

Loqate, A GBG Solution

Release Notes – Verify API

2022Q1.0 Major Release

Case Resolutions

Please visit <https://support.loqate.com/2022q1-0-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 2022Q1.0 release we have made no major changes to the API there is one minor improvement.

Local API Improvements

Verify Improvements

- This fix adds an enhancement to the RefLex tool by adding a feature allowing mismatch of thoroughfare for a condition accepting a mismatch with at least 80% match score for fault tolerance.

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2021Q4.1 (Before Change)

Logate Demonstration UI v2.41.1.15994-8543a03 DEBUG

Input Data

ID:

Organization:

Address:

Locality:

Administrative Area:

Postal Code:

Country:

Output Script: ☐ Force ☒ Verify

Force Country: ☐ Match ☐ Search

Default Country: ☐ Format ☐ Geocode ☐ Enhance

Clear Options Clear Input Clear Output Process

Output

Address:

Latitude:

Longitude:

Accuracy:

Distance:

Map This Location

Server Status: ssOK Process Status: psOK

Output

Address Quality Index: Result Count:

Address Verification Code:

Organization:

Sub Building:

Premise: Verified no change

Building:

Post Box:

Dependent Thoroughfare:

Thoroughfare: Verified large change

Double Dependent Locality:

Dependent Locality:

Locality: Verified no change

Sub Administrative Area: Added

Administrative Area: Verified no change

Super Administrative Area:

Postal Code: Verified small change

Country:

ISO2: ISO3:

Unmatched:

Processed Time:

Shortcuts View All To Clipboard

2021Q4.1: Input Thoroughfare "Dunham Ridge Rd" the engine produces

Output Thoroughfare as "Old Dunham Rd"

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2022Q1.0 (After Change)

The screenshot displays the Logate Demonstration UI with the following details:

- Input Data:**
 - ID: [Empty]
 - Organization: [Empty]
 - Address: 42 DUNHAM RIDGE RD
 - Locality: BEVERLY
 - AdministrativeArea: MA
 - PostalCode: 01915
 - Country: US
 - Output Script: [Empty] ☐ Parse ☒ Verify
 - ForceCountry: [Empty] ☐ Match ☐ Search
 - DefaultCountry: [Empty] ☐ Format ☐ Enhance
- Buttons:** Clear Options, Clear Input, Clear Output, Process
- Output (Left):**
 - Address: 42 Dunham Rd, Beverly MA 01915-1844
 - Latitude: [Empty]
 - Longitude: [Empty]
 - Accuracy: [Empty]
 - Distance: [Empty]
 - Map This Location
- Output (Right):**
 - Address Quality Index: C, 1, Result Count: 1
 - Address Verification Code: V42-144-P7-093
 - Organization: Empty
 - SubBuilding: Empty
 - Premise: 42, Verified no change
 - Building: Empty
 - PostBox: Empty
 - DependentThoroughfare: Empty
 - Thoroughfare: Dunham Rd, Verified large change
 - DoubleDependentLocality: Empty
 - DependentLocality: Empty
 - Locality: Beverly, Verified no change
 - SubAdministrativeArea: Essex, Added
 - AdministrativeArea: MA, Verified no change
 - SuperAdministrativeArea: Empty
 - PostalCode: 01915-1844, Verified small change
 - Country: United States
 - ISO2: US, ISO3: USA
 - Unmatched: [Empty]
 - Processed Time: 00:00:00.19
- Buttons (Right):** Shortcuts, View All, To Clipboard
- Status:** Server Status: ssOK, Process Status: psOK

2022Q1.0: Input Thoroughfare "Dunham Ridge Rd" the engine produces

Output Thoroughfare as "Dunham Rd" which is a preferred match

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 Logate 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 LogateSupport@gbgplc.com.

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Loqate, A GBG Solution

Release Notes – Data Updates

2022Q1.0 Major Release

Case Resolutions

Please visit <https://support.loqate.com/2022q1-0-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	2021-10-14	2022-03-31
CASS Data	2022-01-15	2022-04-30

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.

BPDH/PDH Countries

Country	ISO2	Description
Italy	IT	Country Review (New source replacement)
Latvia	LV	PDH
Taiwan	TW	Country Review (New source addition)
Puerto Rico	PR	PDH

Other major changes to highlight:

Country	Description
Venezuela	Country Name changed
Australia	Lot information addition
Chile	AdministrativeArea name changed

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BPDH/PDH Countries Details

Italy

Country Information	Description
ISO2	IT
ISO3	ITA
Address Format	Default: Organization PostBox Building SubBuilding Thoroughfare Premise DependentThoroughfare DoubleDependentLocality DependentLocality PostalCode Locality AdministrativeArea Conditional address format: (I) If SubBuildingNumber present in the absence of Building & SubBuildingType Organization PostBox Thoroughfare Premise SubBuilding DependentThoroughfare DoubleDependentLocality DependentLocality PostalCode Locality AdministrativeArea (II) If Locality absent Organization PostBox

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	Building SubBuilding Thoroughfare Premise DependentThoroughfare DoubleDependentLocality DependentLocality PostalCode SubAdministrativeArea AdministrativeArea	
PDH	YES	
PDH completed date	2019Q3.0	
New Source	YES	
	Pre-PDH	Post-PDH
Reference Data	rd_IT_ggg.lfs rd_IT_ggg_r.lfs rd_IT_ggg_r1.lfs rd_IT_ggg_rg.lfs rd_IT_vfy_ai.lfs rd_IT_vfy.lfs	rd_IT_ggg.lfs rd_IT_ggg_r.lfs rd_IT_ggg_r1.lfs rd_IT_ggg_rg.lfs rd_IT_vfy_ai.lfs rd_IT_vfy.lfs

2021Q4.1

Thoroughfare and Premise unable to be correctly parsed and verified.

2022Q1.0

Thoroughfare and Premise now correctly parsed and verified.

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Thoroughfare incorrectly parsed to DependentLocality and causing Thoroughfare and Premise to be incorrectly parsed as well.

The screenshot shows the Logate Demonstration UI. In the 'Input Data' section, 'Address1' is '154, Via S. Pietro'. In the 'Output' section, 'Thoroughfare' is '154 Via' (highlighted in yellow), 'DependentLocality' is 'S. Pietro' (highlighted in yellow), and 'Locality' is 'Masone'. The 'Address Verification Code' is 'V22-033-P6-100'. The 'Output' section also shows 'Address' as '154 Via S. Pietro 16010 Masone GE'.

Thoroughfare and Premise are now correctly parsed and verified.

The screenshot shows the Logate Demonstration UI. In the 'Input Data' section, 'Address1' is '154, Via S. Pietro'. In the 'Output' section, 'Thoroughfare' is 'Via San Pietro' (highlighted in yellow), 'Premise' is '154' (highlighted in yellow), and 'Locality' is 'Masone'. The 'Address Verification Code' is 'V44-444-P6-100'. The 'Output' section also shows 'Address' as 'Via San Pietro 154 16010 Masone GE'.

Latvia

Country Information		Description
ISO2		LV
ISO3		LVA
Address Format		Organization PostBox Building Thoroughfare Premise SubBuilding DependentThoroughfare DoubleDependentLocality DependentLocality Locality, PostalCode
PDH		YES
PDH completed date		2022Q1.0
New Source		NO
Pre-PDH		Post-PDH

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Reference Data	rd_LV_ggg.lfs rd_LV_ggg_rg.lfs rd_LV_vfy_ai.lfs rd_LV_vfy.lfs	rd_LV_ggg.lfs rd_LV_ggg_rg.lfs rd_LV_vfy_ai.lfs rd_LV_vfy.lfs
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Major municipal reformation has been happening in Latvia for years, and it reduces from 119 municipalities to 42 municipalities after the 2021 municipal elections. Reference site: <https://www.saeima.lv/en/news/saeima-news/29027-saeima-adopts-administrative-territorial-reform>

2021Q4.1	2022Q1.0
The AdministrativeArea returned represents the old municipality.	The AdministrativeArea returned represents the new municipality.

Taiwan

Country Information	Description
ISO2	TW
ISO3	TWN
Address Format	Organization PostBox SubBuilding Building

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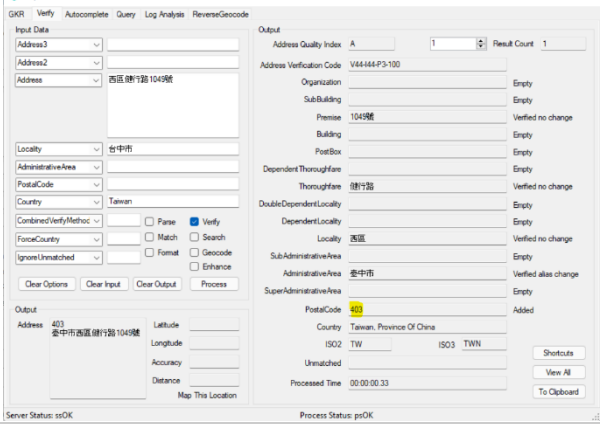
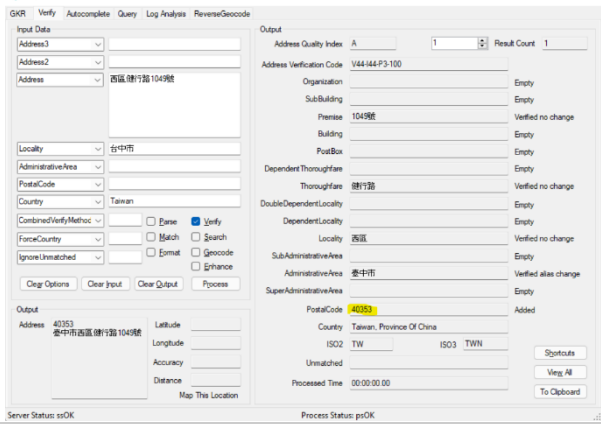
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	Premise DoubleDependentLocality DependentLocality PostalCode Locality	DependentThoroughfare Thoroughfare
PDH	YES	
PDH completed date	2021Q4.0	
New Source	YES	
	Pre-PDH	Post-PDH
Reference Data	rd_TW_ggg.lfs rd_TW_ggg_rg.lfs rd_TW_ggg_r.lfs rd_TW_vfy_ai.lfs rd_TW_vfy.lfs	rd_TW_ggg.lfs rd_TW_ggg_rg.lfs rd_TW_ggg_r.lfs rd_TW_vfy_ai.lfs rd_TW_vfy.lfs

New source has been added into existing reference data to improve current Taiwan postcode – five-digits postcode, which previously Loqate only provided the first three-digit postcodes.

2021Q4.1	2022Q1.0
First 3-digits postcode returned. 	5-digits postcode are returned. 
Premise is not verified.	Premise is now verified.

