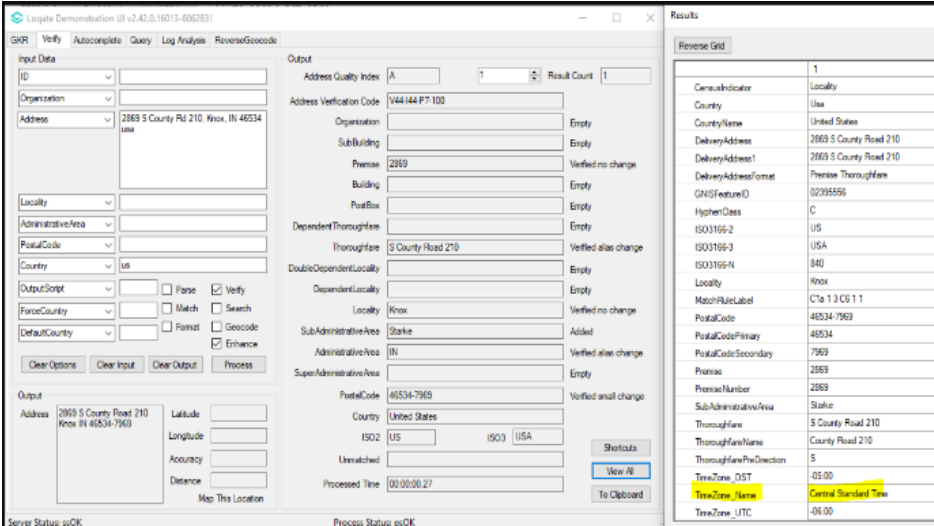
Support TimeZone_DTC & TimeZone_UTC only



Reverse Grid	
CensuIndicator	1
Country	Locality
CountryName	United States
DeliveryAddress	2869 S County Rd 210, Knox, IN 46534
DeliveryAddress1	2869 S County Rd 210
DeliveryAddressFormat	Premise Thoroughfare
GNSFeatureID	02095556
HyphenClass	C
ISO3166-2	US
ISO3166-3	USA
ISO3166-N	840
Locality	Knox
MatchRuleLabel	C1e 1 3 C6 1 1
PostalCode	46534-7969
PostalCodePrimary	46534
PostalCodeSecondary	7969
Premise	2869
PremiseNumber	2869
SubAdministrativeArea	Starkie
Thoroughfare	S County Road 210
ThoroughfareName	County Road 210
ThoroughfarePreDirection	S
TimeZone_DST	05:00
TimeZone_UTC	-06:00

2022Q1.1

Support new field – TimeZone_Name



Reverse Grid	
CensuIndicator	1
Country	Locality
CountryName	United States
DeliveryAddress	2869 S County Road 210
DeliveryAddress1	2869 S County Road 210
DeliveryAddressFormat	Premise Thoroughfare
GNSFeatureID	02095556
HyphenClass	C
ISO3166-2	US
ISO3166-3	USA
ISO3166-N	840
Locality	Knox
MatchRuleLabel	C1e 1 3 C6 1 1
PostalCode	46534-7969
PostalCodePrimary	46534
PostalCodeSecondary	7969
Premise	2869
PremiseNumber	2869
SubAdministrativeArea	Starkie
Thoroughfare	S County Road 210
ThoroughfareName	County Road 210
ThoroughfarePreDirection	S
TimeZone_DST	05:00
TimeZone_Name	Central Standard Time
TimeZone_UTC	-06:00

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2022Q1.1 Data related Case Fixes

Case Number	Change Description	Category	Country	Example Address
CAS-61061-W3R6K4	Administrative Area acronym standardized to ISO3166-2 in seed	Data	MEX	N/A
Before Behaviour			After Behaviour	
AdministrativeArea 2334664	Chiapas<S=LATN,L=ES> @CHIS \$CHA		AdministrativeArea 2334664	Chiapas<S=LATN><L=ES> @CHP \$CHA \$CHIS
AdministrativeArea 1915201	México<S=LATX,L=ES> -Mexico @MÉX \$Meksiko \$Edomex		AdministrativeArea 1915201	México<S=LATN><L=ES> -Mexico @MEX \$MÉX \$Meksiko \$Edomex
AdministrativeArea 2153184	Nuevo León<S=LATX,L=ES> -Nuevo Leon @NL		AdministrativeArea 2153184	Nuevo León<S=LATN><L=ES> -Nuevo Leon @NLE \$NL

Case Number	Change Description	Category	Country	Example Address
CAS-09261-C3C3F6	Verify Dependent Locality	Data	USA	Address1: 150 Ave Pedro Albizu Campos Address1: Repto Lopez Locality: Aguadilla AdministrativeArea: PR Postalcode: 603 Country: USA

Before Image/Behaviour

Loqate Demonstration UI v2.40.1.15683-927cda5

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

Address3

Address2

Address1

Locality

AdministrativeArea

PostalCode

Country

PreferPrimaryValidAlias ☐ Parse ☒ Verify

OutputCasing ☐ Match ☐ Search

reCheckOptions ☐ Format ☐ Geocode ☐ Enhance

Clear Options Clear Input Clear Output Process

Output

Address Quality Index 1 Result Count 1

Address Verification Code

Organization

SubBuilding

Premise Verified no change

Building

PostBox

DependentThoroughfare

Thoroughfare Verified no change

DoubleDependentLocality

DependentLocality Identified no change

Locality Verified no change

SubAdministrativeArea Added

AdministrativeArea Verified no change

SuperAdministrativeArea

PostalCode Verified large change

Country

ISO2 ISO3

Unmatched

Processed Time

Shortcuts View All To Clipboard

Output

Address Latitude

Longitude

Accuracy

Distance

Map This Location

Server Status: ssOK Process Status: psOK

After Image/Behaviour

Loqate Demonstration UI v2.40.1.15683-927cda5

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

Address3

Address2

Address1

Locality

AdministrativeArea

PostalCode

Country

PreferPrimaryValidAlias ☐ Parse ☒ Verify

OutputCasing ☐ Match ☐ Search

reCheckOptions ☐ Format ☐ Geocode ☐ Enhance

Clear Options Clear Input Clear Output Process

Output

Address Quality Index 1 Result Count 1

Address Verification Code

Organization

SubBuilding

Premise Verified no change

Building

PostBox

DependentThoroughfare

Thoroughfare Verified no change

DoubleDependentLocality

DependentLocality Verified no change

Locality Verified no change

SubAdministrativeArea Added

AdministrativeArea Verified no change

SuperAdministrativeArea

PostalCode Verified large change

Country

ISO2 ISO3

Unmatched

Processed Time

Shortcuts View All To Clipboard

Output

Address Latitude

Longitude

Accuracy

Distance

Map This Location

Server Status: ssOK Process Status: psOK

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Case Number	Change Description	Category	Country	Example Address
CAS-38495-P6V6W6	Improve Geo accuracy and thoroughfare output	Data	Ireland	Address1: 8 Glengariff Parade Locality: Dublin AdministrativeArea: Co Dublin PostalCode: 7 Country: IE Address1: 10 Lower Abbey Street Locality: Dublin AdministrativeArea: Co Dublin PostalCode: 1 Country: IE Address1: 98 Lower Baggot Street Locality: Dublin AdministrativeArea: Co Dublin PostalCode: 2 Country: IE Address1: 12 Lr Ormond Quay Locality: Dublin AdministrativeArea: Co Dublin PostalCode: 1 Country: IE