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Puerto Rico

Country Information	Description	
ISO2	PR	
ISO3	PRI	
Address Format	Organization PostBox Building Premise Thoroughfare SubBuilding SubBuildingFloor DependentThoroughfare DoubleDependentLocality DependentLocality Locality PostalCode	
PDH	Yes	
PDH Completed Date	2022Q1.0	
New Source	No	
	Pre-PDH	Post-PDH
Reference Data	rd_PR_geo.lfs rd_PR_geop.lfs rd_PR_geop_rg.lfs rd_PR_geo_rg.lfs rd_PR_vfy_ai.lfs rd_PR_vfy.lfs	rd_PR_ggg.lfs rd_PR_ggg_rg.lfs rd_PR_vfy_ai.lfs rd_PR_vfy.lfs

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2021Q4.1

DependentLocality incorrectly parsed to Thoroughfare and causing Thoroughfare and Premise to be incorrectly parsed as well.

Logate Demonstration UI v2.41.1.15994-8640a03

Input Data

ID: [Empty]

Organization: [Empty]

Address1: 1000 San Roberto St Reparto Loyola

Locality: Rio Piedras

AdministrativeArea: [NO SELECTION NECESSARY]

PostalCode: 00901

Country: Puerto Rico

Output Script: [Empty] ☐ Done ☒ Verify

MapResults: [Empty] ☐ Match ☒ Search

StrictReferenceMatch: [Empty] ☐ Format ☒ Geocode ☐ Enhance

Clear Options Clear Input Clear Output Process

Output

Address: San Roberto St Reparto Loyola 1000 Vapo San Juan 00901

Latitude: 18.464707

Longitude: -66.111719

Accuracy: A2

Distance: 4338.5

Process Time: 00:00:00.82

Server Status: v2OK Process Status: psOK

2022Q1.0

DependentLocality, Thoroughfare, and Premise are now correctly parsed and verified.

Logate Demonstration UI v2.41.1.15994-8640a03

Input Data

ID: [Empty]

Organization: [Empty]

Address1: 1000 San Roberto St Reparto Loyola

Locality: Rio Piedras

AdministrativeArea: [NO SELECTION NECESSARY]

PostalCode: 00901

Country: Puerto Rico

Output Script: [Empty] ☐ Done ☒ Verify

MapResults: [Empty] ☐ Match ☒ Search

StrictReferenceMatch: [Empty] ☐ Format ☒ Geocode ☐ Enhance

Clear Options Clear Input Clear Output Process

Output

Address: 1000 Calle San Roberto Reparto Loyola 1000 Vapo San Juan 00901

Latitude: 18.464707

Longitude: -66.111719

Accuracy: A2

Distance: 4338.5

Process Time: 00:00:00.82

Server Status: v2OK Process Status: psOK

Premise Type - 'Box' incorrectly parsed and verified as PostBox

Logate Demonstration UI v2.41.1.15994-8640a03

Input Data

ID: [Empty]

Organization: [Empty]

Address1: HC 01 BOX 16629

Locality: HUMACAO

AdministrativeArea: [NO SELECTION NECESSARY]

PostalCode: 971

Country: Puerto Rico

Output Script: [Empty] ☐ Done ☒ Verify

MapResults: [Empty] ☐ Match ☒ Search

StrictReferenceMatch: [Empty] ☐ Format ☒ Geocode ☐ Enhance

Clear Options Clear Input Clear Output Process

Output

Address: PO Box 16629 01 Humacao 00791

Latitude: 18.135441

Longitude: -65.820187

Accuracy: A2

Distance: 14192.7

Process Time: 00:00:00.33

Server Status: v2OK Process Status: psOK

Premise with prefix unable to be correctly parsed and verified.

Thoroughfare and Premise are now correctly parsed and verified.

Logate Demonstration UI v2.41.1.15994-8640a03

Input Data

ID: [Empty]

Organization: [Empty]

Address1: HC 01 BOX 16629

Locality: HUMACAO

AdministrativeArea: [NO SELECTION NECESSARY]

PostalCode: 971

Country: Puerto Rico

Output Script: [Empty] ☐ Done ☒ Verify

MapResults: [Empty] ☐ Match ☒ Search

StrictReferenceMatch: [Empty] ☐ Format ☒ Geocode ☐ Enhance

Clear Options Clear Input Clear Output Process

Output

Address: Box 16629 Hc 1 Humacao 00791-9000

Latitude: 18.135441

Longitude: -65.820187

Accuracy: A2

Distance: 14192.7

Process Time: 00:00:00.51

Server Status: v2OK Process Status: psOK

Thoroughfare and Premise are now correctly parsed and verified.

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Logate Demonstration UI v2.41.1.15994-6640a03

GKR
Verify
Autocomplete
Query
Log Analysis
ReverseGeocode

Input Data

ID

Organization

Address1
Calle 7 Cj-10

Locality
Baroa

AdministrativeArea
PR

PostalCode
00725

Country
PR

OutputScript

☐ Parse
☒ Verify

MaxResults

☐ Match
☐ Search

StrictReferenceMatch

☐ Exact
☒ Geocode
☐ Enhance

Clear Options
Clear Input
Clear Output
Process

Output

Address
10 Calle 7 Callejon
Caguas 00725

Latitude
18.234533

Longitude
-66.039295

Accuracy
A2

Distance
14744.4

Map This Location

Address Quality Index
8

1

Result Count
1

Address Verification Code
P22144 P6-072

Organization

SubBuilding

Premise
10

Building

PostBox

DoubleDependentLocality

DependentThoroughfare

Thoroughfare
Calle 7 Callejon

DependentLocality

Locality
Caguas

SubAdministrativeArea
Caguas

AdministrativeArea
PR

SuperAdministrativeArea

PostalCode
00725

Country
Puerto Rico

ISO2
PR

ISO3
PRI

Unmatched

Processed Time
00:00:00.04

Shortcuts

View All

To Clipboard

Server Status: ssOK
Process Status: prOK

Logate Demonstration UI v2.41.1.15994-6640a03

GKR
Verify
Autocomplete
Query
Log Analysis
ReverseGeocode

Input Data

ID

Organization

Address1
Calle 7 Cj-10

Locality
Baroa

AdministrativeArea
PR

PostalCode
00725

Country
PR

OutputScript

☐ Parse
☒ Verify

MaxResults

☐ Match
☐ Search

StrictReferenceMatch

☐ Exact
☒ Geocode
☐ Enhance

Clear Options
Clear Input
Clear Output
Process

Output

Address
10 Calle 7 Callejon
Caguas 00725

Latitude
18.234533

Longitude
-66.039295

Accuracy
A2

Distance
14744.4

Map This Location

Address Quality Index
8

1

Result Count
1

Address Verification Code
V44144 P7-094

Organization

SubBuilding

Premise
10

Building

PostBox

DoubleDependentLocality

DependentThoroughfare

Thoroughfare
Calle 7

DependentLocality
Res Baroa

Locality
Caguas

SubAdministrativeArea
Caguas

AdministrativeArea
PR

SuperAdministrativeArea

PostalCode
00725-1419

Country
Puerto Rico

ISO2
PR

ISO3
PRI

Unmatched

Processed Time
00:00:00.10

Shortcuts

View All

To Clipboard

Server Status: ssOK
Process Status: prOK

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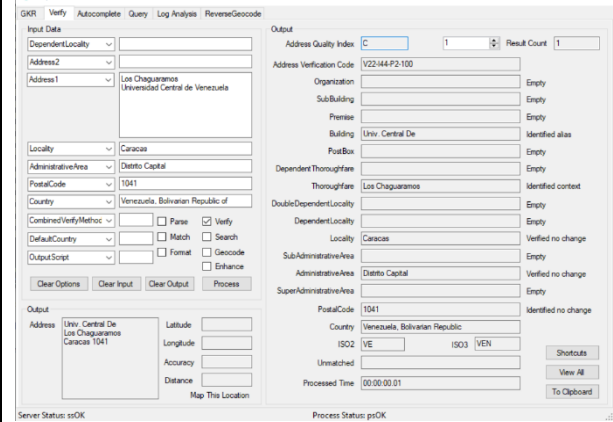
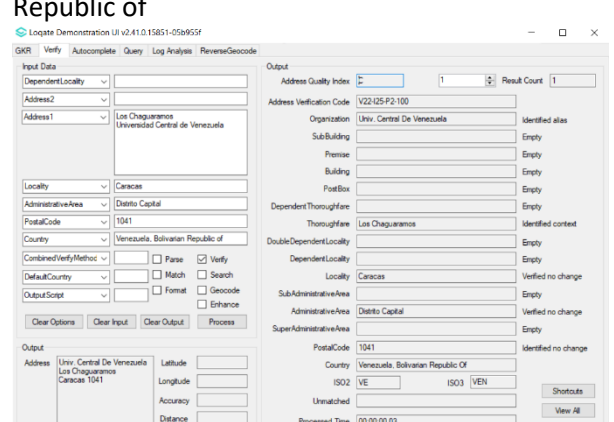
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OTHER MAJOR HIGHLIGHTS

Venezuela

Venezuela country name is updated from *Venezuela, Bolivarian Republic* to *Venezuela, Bolivarian Republic of*.

2021Q4.1	2022Q1.0
Country name was Venezuela, Bolivarian Republic	Country name is now Venezuela, Bolivarian Republic of
	

Australia

Lot number is allocated to a property, recorded by the appropriate government department, during the sub-division of a particular parcel of land. The Lot number should be used in the address prior to the formal allocation of street numbers.

2021Q4.1	2022Q1.0
Lot Number is unverified.	Lot Number is verified now.

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Logate Demonstration UI v2.41.1.15994-864a03

GKR

Verify

Autocomplete

Query

Log Analysis

ReverseGeocode

Input Data

Address3

Address2

Address1

LOT 6 BARFIELD RD, BANANA QLD 4702

Locality

AdministrativeArea

PostalCode

Country

CombinedVerifyMethod

ForceCountry

DefaultCountry

☐ Parse
☒ Match
☐ Search

☐ Format
☒ Geocode
☐ Enhance

Clear Options

Clear Input

Clear Output

Process

Output

Address

Lot 6 Barfield Rd

BANANA QLD 4702

Latitude

Longitude

Accuracy

Distance

-24.434405

150.160161

A3

9443.1

Map This Location

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

B

P13144-P6-100

Lot 6

Barfield Rd

BANANA

QLD

4702

Australia

AU

AUS

00:00:00:28

Result Count

1

Shortcuts

View All

To Clipboard

Server Status: ssOK

Process Status: psOK

Logate Demonstration UI v2.41.1.15994-864a03

GKR

Verify

Autocomplete

Query

Log Analysis

ReverseGeocode

Input Data

Address3

Address2

Address1

LOT 6 BARFIELD RD, BANANA QLD 4702

Locality

AdministrativeArea

PostalCode

Country

CombinedVerifyMethod

ForceCountry

DefaultCountry

☐ Parse
☒ Match
☐ Search

☐ Format
☒ Geocode
☐ Enhance

Clear Options

Clear Input

Clear Output

Process

Output

Address

Lot 6 Barfield Rd

BANANA QLD 4702

Latitude

Longitude

Accuracy

Distance

-24.436298

150.166542

A3

9623.4

Map This Location

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

A

P1444-P6-100

Lot 6

Barfield Rd

BANANA

QLD

4702

Australia

AU

AUS

00:00:00:30

Result Count

1

Shortcuts

View All

To Clipboard

Server Status: ssOK

Process Status: psOK

Chile

Update of Administrative Area names in accordance with postal authority standard.