Before Image/Behaviour

Loqate Demonstration UI v2.42.0.16013-6062831

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

Address3

Address2

Address1

Locality

AdministrativeArea

PostalCode

Country

CombinedVerifyMethod ☐ Parse ☒ Verify

PreferPrimaryValidAlias ☐ Match ☐ Search

MaxMatchRuleCandidi ☐ Format ☒ Geocode ☐ Enhance

Clear Options Clear Input Clear Output Process

Output

Address Quality Index Result Count

Address Verification Code

Organization

SubBuilding

Premise Identified no change

Building

PostBox

DependentThoroughfare

Thoroughfare Identified context

DoubleDependentLocality

DependentLocality Identified no change

Locality Verified no change

SubAdministrativeArea

AdministrativeArea Verified large change

SuperAdministrativeArea

PostalCode

Country

ISO2 ISO3

Unmatched

Processed Time

Shortcuts View All To Clipboard

Output

Address Latitude

Longitude

Accuracy

Distance

[Map This Location](#)

Server Status: ssOK Process Status: psOK

After Image/Behaviour

Loqate Demonstration UI v2.42.0.16013-6062831

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

Address3

Address2

Address1

Locality

AdministrativeArea

PostalCode

Country

CombinedVerifyMethod ☐ Parse ☒ Verify

PreferPrimaryValidAlias ☐ Match ☐ Search

MaxMatchRuleCandidi ☐ Format ☒ Geocode ☐ Enhance

Clear Options Clear Input Clear Output Process

Output

Address Quality Index Result Count

Address Verification Code

Organization

SubBuilding

Premise Verified no change

Building

PostBox

DependentThoroughfare

Thoroughfare Verified alias change

DoubleDependentLocality

DependentLocality Verified no change

Locality Verified no change

SubAdministrativeArea

AdministrativeArea Added

SuperAdministrativeArea

PostalCode Added

Country

ISO2 ISO3

Unmatched

Processed Time

Shortcuts View All To Clipboard

Output

Address Latitude

Longitude

Accuracy

Distance

[Map This Location](#)

Server Status: ssOK Process Status: psOK

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Before

Loqate Demonstration UI v2.42.0.16013-6062831

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

Address3

Address2

Address1

Locality

AdministrativeArea

PostalCode

Country

CombinedVerifyMethod ☐ Parse ☒ Verify

PreferPrimaryValidAlias ☐ Match ☐ Search

MaxMatchRuleCandidi ☐ Format ☒ Geocode

☐ Enhance

Clear Options Clear Input Clear Output Process

Output

Address 10 Lower Abbey Street Dublin 1 Latitude 53.351897 Longitude -6.254988 Accuracy A2 Distance 3727.0 Map This Location

Address Quality Index Result Count 1

Address Verification Code P22-144-P0-070

Organization

SubBuilding

Premise 10 Identified no change

Building

PostBox

DependentThoroughfare

Thoroughfare Lower Abbey Street Identified no change

DoubleDependentLocality

DependentLocality Dublin 1 Identified no change

Locality Dublin Verified no change

SubAdministrativeArea

AdministrativeArea Co. Dublin Verified large change

SuperAdministrativeArea

PostalCode

Country Ireland

ISO2 IE ISO3 IRL

Unmatched

Processed Time 00:00:00.09

Shortcuts View All To Clipboard

Server Status: ssOK Process Status: psOK

After

Loqate Demonstration UI v2.42.0.16013-6062831

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

Address3

Address2

Address1

Locality

AdministrativeArea

PostalCode

Country

CombinedVerifyMethod ☐ Parse ☒ Verify

PreferPrimaryValidAlias ☐ Match ☐ Search

MaxMatchRuleCandidi ☐ Format ☒ Geocode

☐ Enhance

Clear Options Clear Input Clear Output Process

Output

Address 10 Abbey Street Lower Dublin 1 D01 V5Y2 Latitude 53.348850 Longitude -6.257430 Accuracy P4 Distance 0.0 Map This Location

Address Quality Index Result Count 1

Address Verification Code V44-144-P3-100

Organization

SubBuilding

Premise 10 Verified no change

Building

PostBox

DependentThoroughfare

Thoroughfare Abbey Street Lower Verified alias change

DoubleDependentLocality

DependentLocality Dublin 1 Verified no change

Locality Dublin Verified no change

SubAdministrativeArea

AdministrativeArea Co. Dublin Added

SuperAdministrativeArea

PostalCode D01 V5Y2 Added

Country Ireland

ISO2 IE ISO3 IRL

Unmatched Co

Processed Time 00:00:00.06

Shortcuts View All To Clipboard

Server Status: ssOK Process Status: psOK

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Before

Loqate Demonstration UI v2.42.0.16013-6062831

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

Address3

Address2

Address1

Locality

AdministrativeArea

PostalCode

Country

CombinedVerifyMethod ☐ Parse ☒ Verify

PreferPrimaryValidAlias ☐ Match ☐ Search

MaxMatchRuleCandidi ☐ Format ☒ Geocode ☐ Enhance

Clear Options Clear Input Clear Output Process

Output

Address 98 Lower Baggot Street Dublin 2 Latitude 53.340808 Longitude -6.255889 Accuracy A2 Distance 2325.7 Map This Location

Address Quality Index Result Count 1

Address Verification Code P22-444-PD-070

Organization

SubBuilding

Premise 98 Identified no change

Building

PostBox

DependentThoroughfare

Thoroughfare Lower Baggot Street Identified no change

DoubleDependentLocality

DependentLocality Dublin 2 Identified no change

Locality Dublin Verified no change

SubAdministrativeArea

AdministrativeArea Co. Dublin Verified large change

SuperAdministrativeArea

PostalCode

Country Ireland

ISO2 IE ISO3 IRL

Unmatched

Processed Time 00:00:00.06

Shortcuts View All To Clipboard

Server Status: ssOK Process Status: psOK

After

Loqate Demonstration UI v2.42.0.16013-6062831

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

Address3

Address2

Address1

Locality

AdministrativeArea

PostalCode

Country

CombinedVerifyMethod ☐ Parse ☒ Verify

PreferPrimaryValidAlias ☐ Match ☐ Search

MaxMatchRuleCandidi ☐ Format ☒ Geocode ☐ Enhance

Clear Options Clear Input Clear Output Process

Output

Address 98 Baggot Street Lower Dublin 2 D02 AE24 Latitude 53.335640 Longitude -6.247720 Accuracy P4 Distance 0.0 Map This Location

Address Quality Index Result Count 1

Address Verification Code V44-444-P3-100

Organization

SubBuilding

Premise 98 Verified no change

Building

PostBox

DependentThoroughfare

Thoroughfare Baggot Street Lower Verified alias change

DoubleDependentLocality

DependentLocality Dublin 2 Verified no change

Locality Dublin Verified no change

SubAdministrativeArea

AdministrativeArea Co. Dublin Added

SuperAdministrativeArea

PostalCode D02 AE24 Added

Country Ireland

ISO2 IE ISO3 IRL

Unmatched Co

Processed Time 00:00:00.05

Shortcuts View All To Clipboard

Server Status: ssOK Process Status: psOK

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Before

Loqate Demonstration UI v2.42.0.16013-6062831

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

Address3

Address2

Address1

Locality

AdministrativeArea

PostalCode

Country

CombinedVerifyMethod ☐ Parse ☒ Verify

PreferPrimaryValidAlias ☐ Match ☐ Search

MaxMatchRuleCandidi ☐ Format ☒ Geocode ☐ Enhance

Clear Options Clear Input Clear Output Process

Output

Address 12 Lr Omond Quay
Dublin 1

Latitude 53.351897

Longitude -6.254988

Accuracy A2

Distance 3727.0

Map This Location

Address Quality Index Result Count 1

Address Verification Code P22-124-P0-070

Organization

SubBuilding

Premise 12 Identified no change

Building

PostBox

DependentThoroughfare

Thoroughfare Lr Omond Quay Identified context

DoubleDependentLocality

DependentLocality Dublin 1 Identified no change

Locality Dublin Verified no change

SubAdministrativeArea

AdministrativeArea Co. Dublin Verified large change

SuperAdministrativeArea

PostalCode

Country Ireland

ISO2 IE ISO3 IRL

Unmatched

Processed Time 00:00:00.04

Shortcuts View All To Clipboard

Server Status: ssOK Process Status: psOK

After

Loqate Demonstration UI v2.42.0.16013-6062831

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

Address3

Address2

Address1

Locality

AdministrativeArea

PostalCode

Country

CombinedVerifyMethod ☐ Parse ☒ Verify

PreferPrimaryValidAlias ☐ Match ☐ Search

MaxMatchRuleCandidi ☐ Format ☒ Geocode ☐ Enhance

Clear Options Clear Input Clear Output Process

Output

Address 12 Omond Quay Lower
Dublin 1
D01 P9W0

Latitude 53.346310

Longitude -6.266480

Accuracy P4

Distance 0.0

Map This Location

Address Quality Index Result Count 1

Address Verification Code V44-144-P3-100

Organization

SubBuilding

Premise 12 Verified no change

Building

PostBox

DependentThoroughfare

Thoroughfare Omond Quay Lower Verified alias change

DoubleDependentLocality

DependentLocality Dublin 1 Verified no change

Locality Dublin Verified no change

SubAdministrativeArea

AdministrativeArea Co. Dublin Added

SuperAdministrativeArea

PostalCode D01 P9W0 Added

Country Ireland

ISO2 IE ISO3 IRL

Unmatched Co

Processed Time 00:00:00.04

Shortcuts View All To Clipboard

Server Status: ssOK Process Status: psOK

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Case Number	Change Description	Category	Country	Example Address
CAS-63288-V6Z5R8	PostalCode corrected in new Reference Data	Data	RUS	Address1: 3-1-265 Sayanskaya Locality: Moscow PostalCode: 111531 Country: RU

Before Image/Behaviour

Loqate Demonstration UI v2.42.0.16013-6062831

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

ID

Organization

Address1

Locality

AdministrativeArea

PostalCode

Country

OutputScript

MaxResults

StrictReferenceMatch

Clear Options Clear Input Clear Output Process

Output

Address Quality Index Result Count

Address Verification Code

Organization

SubBuilding Identified no change

Premise Verified no change

Building

PostBox

DependentThoroughfare

Thoroughfare Verified alias change

DoubleDependentLocality

DependentLocality Added

Locality Verified no change

SubAdministrativeArea

AdministrativeArea Added

SuperAdministrativeArea Added

PostalCode Verified large change

Country

ISO2 ISO3

Unmatched

Processed Time

Shortcuts View All To Clipboard

Output

Address Sayanskaya Ulitsa 3-1, 265
Ivanovskoye
Moscow
Moscow
108808

Latitude

Longitude

Accuracy

Distance

Map This Location

Server Status: ssOK Process Status: psOK

After Image/Behaviour

Loqate Demonstration UI v2.42.0.16013-6062831

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

ID

Organization

Address1

Locality

AdministrativeArea

PostalCode

Country

MatchScoreAbsoluteTI

MaxResults

StrictReferenceMatch

Clear Options Clear Input Clear Output Process

Output

Address Quality Index Result Count

Address Verification Code

Organization

SubBuilding Identified no change

Premise Verified no change

Building

PostBox

DependentThoroughfare

Thoroughfare Verified alias change

DoubleDependentLocality

DependentLocality Added

Locality Verified no change

SubAdministrativeArea

AdministrativeArea Added

SuperAdministrativeArea Added

PostalCode Verified no change

Country

ISO2 ISO3

Unmatched

Processed Time

Shortcuts View All To Clipboard

Output

Address Sayanskaya Ulitsa 3-1, 265
Mo Ivanovskoe
Moscow
Moscow
111531

Latitude

Longitude

Accuracy

Distance

Map This Location

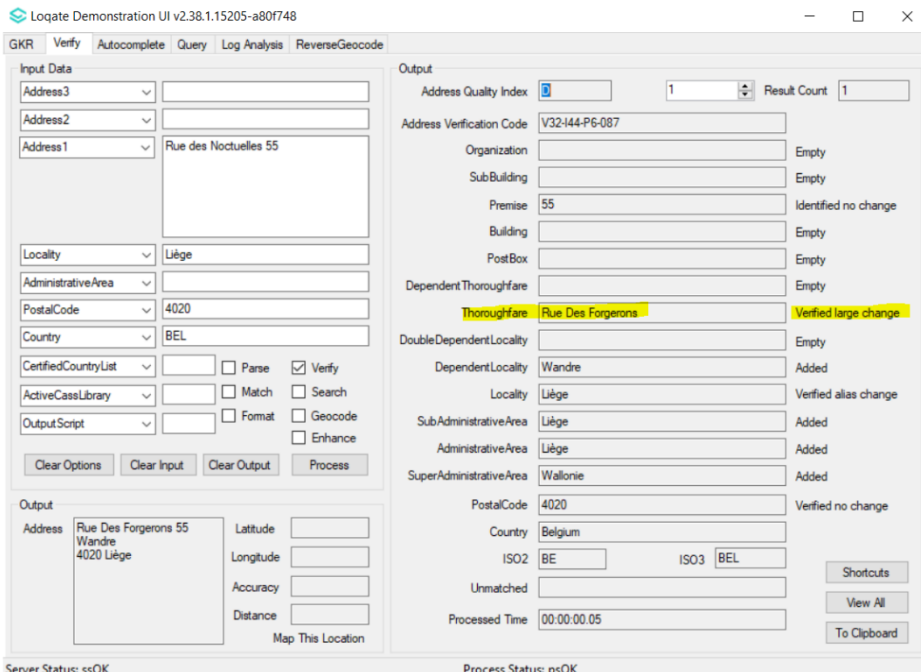
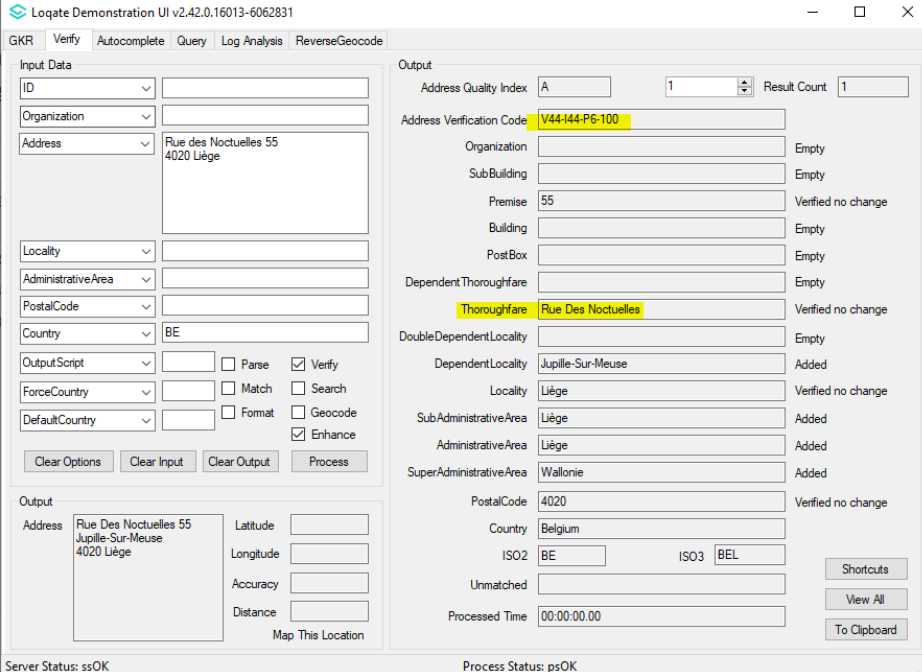
Server Status: ssOK Process Status: psOK