2021Q4.1	2021Q1.0
Administrative Area name was “La Araucania”.	Administrative Area name corrected to “Araucania”.

Logate Demonstration UI v2.41.0.15851-03b955f

GKR

Verify

Autocomplete

Query

Log Analysis

ReverseGeocode

Input Data

DependentLocality

Address2

Address1

01145

Locality

AdministrativeArea

PostalCode

Country

CombinedVerifyMethod

DefaultCountry

OutputScript

☐ Parse
☒ Match
☐ Search

☐ Format
☒ Geocode
☐ Enhance

Clear Options

Clear Input

Clear Output

Process

Output

Address

Temuco 01145

4811230

La Araucania

Latitude

Longitude

Accuracy

Distance

Map This Location

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

E

P11-024-P2-100

01145

Temuco

Cautín

La Araucania

4811230

Chile

CL

CHL

00:00:00:01

Result Count

1

Shortcuts

View All

To Clipboard

Server Status: ssOK

Process Status: psOK

Logate Demonstration UI v2.41.0.15851-03b955f

GKR

Verify

Autocomplete

Query

Log Analysis

ReverseGeocode

Input Data

DependentLocality

Address2

Address1

01145

Locality

AdministrativeArea

PostalCode

Country

CombinedVerifyMethod

DefaultCountry

OutputScript

☐ Parse
☒ Match
☐ Search

☐ Format
☒ Geocode
☐ Enhance

Clear Options

Clear Input

Clear Output

Process

Output

Address

Temuco 01145

4811230

Araucania

Latitude

Longitude

Accuracy

Distance

Map This Location

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

E

P11-024-P2-100

01145

Temuco

Cautín

Araucania

4811230

Chile

CL

CHL

00:00:00:03

Result Count

1

Shortcuts

View All

To Clipboard

Server Status: ssOK

Process Status: psOK

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Case Resolutions

2022Q1.0 Data related Case Fixes

Case Number	Change Description	Category	Country	Example Address
CAS-37013-C2X1W0	Loqate support 5-digit postcodes for Taiwan	Data	TWN	address1: ???145? 6? Locality: ??? AdministrativeArea: Taipei City PostCode: 11494 Country: Taiwan
Before Image/Behaviour			After Image/Behaviour	

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Loqate Demonstration UI v2.41.1.15994-8640a03

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

Address3

Address2

Address1

Locality

AdministrativeArea

PostalCode

Country

OutputScript

ForceCountry

DefaultCountry

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

Clear Options Clear Input Clear Output Process

Output

Address Quality Index C 1 Result Count 1

Address Verification Code V44-I55-P4-092

Organization

Sub-Building

Premise

Building

PostBox

DependentThoroughfare

Thoroughfare

DoubleDependentLocality

DependentLocality

Locality

SubAdministrativeArea

AdministrativeArea

SuperAdministrativeArea

PostalCode

Country

ISO2 TW ISO3 TWN

Unmatched

Processed Time 00:00:00.50

Shortcuts View All To Clipboard

Output

Address 114 臺北市內政部區新埔一路145 Latitude 25.058780 Longitude 121.576930 Accuracy P4 Distance 0.0 Map This Location

Server Status: ssOK Process Status: psOK

Loqate Demonstration UI v2.41.1.15994-8640a03

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

Address3

Address2

Address1

Locality

AdministrativeArea

PostalCode

Country

OutputScript

ForceCountry

DefaultCountry

☐ Parse ☒ Verify ☐ Match ☐ Search ☐ Format ☒ 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

Sub-Building

Premise

Building

PostBox

DependentThoroughfare

Thoroughfare

DoubleDependentLocality

DependentLocality

Locality

SubAdministrativeArea

AdministrativeArea

SuperAdministrativeArea

PostalCode

Country

ISO2 TW ISO3 TWN

Unmatched

Processed Time 00:00:00.57

Shortcuts View All To Clipboard

Output

Address 11494 臺北市內政部區新埔一路145 Latitude 25.058875 Longitude 121.576009 Accuracy I4 Distance 5.0 Map This Location

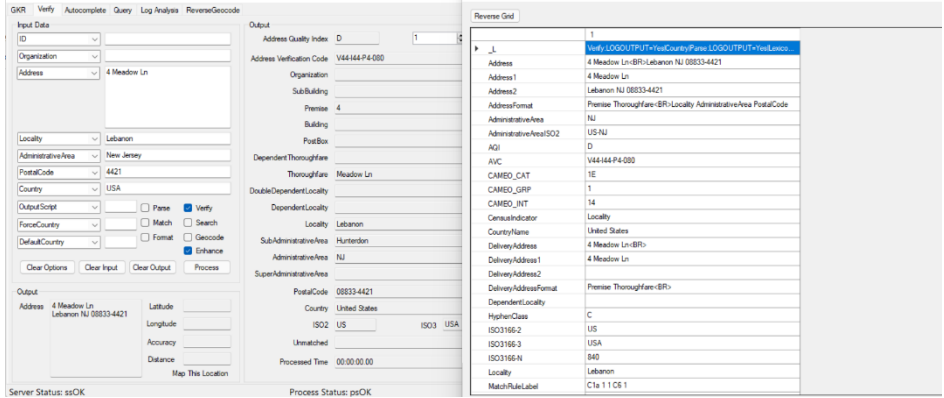
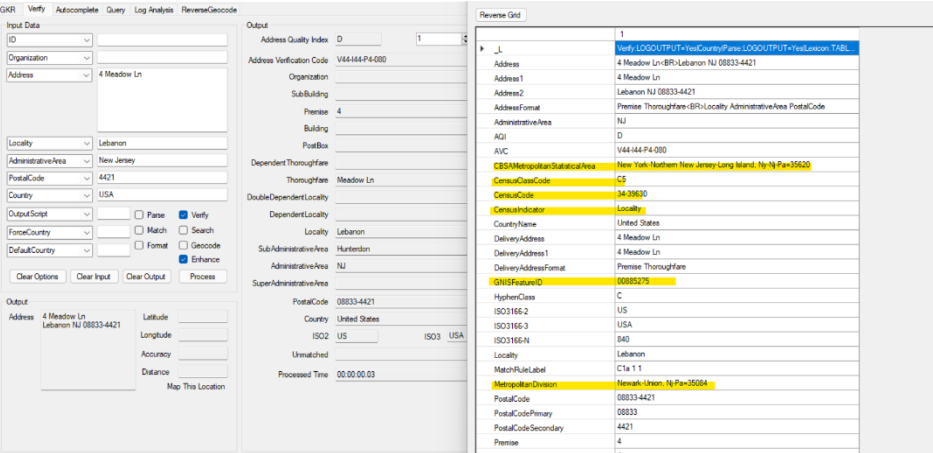
Server Status: ssOK Process Status: psOK

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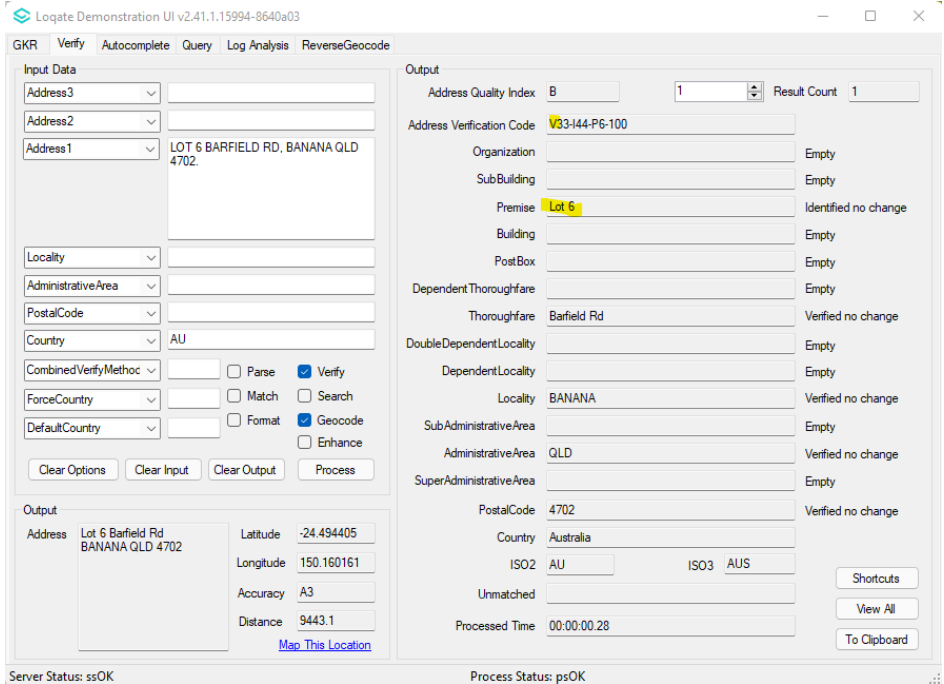
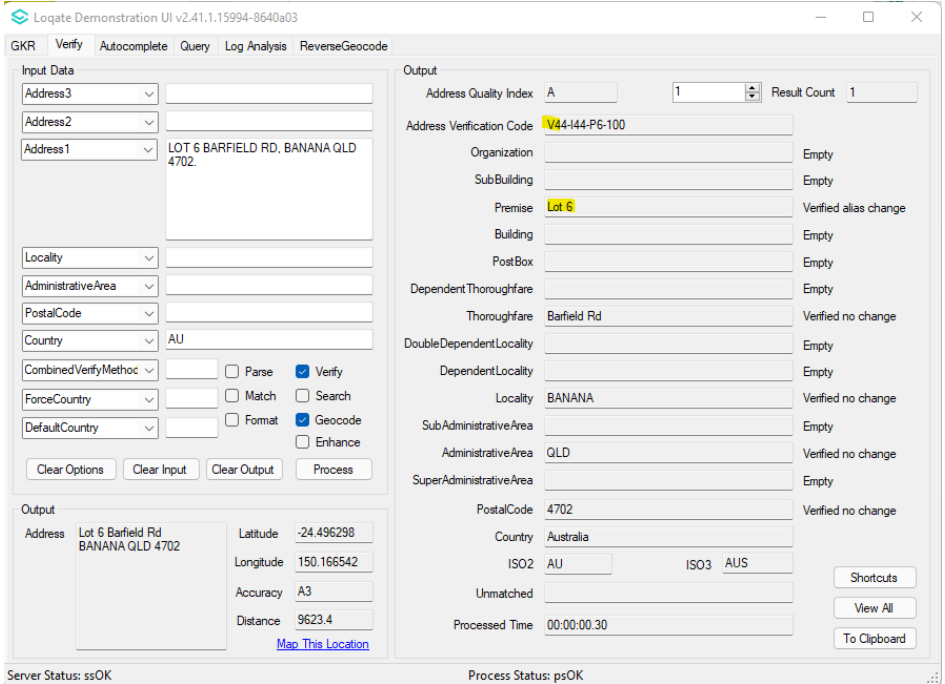
Case Number	Change Description	Category	Country	Example Address
CAS-53585-C3H6W4	Loqate to return census data match for Lebanon (New Jersey) addresses.	Data	USA	"pcde": "4421", "admn": "New Jersey", "add1": "4 Meadow Ln", "lcty": "Lebanon", "ctry": "United States"
Before Image/Behaviour		After Image/Behaviour		
				

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Case Number	Change Description	Category	Country	Example Address
CAS-61942-X8Z9R6	Lot number information addition	Data	AUS	Address: LOT 6 BARFIELD RD, BANANA QLD 4702., AU
Before Image/Behaviour			After Image/Behaviour	
				

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Case Number	Change Description	Category	Country	Example Address
CAS-60866-D0F9K3	Mapped FR-GP and GP to Guadeloupe	Data	FRA	(1) Address1: Annexe Mutuelle Mare-Gail Locality: Sainte-Rose AdministrativeArea: FR-GP PostalCode: 97115 Country: France (2) Address1: Annexe Mutuelle Mare-GailLocality: Sainte-Rose AdministrativeArea: GP PostalCode: 97115 Country: France

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

ForceCountry ☐ Match ☐ Search

DefaultCountry ☐ Format ☐ Geocode ☐ Enhance

Clear Options Clear Input Clear Output Process

Output

Address

Latitude

Longitude

Accuracy

Distance

Address Quality Index Result Count 1

Address Verification Code P22-U22-P0-000

Organization

Sub-Building

Premise

Building

PostBox

DependentThoroughfare

Thoroughfare

DoubleDependentLocality

DependentLocality

Locality Verified no change

Sub-AdministrativeArea

AdministrativeArea Verified large change

SuperAdministrativeArea

PostalCode Unrecognized

Country

ISO2 ISO3

Unmatched

Processed Time 00:00:00.05

Shortcuts View All

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

ForceCountry ☐ Match ☐ Search

DefaultCountry ☐ Format ☐ Geocode ☐ Enhance

Clear Options Clear Input Clear Output Process

Output

Address

Latitude

Longitude

Accuracy

Distance

Address Quality Index Result Count 1

Address Verification Code P22-I22-P6-100

Organization Identified alias

Sub-Building

Premise

Building

PostBox

DependentThoroughfare

Thoroughfare

DoubleDependentLocality

DependentLocality

Locality Verified no change

Sub-AdministrativeArea

AdministrativeArea Verified alias change

SuperAdministrativeArea

PostalCode Verified no change

Country

ISO2 ISO3

Unmatched

Processed Time 00:00:00.01

Shortcuts View All

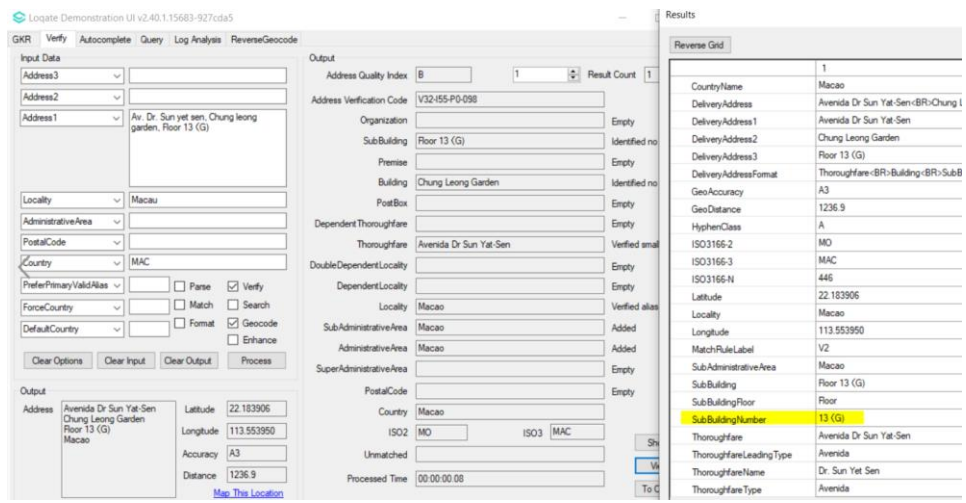
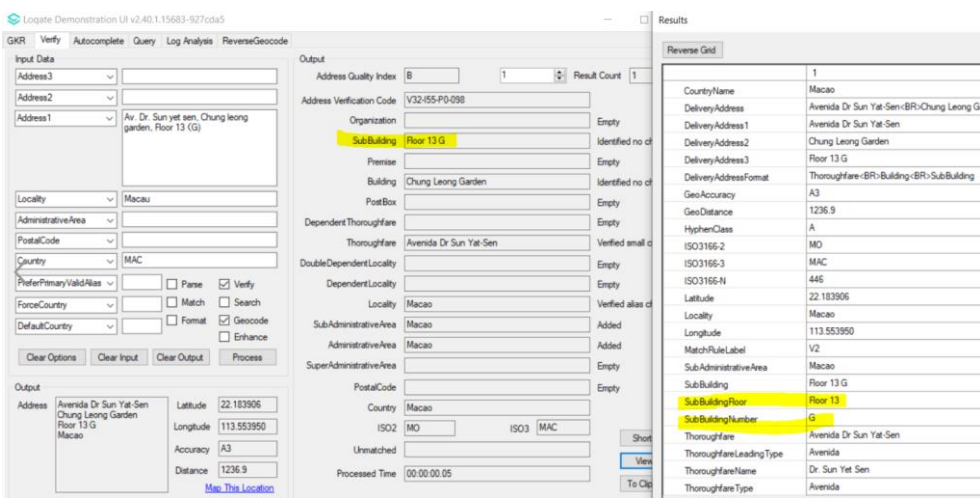
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Case Number	Change Description	Category	Country	Example Address
CAS-49069-M3N8F7	Improve SubBuilding and Premise parsing	Data	MAC	Address1: Av. Dr. Sun yet sen, Chung leong garden, Floor 13 (G) Locality: Macau Country: MAC Address1: ROOM 702 Address2: AIA TOWER Address3: 251A-301 AVENIDA COMMERCIAL DE MACAU Country: MAC

Before Image/Behaviour	After Image/Behaviour
 The screenshot shows the Logate UI before changes. The 'Input Data' section has 'Address1' set to 'Av. Dr. Sun yet sen, Chung leong garden, Floor 13 (G)'. The 'Output' section shows 'SubBuilding' as empty. The 'Reverse Grid' table lists 'SubBuildingNumber' as '13 (G)'.	 The screenshot shows the Logate UI after changes. The 'Input Data' section has 'Address1' set to 'Av. Dr. Sun yet sen, Chung leong garden, Floor 13 (G)'. The 'Output' section shows 'SubBuilding' highlighted in yellow. The 'Reverse Grid' table lists 'SubBuildingNumber' as 'G'.

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Before Image/Behaviour

Loqate Demonstration UI v2.40.1.15683-927cda5

GKR

Verify

Autocomplete

Query

Log Analysis

ReverseGeocode

Input Data

Address3

251A-301 AVENIDA COMMERCIAL DE

Address2

AIA TOWER

Address1

ROOM 702

Locality

AdministrativeArea

PostalCode

Country

MAC

PreferPrimaryValidAlias

Parse

Verify

ForceCountry

Match

Search

DefaultCountry

Format

Geocode

Enhance

Clear Options

Clear Input

Clear Output

Process

Output

Address

Avenida Commercial De Mac

Aia Tower 251

Room 702

Sé

Macao

Latitude

22.189067

Longitude

113.542157

Accuracy

P3

Distance

87.7

Output

Address Quality Index

3

1

Result Count

1

Address Verification Code

V32-I55-P0-091

Organization

Empty

SubBuilding

Room 702

Identified no change

Premise

A-301

Identified no change

Building

Aia Tower 251

Identified no change

PostBox

Empty

Dependent Thoroughfare

Empty

Thoroughfare

Avenida Commercial De Macau

Verified small change

DoubleDependentLocality

Empty

DependentLocality

Sé

Added

Locality

Macao

Verified alias change

SubAdministrativeArea

Macao

Added

AdministrativeArea

Macao

Added

SuperAdministrativeArea

Empty

PostalCode

Empty

Country

Macao

ISO2

MO

ISO3

MAC

Unmatched

Processed Time

00:00:00.05

Shortcuts

View All

After Image/Behaviour

Loqate Demonstration UI v2.40.1.15683-927cda5

GKR

Verify

Autocomplete

Query

Log Analysis

ReverseGeocode

Input Data

Address3

11 AVENIDA COMMERCIAL DE MACAU

Address2

AIA TOWER

Address1

ROOM 702

Locality

AdministrativeArea

PostalCode

Country

MAC

PreferPrimaryValidAlias

Parse

Verify

ForceCountry

Match

Search

DefaultCountry

Format

Geocode

Enhance

Clear Options

Clear Input

Clear Output

Process

Output

Address

Avenida Commercial De Mac

Aia Tower

Room 702

Sé

Macao

Latitude

22.189067

Longitude

113.542157

Accuracy

P3

Distance

87.7

Output

Address Quality Index

3

1

Result Count

1

Address Verification Code

V32-I55-P0-091

Organization

Empty

SubBuilding

Room 702

Identified no change

Premise

251A-301

Identified no change

Building

Aia Tower

Identified no change

PostBox

Empty

Dependent Thoroughfare

Empty

Thoroughfare

Avenida Commercial De Macau

Verified small change

DoubleDependentLocality

Empty

DependentLocality

Sé

Added

Locality

Macao

Verified alias change

SubAdministrativeArea

Macao

Added

AdministrativeArea

Macao

Added

SuperAdministrativeArea

Empty

PostalCode

Empty

Country

Macao

ISO2

MO

ISO3

MAC

Unmatched

Processed Time

00:00:00.01

Shortcuts

View All

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Case Number	Change Description	Category	Country	Example Address
CAS-07441-C3X5B7	Updated Reference Data with thoroughfare to improve parsing	Data	ESP	(1)Address1: Avenida Jesús Sánchez Madero Jesuli 26 Locality: Algeciras PostalCode: 11205 Country: ESP (2)Address1: CALLE IXURMENDI 24 Locality: ZIZUR MAYOR PostalCode: 31180 Country: ESP

Before Image/Behaviour

Loqate Demonstration UI v2.41.0.15851-05b955f

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

Clear Options Clear Input Clear Output Process

Output

Address Quality Index 1 Result Count 1

Address Verification Code

Organization

SubBuilding

Premise Identified no change

Building

PostBox

DependentThoroughfare

Thoroughfare Identified no change

DoubleDependentLocality

DependentLocality

Locality Verified alias change

SubAdministrativeArea Added

AdministrativeArea Added

SuperAdministrativeArea Added

PostalCode Verified no 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 v2.41.0.15851-05b955f