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Case Number	Change Description	Category	Country	Example Address
CAS-09746-K5L6Q0	The BE address was not verified to Premise level	Data	BE	Rue des Noctuelles 55 4020 Liège BE

Before Country Rebuild	After Country Rebuild
 Loqate Demonstration UI v2.38.1.15205-a80f748 Input Data: Address3, Address2, Address1 (Rue des Noctuelles 55), Locality (Liège), AdministrativeArea, PostalCode (4020), Country (BEL). Output: Address Quality Index 0, 1, Result Count 1. Address Verification Code V32-144-P6-087. Organization, SubBuilding, Premise (55), Building, PostBox, Dependent Thoroughfare, DoubleDependentLocality, Locality (Liège), SubAdministrativeArea (Liège), AdministrativeArea (Liège), SuperAdministrativeArea (Wallonie), PostalCode (4020), Country (Belgium), ISO2 (BE), ISO3 (BEL). Status: Verified large change.	 Loqate Demonstration UI v2.42.0.16013-6062831 Input Data: ID, Organization, Address (Rue des Noctuelles 55, 4020 Liège), Locality, AdministrativeArea, PostalCode, Country (BE). Output: Address Quality Index A, 1, Result Count 1. Address Verification Code V44-144-P6-100. Organization, SubBuilding, Premise (55), Building, PostBox, Dependent Thoroughfare, DoubleDependentLocality, Locality (Liège), SubAdministrativeArea (Liège), AdministrativeArea (Liège), SuperAdministrativeArea (Wallonie), PostalCode (4020), Country (Belgium), ISO2 (BE), ISO3 (BEL). Status: Verified no change.

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Case Number	Change Description	Category	Country	Example Address
CAS-10929-W8Y7G3	The output town and postal code do not follow BE Postal	Data	BE	Tweekronenstraat 7 2180 Ekeren BE

Before Country Rebuild

Loqate Demonstration UI v2.38.1.15205-a80f748

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

Premise

PostalCode

Address1

Address2

Locality

AdministrativeArea

Country

PreferPrimaryValidAlias ☐ Parse ☒ Verify

CasingIgnoreFields ☐ Match ☐ Search

UsePostalCasing ☐ Format ☐ Geocode

☐ Enhance

Output

Address Quality Index 1 Result Count 1

Address Verification Code V44-I44-P3-100

Organization

SubBuilding

Premise Verified no change

Building

PostBox

DependentThoroughfare

Thoroughfare Verified no change

DoubleDependentLocality

DependentLocality Verified alias change

Locality Verified alias change

SubAdministrativeArea Added

AdministrativeArea Added

SuperAdministrativeArea Added

PostalCode Added

Country

ISO2 ISO3

Unmatched

Processed Time 00:00:00.00

Output

Address

Latitude

Longitude

Accuracy

Distance

After Country Rebuild

Loqate Demonstration UI v2.42.0.16013-6062831

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

ID

Organization

Address

Locality

AdministrativeArea

PostalCode

Country

OutputScript

ForceCountry

DefaultCountry

☐ Parse ☒ Verify

☐ Match ☐ Search

☐ Format ☐ Geocode

☒ Enhance

Output

Address Quality Index 1 Result Count 1

Address Verification Code V44-I44-P6-100

Organization

SubBuilding

Premise Verified no change

Building

PostBox

DependentThoroughfare

Thoroughfare Verified no change

DoubleDependentLocality

DependentLocality Verified no change

Locality Added

SubAdministrativeArea Added

AdministrativeArea Added

SuperAdministrativeArea Added

PostalCode Verified no change

Country

ISO2 ISO3

Unmatched

Processed Time 00:00:00.00

Output

Address

Latitude

Longitude

Accuracy

Distance

Server Status: ssOK Process Status: psOK

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Case Number	Change Description	Category	Country	Example Address
CAS-10679-C3B7P7	The Locality entries are expected to have multiple languages, e.g., NL and FR	Data	BE	Locality: Liège
Before Country Rebuild			After Country Rebuild	
<pre>Locality 176068 SubAdministrativeArea 234495 Liège<S=LATX,L=NL> - Liege \$Lutych \$Liegi \$L'ezh \$Lüttich \$Luik \$Lieja \$Liège Льеж<S=CYRL,L=RU> Λιέγη<S=GREK,L=EL></pre>			<pre>Locality 176068 SubAdministrativeArea 234495 Liège<S=LATX,L=FR> -liege \$Lutych \$Lüttich \$Lieja \$Liegi \$Liège \$L'ezh \$Luik<S=LATN,L=NL> Льеж<S=CYRL,L=RU> Λιέγη<S=GREK,L=EL></pre>	

Case Number	Change Description	Category	Country	Example Address
CAS-11800-C6J8Y6	Input dependent localities are no longer parsed to building field	Data	Malaysia	Address1: 2, JALAN AUSTIN HEIGHTS 1/5 Address2: MOUNT AUSTIN Address3: JOHOR BAHRU Locality: JOHOR. PostalCode: 81100 Country: Malaysia Address1: NO 9 JALAN DAGANG B/6 Address2: SRI AMPANG MAS Address3: TAMAN DAGANG Address4: AMPANG Country: Malaysia
Before Image			After Image	

Address 1

Loqate Demonstration UI v2.42.0.16013-6062831

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

ID

Organization

Address

Locality

AdministrativeArea

PostalCode

Country

MatchScoreAbsoluteTI ☒ Parse ☐ Verify

ForceCountry ☐ Match ☐ Search

MaxResults ☐ Format ☒ Geocode ☐ Enhance

Clear Options Clear Input Clear Output Process

Output

Address MOUNT AUSTIN
2 JALAN AUSTIN HEIGHTS
81100 JOHOR BAHRU
JOHOR

Latitude 1.558520

Longitude 103.774120

Accuracy P4

Distance 0.0

[Map This Location](#)

Server Status: ssOK

Process Status: psOK

Output

Address Quality Index Result Count 1

Address Verification Code U00-144-P2-100

Organization Empty

SubBuilding Empty

Premise 2 Identified no change

Building MOUNT AUSTIN Identified no change

PostBox Empty

DependentThoroughfare Empty

Thoroughfare JALAN AUSTIN HEIGHTS 1/5 Identified no change

DoubleDependentLocality Empty

DependentLocality Empty

Locality JOHOR BAHRU Identified no change

SubAdministrativeArea Empty

AdministrativeArea JOHOR Identified no change

SuperAdministrativeArea Empty

PostalCode 81100 Identified no change

Country Malaysia

ISO2 MY ISO3 MYS

Unmatched

Processed Time 00:00:00.01

Shortcuts View All To Clipboard

Address 1 After

Loqate Demonstration UI v2.39.1.15377-0102a77

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

ID

Organization

Address

Locality

AdministrativeArea

PostalCode

Country

MatchScoreAbsoluteTI ☒ Parse ☐ Verify

ForceCountry ☐ Match ☐ Search

MaxResults ☐ Format ☒ Geocode ☐ Enhance

Clear Options Clear Input Clear Output Process

Output

Address 2 JALAN AUSTIN HEIGHTS
Taman Mount Austin
81100 JOHOR BAHRU
JOHOR

Latitude 1.558520

Longitude 103.774120

Accuracy P4

Distance 0.0

[Map This Location](#)