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

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 alias change

DoubleDependentLocality

DependentLocality

Locality Verified alias change

SubAdministrativeArea Added

AdministrativeArea Added

SuperAdministrativeArea Added

PostalCode Verified no 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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Logate Demonstration UI v2.41.0.15851-05b955f

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

Clear Options Clear Input Clear Output Process

Output

Address Quality Index Result Count 1

Address Verification Code

Organization

SubBuilding

Premise Identified no change

Building

PostBox

DependentThoroughfare

Thoroughfare Identified no change

DoubleDependentLocality

DependentLocality

Locality Verified no change

SubAdministrativeArea Added

AdministrativeArea Added

SuperAdministrativeArea Added

PostalCode Verified no 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

Logate Demonstration UI v2.41.0.15851-05b955f

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

Clear Options Clear Input Clear Output Process

Output

Address Quality Index Result Count 1

Address Verification Code

Organization

SubBuilding

Premise Verified no change

Building

PostBox

DependentThoroughfare

Thoroughfare Verified no change

DoubleDependentLocality

DependentLocality

Locality Verified no change

SubAdministrativeArea Added

AdministrativeArea Added

SuperAdministrativeArea Added

PostalCode Verified no change

Country

ISO2 ISO3

Unmatched

Processed Time

Shortcuts View All To Clipboard

Output

Address

Latitude

Longitude

Accuracy

Distance

Map This Location

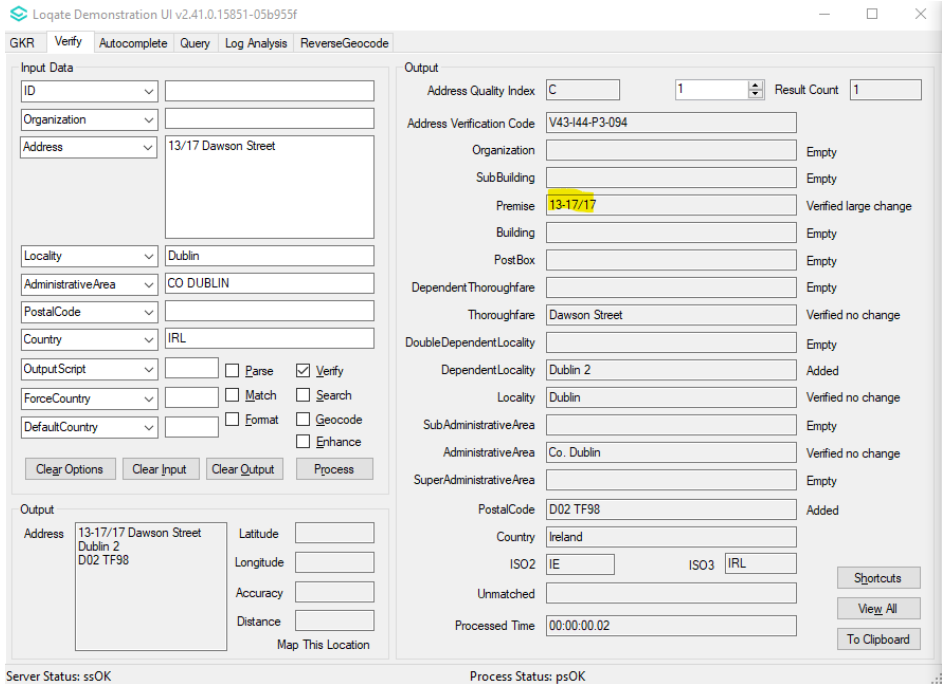
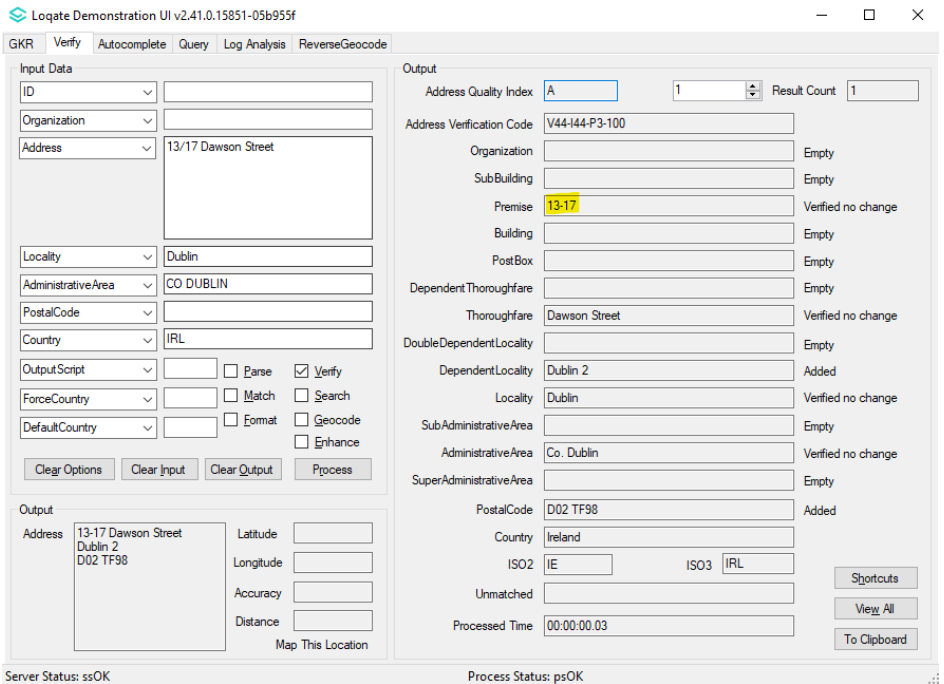
Server Status: ssOK Process Status: psOK

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Case Number	Change Description	Category	Country	Example Address
CAS-09827-K6R8H6	Update Country Hyphen class from B to C to fix the parsing of the premise number	Data	IRL	Address1: 13-17/17 Dawson Street Locality: Dublin 2 AdministrativeArea: CO DUBLIN PostalCode: D02 TF98 Country: IRL
Before Image/Behaviour			After Image/Behaviour	
				

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Case Number	Change Description	Category	Country
CAS-62605-J4C8Y8	Added PostalCode "90-936" for Locality "Lodz"	Data	POL
Before Behaviour		After Behaviour	
PostalCode "90-926" is absent from Locality "Lodz"		PostalCode "90-936" exists in Locality "Lodz"	

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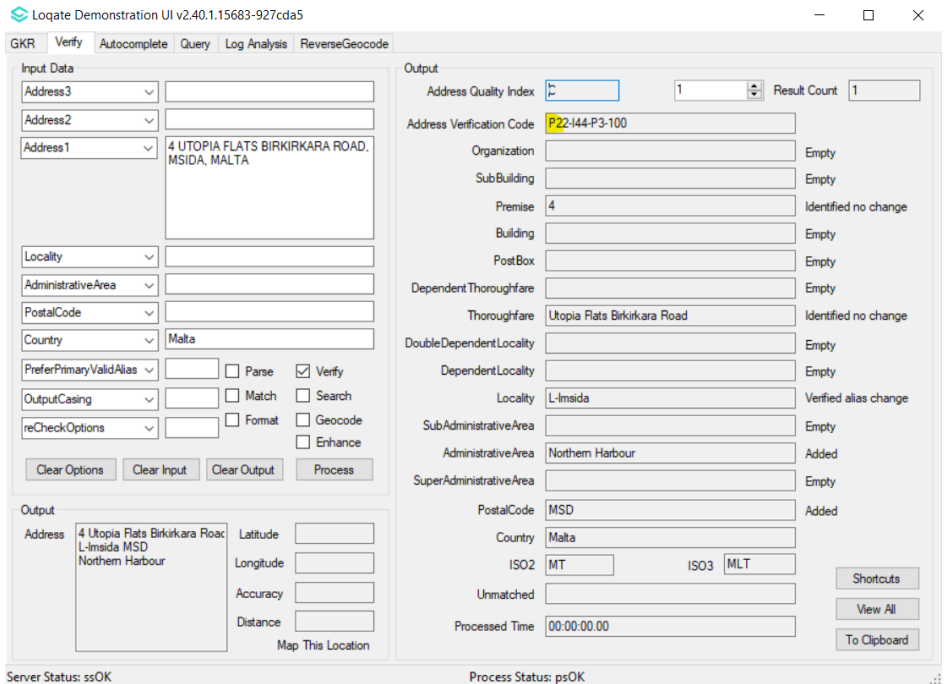
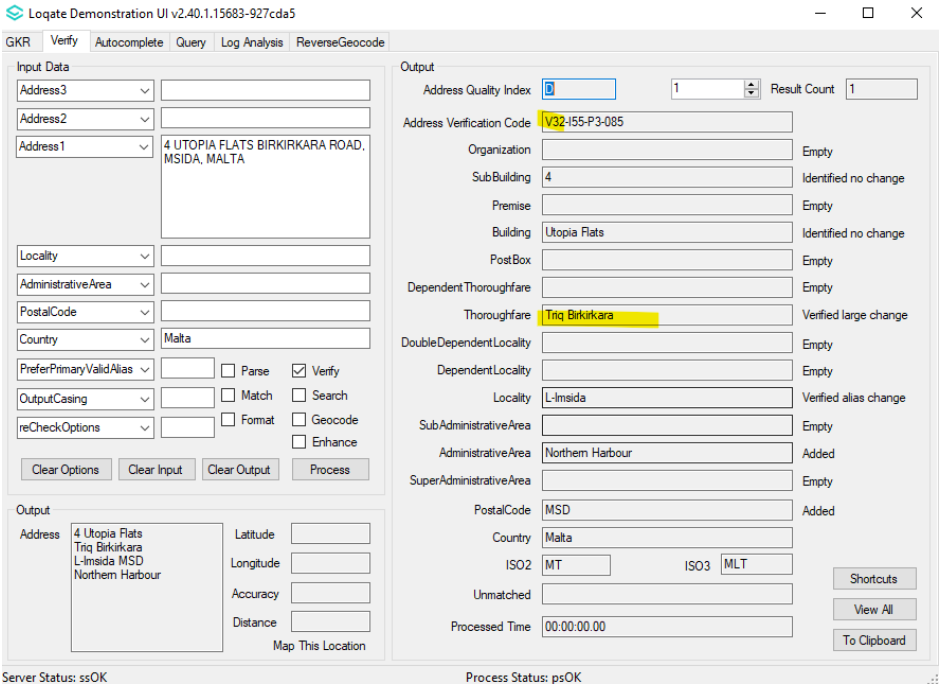
Case Number	Change Description	Category	Country
CAS-61305-C7B3Z2	Removed postalcode 87-840 from Baruchowo and Kowal	Data	POL
Before Behaviour		After Behaviour	
Locality 182003 SubAdministrativeArea 182002 Baruchowo<S=LATN,L=PL> 87-820 87-821 87-840		Locality 182003 SubAdministrativeArea 182002 Baruchowo<S=LATN,L=PL> 87-820 87-821	
Locality 182925 SubAdministrativeArea 182002 Kowal<S=LATN,L=PL> Kowal (Gmina) 87-820 87-821 87-830 87-840 87-850 87-853		Locality 182925 SubAdministrativeArea 182002 Kowal<S=LATN,L=PL> Kowal (Gmina) 87-820 87-821 87-830 87-850 87-853	

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Case Number	Change Description	Category	Country	Example Address
CAS-38491-J6P2X3	Add 'flats' as building type in lexicon to improve parsing	Data	MLT	Address1: 4 UTOPIA FLATS BIRKIRKARA ROAD, MSIDA, MALTA
Before Image/Behaviour			After Image/Behaviour	
				

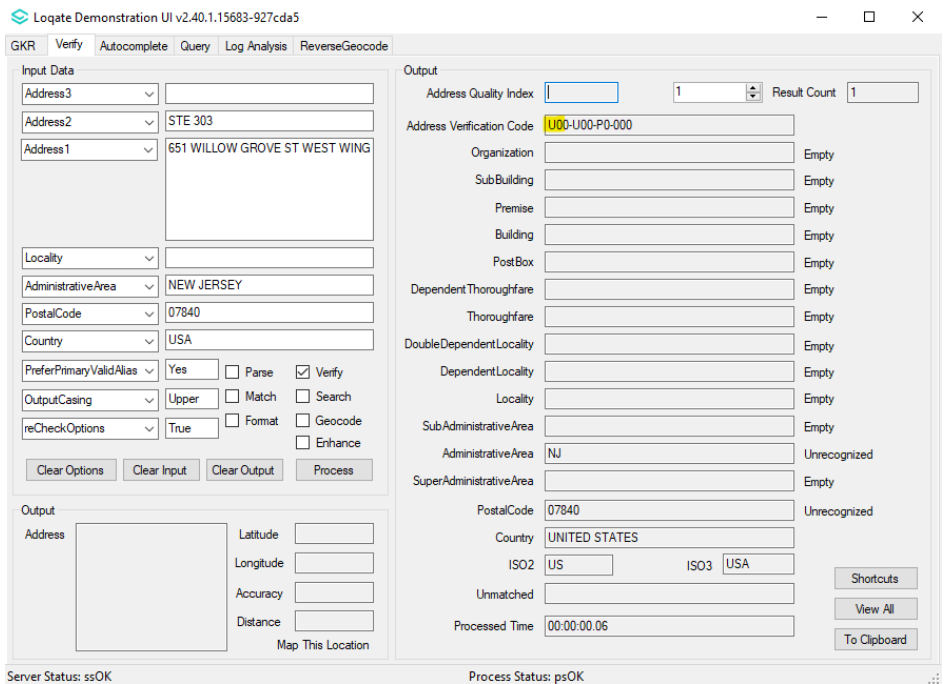
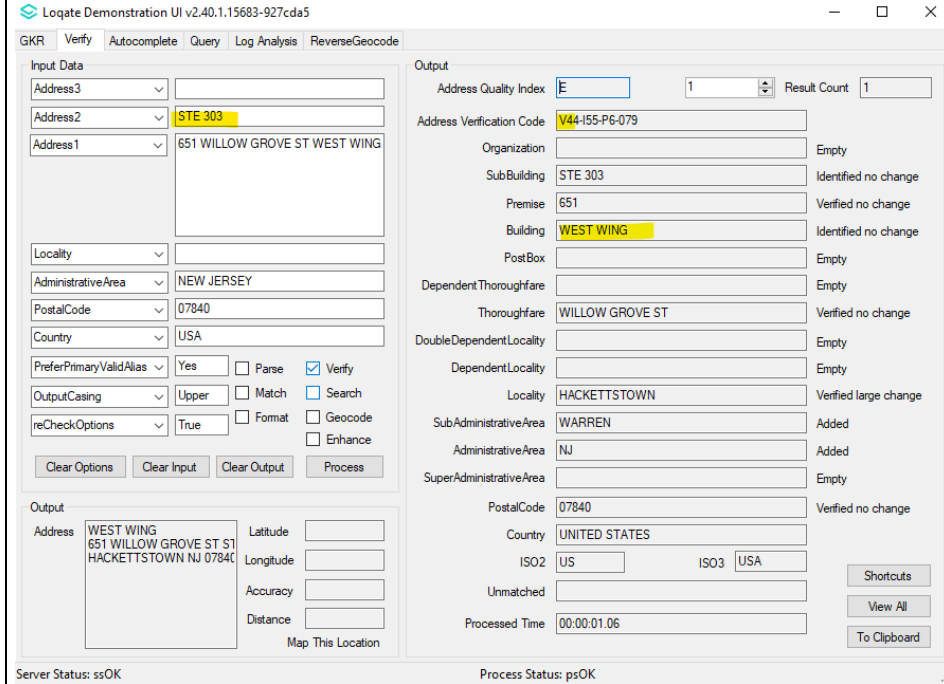
GBG Loqate, 3101 Park Blvd, Suite 01-105, Palo Alto, CA 94306-2233, USA

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Case Number	Change Description	Category	Country	Example Address
CAS-58760-K7R2Q1	Add West Wing as Building in lexicon to improve Parsing	Data	USA	Address1: 651 Willow Grove St West Wing Address2: STE 303 AdministrativeArea: New Jersey Postalcode: 07840 Country: USA

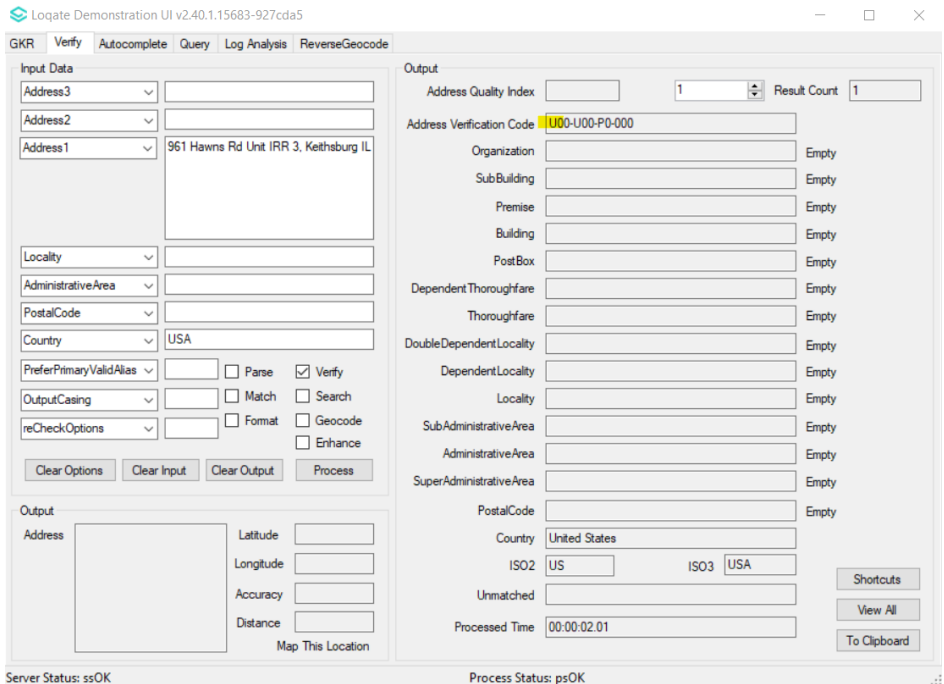
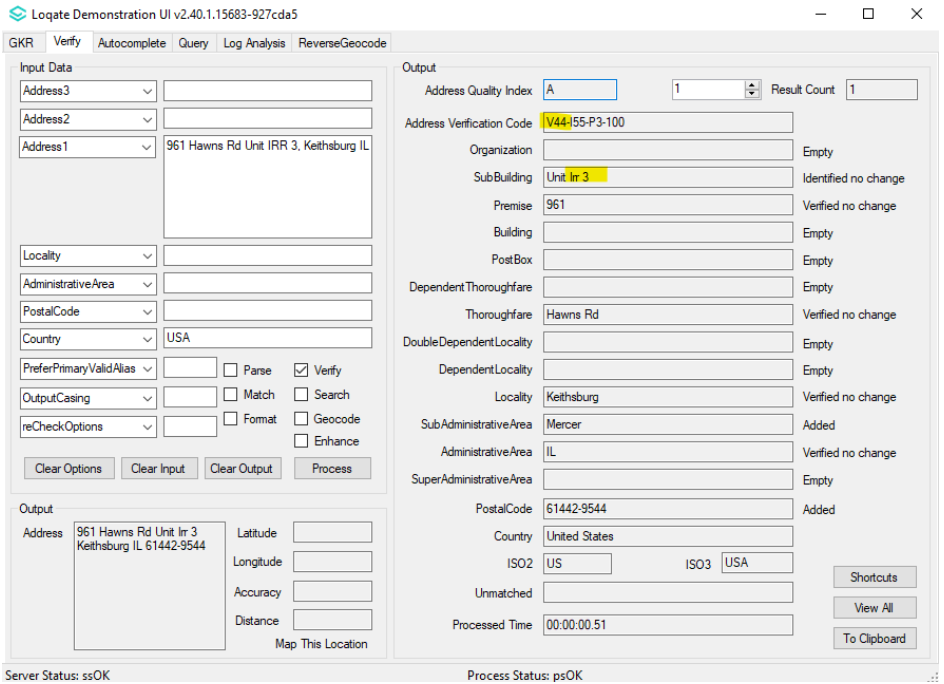
Before Image/Behaviour	After Image/Behaviour
	

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Case Number	Change Description	Category	Country	Example Address
CAS-61872-K9F1P1	Add IRR {NUMERIC} as SubBuilding number in lexicon	Data	USA	Address1: 961 Hawns Rd Unit IRR 3, Keithsburg IL Country: USA
Before Image/Behaviour			After Image/Behaviour	
				

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Case Number	Change Description	Category	Country	Example Address
CAS-51092-W1Q3N1	Adding ThoroughfareName rules to support the Numeric and Alphabet as part of thoroughfare name.	Data	CAN	(1) Address: 1 FIRE ROUTE 351A Locality: TRENT LAKES AdministrativeArea: ON PostalCode: K0M 2A0 Country: CA (2) Address: 1008 SKELETON LAKE RD 3 Locality: UTTERSON AdministrativeArea: ON PostalCode: P0B 1M0 Country: CA