Server Status: ssOK

Process Status: psOK

Output

Address Quality Index Result Count 1

Address Verification Code U00-144-P2-100

Organization Empty

SubBuilding Empty

Premise 2 Identified no change

Building Empty

PostBox Empty

DependentThoroughfare Empty

Thoroughfare JALAN AUSTIN HEIGHTS 1/5 Identified no change

DoubleDependentLocality Empty

DependentLocality Taman Mount Austin Identified alias

Locality JOHOR BAHRU Identified no change

SubAdministrativeArea Empty

AdministrativeArea JOHOR Identified no change

SuperAdministrativeArea Empty

PostalCode 81100 Identified no change

Country Malaysia

ISO2 MY ISO3 MYS

Unmatched

Processed Time 00:00:00.01

Shortcuts View All To Clipboard

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Address 2

Loqate Demonstration UI v2.42.0.16013-6062831

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

ID

Organization

Address

Locality

AdministrativeArea

PostalCode

Country

MatchScoreAbsoluteTI ☒ Parse ☐ Verify

ForceCountry ☐ Match ☐ Search

MaxResults ☐ Format ☒ Geocode ☐ Enhance

Clear Options Clear Input Clear Output Process

Output

Address SRI AMPANG MAS 9 JALAN DAGANG B 6 TAMAN DAGANG AMPANG

Latitude 3.149530

Longitude 101.755470

Accuracy P4

Distance 0.0

[Map This Location](#)

Address Quality Index E 1 Result Count 1

Address Verification Code U00-I44-P0-100

Organization Empty

SubBuilding Empty

Premise 9 Identified no change

Building SRI AMPANG MAS Identified no change

PostBox Empty

DependentThoroughfare Empty

Thoroughfare JALAN DAGANG B 6 Identified no change

DoubleDependentLocality Empty

DependentLocality TAMAN DAGANG Identified no change

Locality AMPANG Identified no change

SubAdministrativeArea Empty

AdministrativeArea Empty

SuperAdministrativeArea Empty

PostalCode Empty

Country Malaysia

ISO2 MY ISO3 MYS

Unmatched

Processed Time 00:00:00.02

Shortcuts View All To Clipboard

Server Status: ssOK Process Status: psOK

Address 2 After

Loqate Demonstration UI v2.39.1.15377-0102a77

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

ID

Organization

Address

Locality

AdministrativeArea

PostalCode

Country

MatchScoreAbsoluteTI ☒ Parse ☐ Verify

ForceCountry ☐ Match ☐ Search

MaxResults ☐ Format ☒ Geocode ☐ Enhance

Clear Options Clear Input Clear Output Process

Output

Address 9 JALAN DAGANG B 6 SRI AMPANG MAS TAMAN DAGANG AMPANG

Latitude 3.149530

Longitude 101.755470

Accuracy P4

Distance 0.0

[Map This Location](#)

Address Quality Index E 1 Result Count 1

Address Verification Code U00-I44-P0-100

Organization Empty

SubBuilding Empty

Premise 9 Identified no change

Building Empty

PostBox Empty

DependentThoroughfare Empty

Thoroughfare JALAN DAGANG B 6 Identified no change

DoubleDependentLocality SRI AMPANG MAS Identified no change

DependentLocality TAMAN DAGANG Identified no change

Locality AMPANG Identified no change

SubAdministrativeArea Empty

AdministrativeArea Empty

SuperAdministrativeArea Empty

PostalCode Empty

Country Malaysia

ISO2 MY ISO3 MYS

Unmatched

Processed Time 00:00:00.00

Shortcuts View All To Clipboard

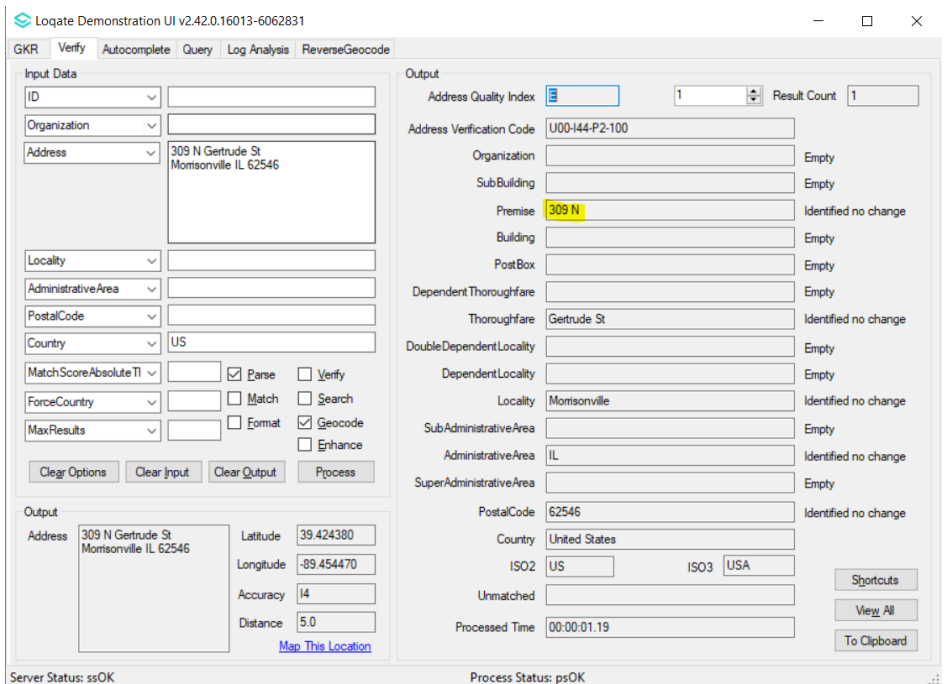
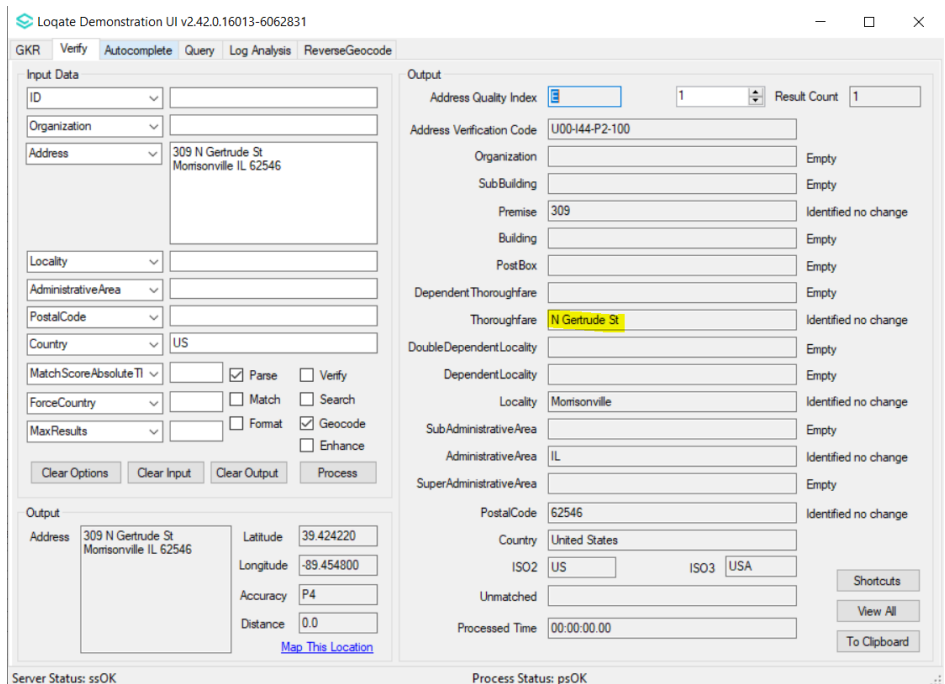
Server Status: ssOK Process Status: psOK