Before Image/Behaviour	After Image/Behaviour
Loqate Demonstration UI v2.41.0.15851-05b955f GKR Verify Autocomplete Query Log Analysis ReverseGeocode Input Data: ID, Organization, Address (1 FIRE ROUTE 351A), Locality (TRENT LAKES), AdministrativeArea (ON), PostalCode (K0M 2A0), Country (CA). Output: Address Quality Index (1), Result Count (3), Address Verification Code (A22-155-P6-100), Organization (Empty), SubBuilding (351A), Premise (1), Building (Empty), PostBox (Empty), DependentThoroughfare (Empty), Thoroughfare (Fire Rte), DoubleDependentLocality (Empty), DependentLocality (Empty), Locality (Trent Lakes), SubAdministrativeArea (Trent Lakes), AdministrativeArea (ON), SuperAdministrativeArea (Empty), PostalCode (K0M 2A0), Country (Canada), ISO2 (CA), ISO3 (CAN), Unmatched (Empty), Processed Time (00:00:00.17). Server Status: ssOK Process Status: psOK	Loqate Demonstration UI v2.41.0.15851-05b955f GKR Verify Autocomplete Query Log Analysis ReverseGeocode Input Data: ID, Organization, Address (1 FIRE ROUTE 351A), Locality (TRENT LAKES), AdministrativeArea (ON), PostalCode (K0M 2A0), Country (CA). Output: Address Quality Index (A), Result Count (1), Address Verification Code (V44-144-P6-100), Organization (Empty), SubBuilding (Empty), Premise (1), Building (Empty), PostBox (Empty), DependentThoroughfare (Empty), Thoroughfare (Fire Route 351A), DoubleDependentLocality (Empty), DependentLocality (Empty), Locality (Trent Lakes), SubAdministrativeArea (Trent Lakes), AdministrativeArea (ON), SuperAdministrativeArea (Empty), PostalCode (K0M 2A0), Country (Canada), ISO2 (CA), ISO3 (CAN), Unmatched (Empty), Processed Time (00:00:00.10). Server Status: ssOK Process Status: psOK

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Loqate Demonstration UI v2.41.0.15851-05b955f

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

Clear Options Clear Input Clear Output Process

Output

Address Quality Index 1 Result Count 1

Address Verification Code V42-155-P6-099

Organization

SubBuilding Identified no change

Premise Verified no change

Building

PostBox

DependentThoroughfare

Thoroughfare Verified small change

DoubleDependentLocality

DependentLocality

Locality Verified no change

SubAdministrativeArea Added

AdministrativeArea Verified no change

SuperAdministrativeArea

PostalCode Verified no change

Country

ISO2 ISO3

Unmatched

Processed Time 00:00:00.03

Shortcuts View All To Clipboard

Output

Address

Latitude

Longitude

Accuracy

Distance

Map This Location

Server Status: ssOK Process Status: psOK

Loqate Demonstration UI v2.41.0.15851-05b955f

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

Clear Options Clear Input Clear Output Process

Output

Address Quality Index 1 Result Count 1

Address Verification Code V44-144-P6-100

Organization

SubBuilding

Premise Verified no change

Building

PostBox

DependentThoroughfare

Thoroughfare Verified no change

DoubleDependentLocality

DependentLocality

Locality Verified no change

SubAdministrativeArea Added

AdministrativeArea Verified no change

SuperAdministrativeArea

PostalCode Verified no change

Country

ISO2 ISO3

Unmatched

Processed Time 00:00:00.03

Shortcuts View All To Clipboard

Output

Address

Latitude

Longitude

Accuracy

Distance

Map This Location

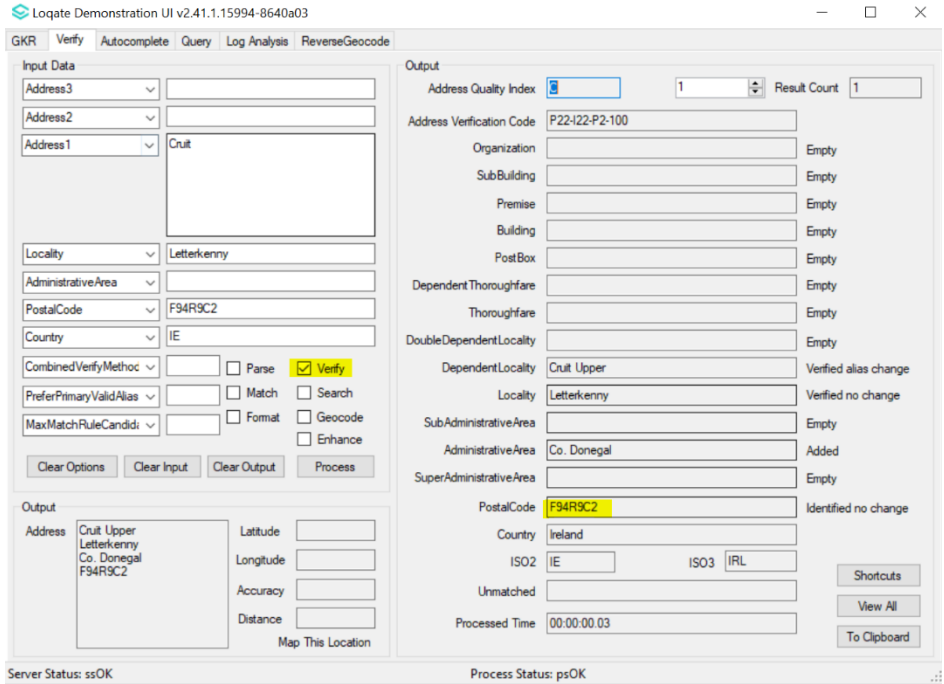
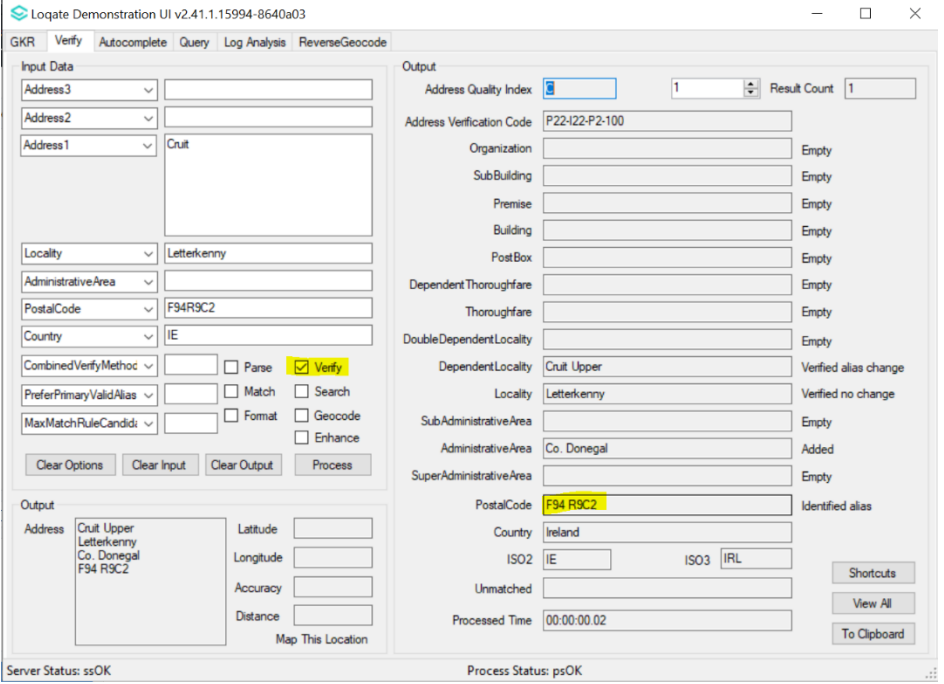
Server Status: ssOK Process Status: psOK

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Case Number	Change Description	Category	Country	Example Address
CAS-51455-T4Y8P3	Fixing the postal code format.	Data	IRL	Address1: Cruit Locality: Letterkenny PostalCode: F94R9C2 Country: IE