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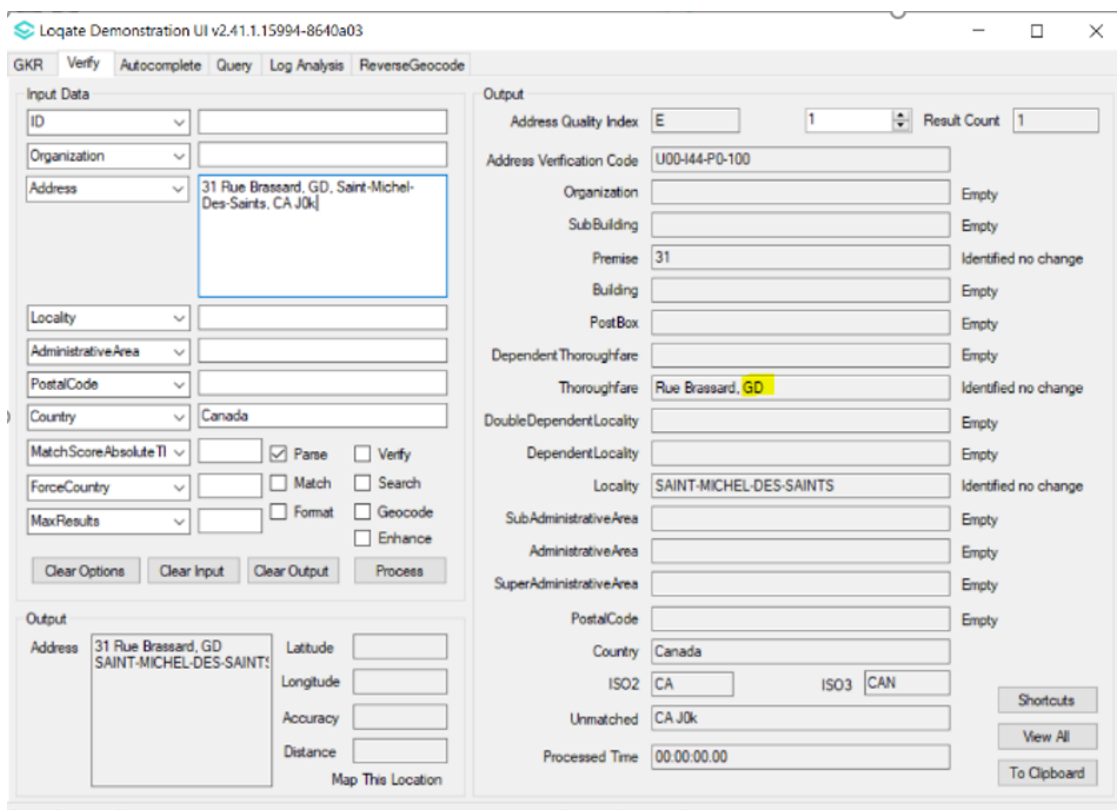
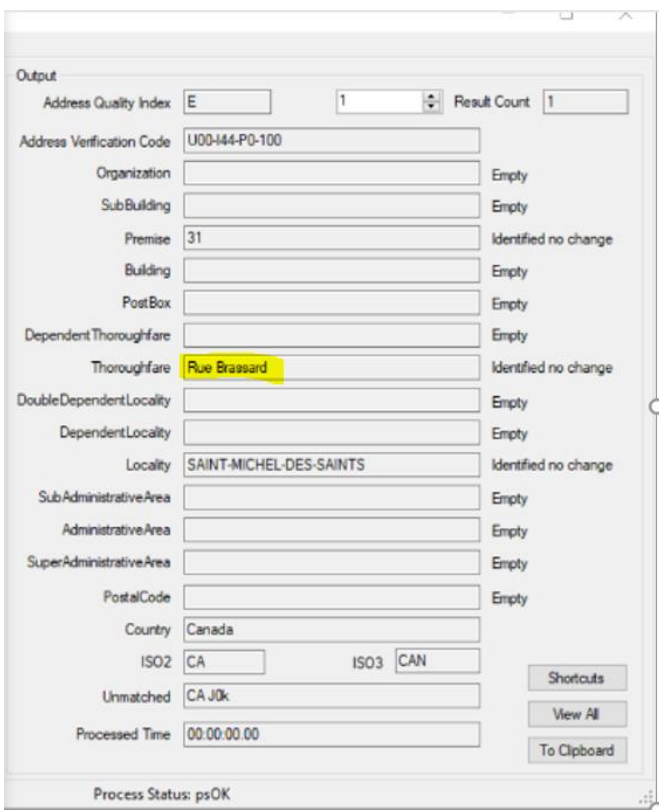
Case Number	Change Description	Category	Country	Example Address
CAS-62991-M4F7T7	'N' a thoroughfare pre-direction is now parsed to thoroughfare field. Previously parsed to premise field.	Data	USA	Address1: 309 N Gertrude St,Morrisonville IL 62546 Country: USA

Before Image	After Image
 Loqate Demonstration UI v2.42.0.16013-6062831 GKR Verify Autocomplete Query Log Analysis ReverseGeocode Input Data ID [] Organization [] Address [309 N Gertrude St Morrisonville IL 62546] Locality [] AdministrativeArea [] PostalCode [] Country [US] MatchScoreAbsoluteTI [] ☒ Parse ☐ Verify ☐ Match ☐ Search ☐ Format ☒ Geocode ☐ Enhance Clear Options Clear Input Clear Output Process Output Address [309 N Gertrude St Morrisonville IL 62546] Latitude [39.424380] Longitude [-89.454470] Accuracy [14] Distance [5.0] Map This Location Address Quality Index [5] Result Count [1] Address Verification Code [U00-I44-P2-100] Organization [] SubBuilding [] Premise [309 N] Identified no change Building [] PostBox [] Empty DependentThoroughfare [] Identified no change Thoroughfare [Gertrude St] DoubleDependentLocality [] Empty DependentLocality [] Empty Locality [Morrisonville] Identified no change SubAdministrativeArea [] Empty AdministrativeArea [IL] Identified no change SuperAdministrativeArea [] Empty PostalCode [62546] Identified no change Country [United States] ISO2 [US] ISO3 [USA] Unmatched [] Processed Time [00:00:01.19] Shortcuts View All To Clipboard Server Status: ssOK Process Status: psOK	 Loqate Demonstration UI v2.42.0.16013-6062831 GKR Verify Autocomplete Query Log Analysis ReverseGeocode Input Data ID [] Organization [] Address [309 N Gertrude St Morrisonville IL 62546] Locality [] AdministrativeArea [] PostalCode [] Country [US] MatchScoreAbsoluteTI [] ☒ Parse ☐ Verify ☐ Match ☐ Search ☐ Format ☒ Geocode ☐ Enhance Clear Options Clear Input Clear Output Process Output Address [309 N Gertrude St Morrisonville IL 62546] Latitude [39.424220] Longitude [-89.454800] Accuracy [P4] Distance [0.0] Map This Location Address Quality Index [5] Result Count [1] Address Verification Code [U00-I44-P2-100] Organization [] SubBuilding [] Premise [309] Identified no change Building [] PostBox [] Empty DependentThoroughfare [] Empty Thoroughfare [N Gertrude St] Identified no change DoubleDependentLocality [] Empty DependentLocality [] Empty Locality [Morrisonville] Identified no change SubAdministrativeArea [] Empty AdministrativeArea [IL] Identified no change SuperAdministrativeArea [] Empty PostalCode [62546] Identified no change Country [United States] ISO2 [US] ISO3 [USA] Unmatched [] Processed Time [00:00:00.00] Shortcuts View All To Clipboard Server Status: ssOK Process Status: psOK

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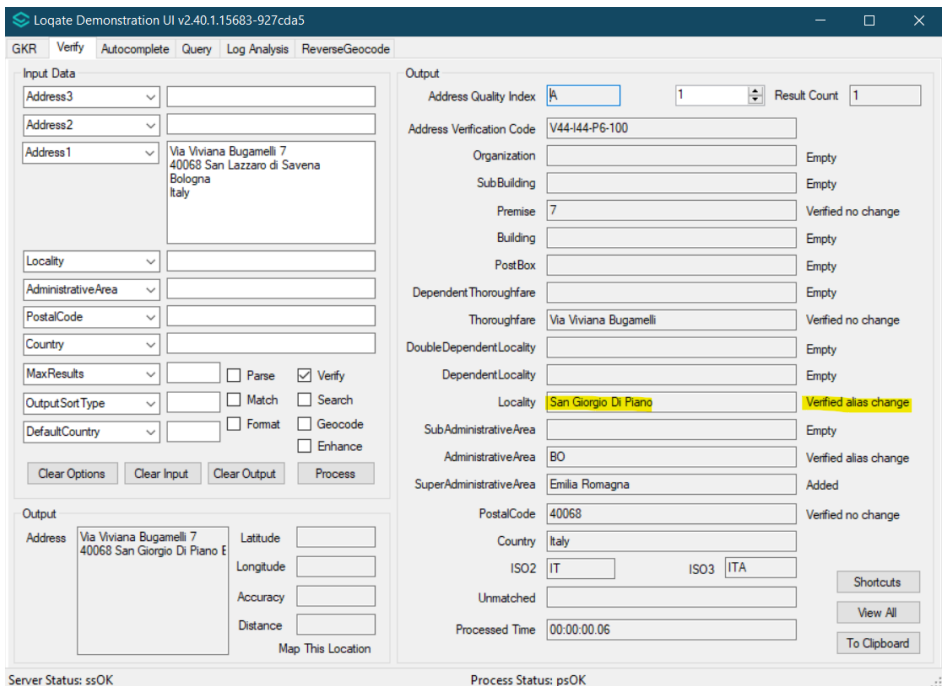
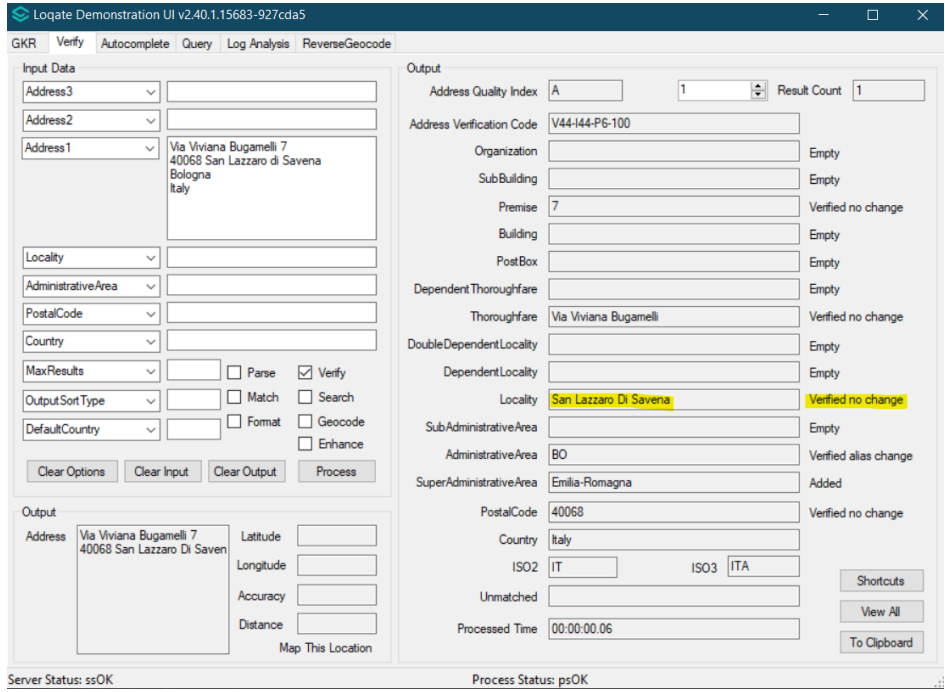


Case Number	Change Description	Category	Country	Example Address
CAS-63559-R1L0F2	GD is no longer parsed to thoroughfare field	Data	Canada	Address1: 631 Rue Brassard, GD, Saint-Michel-Des-Saints, CA J0k Country: Canada
Before Image			After Image	
				

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Case Number	Change Description	Category	Country	Example Address
CAS-66748-M9D2D3	Fix the mapping and the expected locality 'San Lazzaro di Savena' is returned correctly.	Data	Italy	Address1: Via Viviana Bugamelli 7 40068 San Lazzaro di Savena Bologna Italy
Before Image			After Image	
 Loqate Demonstration UI v2.40.1.15683-927cda5 Input Data: Address3, Address2, Address1 (Via Viviana Bugamelli 7, 40068 San Lazzaro di Savena, Bologna, Italy) Output: Address Quality Index (A), Address Verification Code (V44-I44-P6-100), Organization, SubBuilding, Premise (7), Building, PostBox, DependentThoroughfare, Thoroughfare (Via Viviana Bugamelli), DoubleDependentLocality, DependentLocality, Locality (San Giorgio Di Piano - Verified alias change), SubAdministrativeArea, AdministrativeArea (BO - Verified alias change), SuperAdministrativeArea (Emilia Romagna - Added), PostalCode (40068 - Verified no change), Country (Italy), ISO2 (IT), ISO3 (ITA), Unmatched, Processed Time (00:00:00.06) Server Status: ssOK, Process Status: psOK			 Loqate Demonstration UI v2.40.1.15683-927cda5 Input Data: Address3, Address2, Address1 (Via Viviana Bugamelli 7, 40068 San Lazzaro di Savena, Bologna, Italy) Output: Address Quality Index (A), Address Verification Code (V44-I44-P6-100), Organization, SubBuilding, Premise (7), Building, PostBox, DependentThoroughfare, Thoroughfare (Via Viviana Bugamelli), DoubleDependentLocality, DependentLocality, Locality (San Lazzaro Di Savena - Verified no change), SubAdministrativeArea, AdministrativeArea (BO - Verified alias change), SuperAdministrativeArea (Emilia-Romagna - Added), PostalCode (40068 - Verified no change), Country (Italy), ISO2 (IT), ISO3 (ITA), Unmatched, Processed Time (00:00:00.06) Server Status: ssOK, Process Status: psOK	

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Case Number	Change Description	Category	Country	Example Address
CAS-50122-D7N0Z0	SubBuilding able to be parsed correctly and overall address parsing is improved	Data	Italy	AddressLine1=Via Giuseppe Felici, 1, Scala E, Piano 4, Interno 7 City=Roma PostalCode=00144 Country=IT

Before Image

Loqate Demonstration UI v2.40.1.15683-927cda5

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

Address3

Address2

Address1

Locality

AdministrativeArea

PostalCode

Country

MaxResults ☐ Parse ☒ Verify

OutputSortType ☐ Match ☐ Search

DefaultCountry ☐ Format ☐ Geocode ☐ Enhance

Clear Options Clear Input Clear Output Process

Output

Address

Latitude

Longitude

Accuracy

Distance

Map This Location

Output

Address Quality Index 1 Result Count 1

Address Verification Code

Organization

SubBuilding

Premise

Building

PostBox

DependentThoroughfare

Thoroughfare

DoubleDependentLocality

DependentLocality

Locality Verified no change

SubAdministrativeArea

AdministrativeArea Added

SuperAdministrativeArea Added

PostalCode Unrecognized

Country

ISO2 ISO3

Unmatched

Processed Time

Shortcuts View All To Clipboard

Server Status: ssOK Process Status: psOK

After Image

Loqate Demonstration UI v2.40.1.15683-927cda5

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

Address3

Address2

Address1

Locality

AdministrativeArea

PostalCode

Country

MaxResults ☐ Parse ☒ Verify

OutputSortType ☐ Match ☐ Search

DefaultCountry ☐ Format ☐ Geocode ☐ Enhance

Clear Options Clear Input Clear Output Process

Output

Address

Latitude

Longitude

Accuracy

Distance

Map This Location

Output

Address Quality Index 1 Result Count 1

Address Verification Code

Organization

SubBuilding Identified no change

Premise Verified no change

Building

PostBox

DependentThoroughfare

Thoroughfare Verified no change

DoubleDependentLocality

DependentLocality

Locality Verified no change

SubAdministrativeArea

AdministrativeArea Added

SuperAdministrativeArea Added

PostalCode Verified no change

Country

ISO2 ISO3

Unmatched

Processed Time

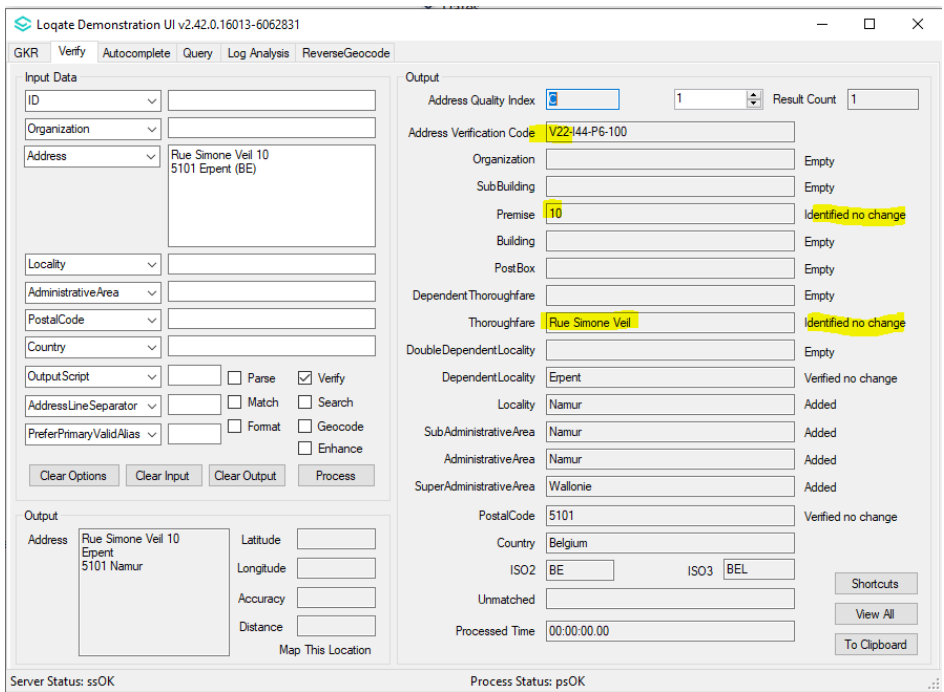
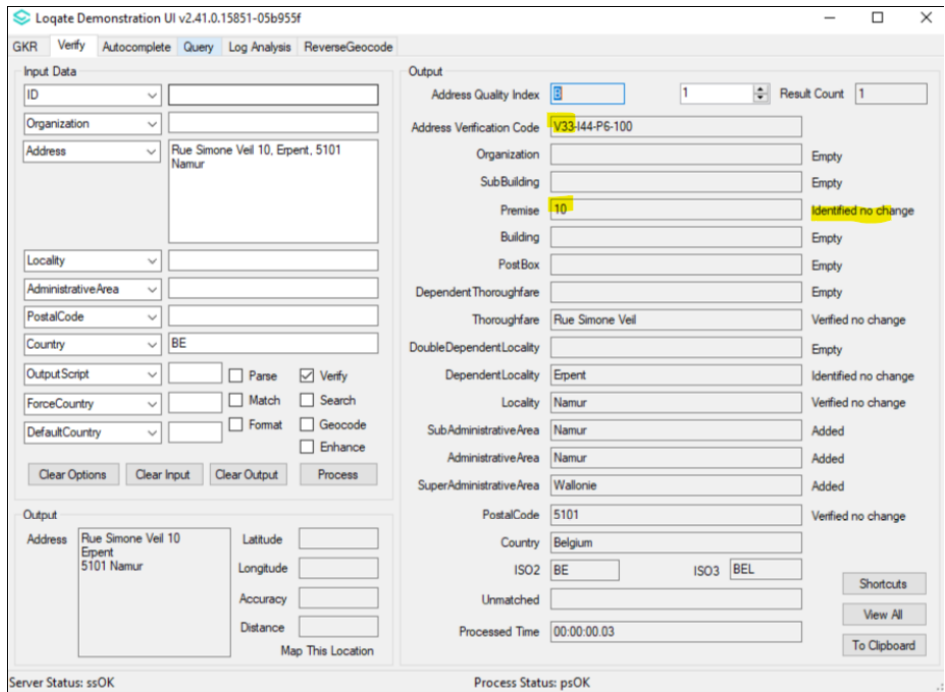
Shortcuts View All To Clipboard

Server Status: ssOK Process Status: psOK

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Case Number	Change Description	Category	Country	Example Address
CAS-10603-M0W0C5	Improvement in address verification	Data	Belgium	Address= Rue Simone Veil 10 5101 Erpent (BE)
Before Image			After Image	
				

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Release Notes – Geographic Hierarchy (Seed) Data

2022Q1.1 Minor Release

Overview

The following document identifies all improvements and changes made to the Seed data files for the Loqate 2022Q1.1 Minor Release.

Case Resolutions

The below section includes a summary of resolved cases in this release.

External issue ID	Country	Description
CAS-61061-W3R6K4	MX	Standardized Mexico state primary acronyms.
CAS-10679-C3B7P7	BE	Set official languages to valid, and sort them in desirable order (French first, followed by Dutch).
CAS-41322-T6W6Z6	LU	Removal of invalid postcode
CAS-41326-R3K6S7	SK	Bratislava 1-5 demoted from SubAdministrativeArea to Locality
CAS-02161-Z3C3R4	US	Removal of the Federated States of Micronesia (FM), Marshall Islands (MH) & Palau (PW) territories from US seed file.

File Changes

The table below indicates the count of changed rows between the previous and current release. There are no or nominal changes for all other country files.

Country	Count	Description
AU	5	Data refreshed. Postal codes and entries added.
BE	5279	Case Resolution (CAS-10679-C3B7P7) Country review: new source addition.

CA	465	Data refreshed. Postal codes and entries added.
GB	1011	Data refreshed. Postal codes and entries added.
IE	10572	Data refreshed. Removed obsolete postal codes.
IM	1	Data refreshed. Postal codes added.
JE	2	Data refreshed. Postal codes added.
MX	16	Case Resolution (CAS-61061-W3R6K4)
XK	43,738	New country added.

Geographic Structure Changes

The following table describe changes to the country structures document.

Dataset	Description
Kosovo (XK, XKV)	Adding New country <i>XK and XKV are provisional ISO 3166 country codes and may change in future.</i> AdministrativeArea --> Rajone SubAdminisitrativeArea --> Komuna Locality --> Vendbanimet

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