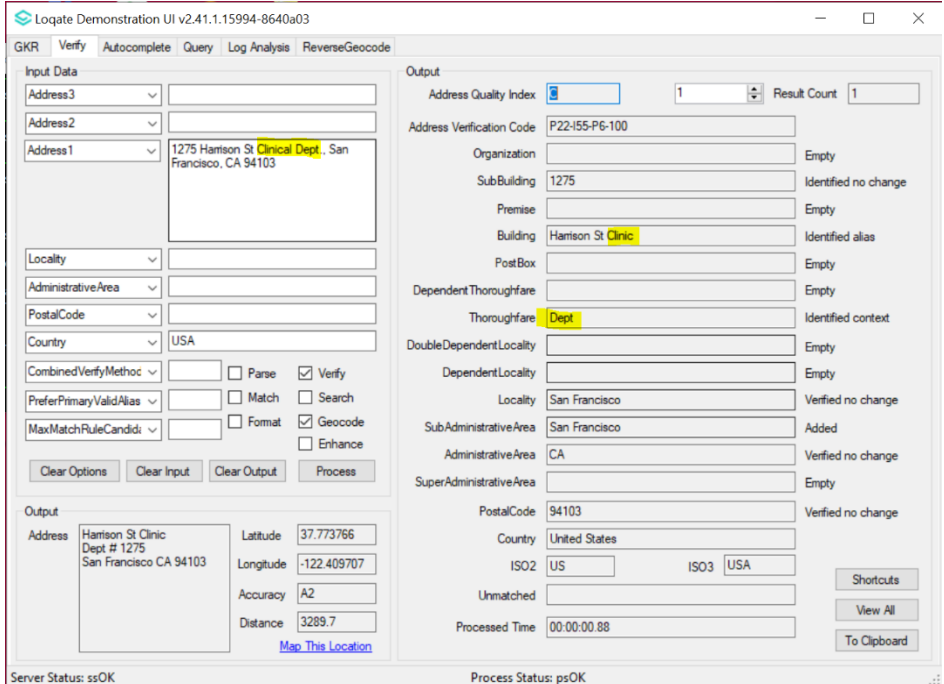
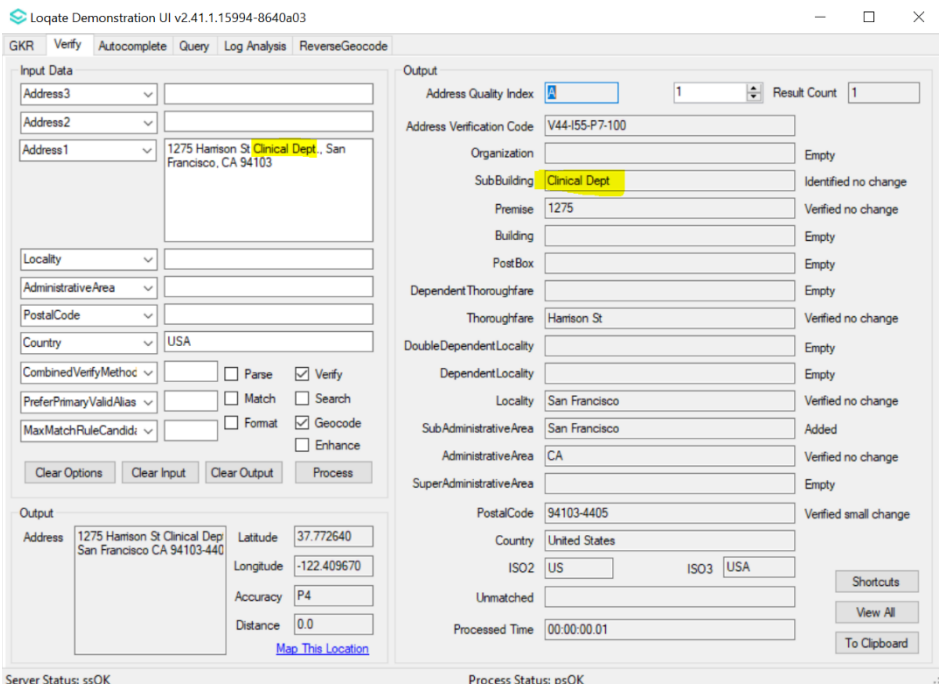
Before Image/Behaviour	After Image/Behaviour
 Loqate Demonstration UI v2.41.1.15994-8640a03 GKR Verify Autocomplete Query Log Analysis ReverseGeocode Input Data Address3: [dropdown] Address2: [dropdown] Address1: Cruit Locality: Letterkenny AdministrativeArea: [dropdown] PostalCode: F94R9C2 Country: IE CombinedVerifyMethod: [dropdown] Parse [checkbox] Verify [checkbox] PreferPrimaryValidAlias: [dropdown] Match [checkbox] Search [checkbox] MaxMatchRuleCandidi: [dropdown] Format [checkbox] Enhance [checkbox] Clear Options Clear Input Clear Output Process Output Address Quality Index: [dropdown] 1 Result Count: 1 Address Verification Code: P22422-P2-100 Organization: [dropdown] Empty SubBuilding: [dropdown] Empty Premise: [dropdown] Empty Building: [dropdown] Empty PostBox: [dropdown] Empty DependentThoroughfare: [dropdown] Empty Thoroughfare: [dropdown] Empty DoubleDependentLocality: [dropdown] Empty DependentLocality: Cruit Upper Verified alias change Locality: Letterkenny Verified no change SubAdministrativeArea: [dropdown] Empty AdministrativeArea: Co. Donegal Added SuperAdministrativeArea: [dropdown] Empty PostalCode: F94R9C2 Identified no change Country: Ireland ISO2: IE ISO3: IRL Unmatched: [dropdown] Processed Time: 00:00:00.03 Shortcuts View All To Clipboard Map This Location Server Status: ssOK Process Status: psOK	 Loqate Demonstration UI v2.41.1.15994-8640a03 GKR Verify Autocomplete Query Log Analysis ReverseGeocode Input Data Address3: [dropdown] Address2: [dropdown] Address1: Cruit Locality: Letterkenny AdministrativeArea: [dropdown] PostalCode: F94R9C2 Country: IE CombinedVerifyMethod: [dropdown] Parse [checkbox] Verify [checkbox] PreferPrimaryValidAlias: [dropdown] Match [checkbox] Search [checkbox] MaxMatchRuleCandidi: [dropdown] Format [checkbox] Enhance [checkbox] Clear Options Clear Input Clear Output Process Output Address Quality Index: [dropdown] 1 Result Count: 1 Address Verification Code: P22422-P2-100 Organization: [dropdown] Empty SubBuilding: [dropdown] Empty Premise: [dropdown] Empty Building: [dropdown] Empty PostBox: [dropdown] Empty DependentThoroughfare: [dropdown] Empty Thoroughfare: [dropdown] Empty DoubleDependentLocality: [dropdown] Empty DependentLocality: Cruit Upper Verified alias change Locality: Letterkenny Verified no change SubAdministrativeArea: [dropdown] Empty AdministrativeArea: Co. Donegal Added SuperAdministrativeArea: [dropdown] Empty PostalCode: F94 R9C2 Identified alias Country: Ireland ISO2: IE ISO3: IRL Unmatched: [dropdown] Processed Time: 00:00:00.02 Shortcuts View All To Clipboard Map This Location Server Status: ssOK Process Status: psOK

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Case Number	Change Description	Category	Country	Example Address
CAS-59333-M9M3T7	Fixing the address parsing issue.	Data	USA	Address1: 1275 Harrison St Clinical Dept., San Francisco, CA 94103 USA
Before Image/Behaviour				After Image/Behaviour
				

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Case Number	Change Description	Category	Country	Example Address
CAS-48721-Q4S2S2	Fix the issue where Verified Large Change status is displayed when the input Administrative Area is specified.	Data	SGP	Address1: 1 HARBOURFRONT WALK Locality: SINGAPORE Administrative Area: SINGAPORE Country: SINGAPORE

Before Image/Behaviour	After Image/Behaviour
Loqate Demonstration UI v2.39.1.15377-0102a77 Input Data: ID, Organization, Address (1 HARBOURFRONT WALK), Locality (SINGAPORE), Administrative Area (SINGAPORE), Postal Code, Country (SINGAPORE), Output Script, Force Country, Default Country. Output: Address Quality Index (B), Address Verification Code (V42-144-P3-098), Organization, Sub Building, Premise (1), Building (Vivo City), Post Box, Dependent Thoroughfare, Thoroughfare (Harbourfront Walk), Double Dependent Locality, Dependent Locality, Locality (Singapore), Sub Administrative Area, Administrative Area (Singapore - Verified large change), Super Administrative Area, Postal Code (098585), Country (Singapore), ISO2 (SG), ISO3 (SGP), Unmatched, Processed Time (00:00:00.16).	Loqate Demonstration UI v2.41.0.15851-05b955f Input Data: Dependent Locality, Building, Address2 (1 Harbourfront Walk), Locality (Singapore), Administrative Area (Singapore), Postal Code, Country (Singapore), Combined Verify Method, Query Result Cache Size, Output Script. Output: Address Quality Index (A), Address Verification Code (V44-144-P3-100), Organization, Sub Building, Premise (1), Building (Vivo City), Post Box, Dependent Thoroughfare, Thoroughfare (Harbourfront Walk), Double Dependent Locality, Dependent Locality, Locality (Singapore), Sub Administrative Area, Administrative Area (Singapore - Verified no change), Super Administrative Area, Postal Code (098585), Country (Singapore), ISO2 (SG), ISO3 (SGP), Unmatched, Processed Time (00:00:00.01).

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Case Number	Change Description	Category	Country	Example Address
CAS-64046-G8M9W1	Update country name from Venezuela, Bolivarian Republic to Venezuela, Bolivarian Republic of	Data	VEN	Address1: Los Chaguaramos Universidad Central de Venezuela Locality: Caracas Administrative Area: Distrito Capital Postal Code: 1041 Country: Venezuela, Bolivarian Republic of

Before Image/Behaviour	After Image/Behaviour
Loqate Demonstration UI v2.41.0.15851-05b955f GKR Verify Autocomplete Query Log Analysis ReverseGeocode Input Data DependentLocality: [Empty] Address2: [Empty] Address1: Los Chaguaramos Universidad Central de Venezuela Locality: Caracas AdministrativeArea: Distrito Capital PostalCode: 1041 Country: Venezuela, Bolivarian Republic of CombinedVerifyMethod: [Empty] ☐ Parse ☒ Verify DefaultCountry: [Empty] ☐ Match ☐ Search OutputScript: [Empty] ☐ Format ☐ Geocode ☐ Enhance Clear Options Clear Input Clear Output Process Output Address: Univ. Central De Los Chaguaramos Caracas 1041 Latitude: [Empty] Longitude: [Empty] Accuracy: [Empty] Distance: [Empty] Map This Location Address Quality Index: C 1 Result Count: 1 Address Verification Code: V22-144-P2-100 Organization: [Empty] SubBuilding: [Empty] Premise: [Empty] Building: Univ. Central De Identified alias PostBox: [Empty] DependentThoroughfare: [Empty] Thoroughfare: Los Chaguaramos Identified context DoubleDependentLocality: [Empty] DependentLocality: [Empty] Locality: Caracas Verified no change SubAdministrativeArea: [Empty] AdministrativeArea: Distrito Capital Verified no change SuperAdministrativeArea: [Empty] PostalCode: 1041 Identified no change Country: Venezuela, Bolivarian Republic ISO2: VE ISO3: VEN Unmatched: [Empty] Processed Time: 00:00:00.01 Shortcuts View All To Clipboard Server Status: ssOK Process Status: psOK	Loqate Demonstration UI v2.41.0.15851-05b955f GKR Verify Autocomplete Query Log Analysis ReverseGeocode Input Data DependentLocality: [Empty] Address2: [Empty] Address1: Los Chaguaramos Universidad Central de Venezuela Locality: Caracas AdministrativeArea: Distrito Capital PostalCode: 1041 Country: Venezuela, Bolivarian Republic of CombinedVerifyMethod: [Empty] ☐ Parse ☒ Verify DefaultCountry: [Empty] ☐ Match ☐ Search OutputScript: [Empty] ☐ Format ☐ Geocode ☐ Enhance Clear Options Clear Input Clear Output Process Output Address: Univ. Central De Venezuela Los Chaguaramos Caracas 1041 Latitude: [Empty] Longitude: [Empty] Accuracy: [Empty] Distance: [Empty] Map This Location Address Quality Index: C 1 Result Count: 1 Address Verification Code: V22-125-P2-100 Organization: Univ. Central De Venezuela Identified alias SubBuilding: [Empty] Premise: [Empty] Building: [Empty] PostBox: [Empty] DependentThoroughfare: [Empty] Thoroughfare: Los Chaguaramos Identified context DoubleDependentLocality: [Empty] DependentLocality: [Empty] Locality: Caracas Verified no change SubAdministrativeArea: [Empty] AdministrativeArea: Distrito Capital Verified no change SuperAdministrativeArea: [Empty] PostalCode: 1041 Identified no change Country: Venezuela, Bolivarian Republic Of ISO2: VE ISO3: VEN Unmatched: [Empty] 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-63363-F9Z5P1	Updated Reference Data which improved AQL.	Data	ITA	Address1: Via Leonardo Da Vinci 23 35030 Galzignano Terme Italy

Before Image/Behaviour	After Image/Behaviour
Loqate Demonstration UI v2.40.1.15683-927cda5 GKR Verify Autocomplete Query Log Analysis ReverseGeocode Input Data Address3 Address2 Address1 Via Leonardo Da Vinci 23 35030 Galzignano Terme Italy Locality AdministrativeArea PostalCode Country MaxResults OutputSortType DefaultCountry ☐ Parse ☒ Verify ☐ Match ☐ Search ☐ Geocode ☐ Enhance Clear Options Clear Input Clear Output Process Output Address Via Leonardo Da Vinci 23 35031 Abano Terme PD Latitude Longitude Accuracy Distance Map This Location Server Status: ssOK Process Status: psOK	Loqate Demonstration UI v2.40.1.15683-927cda5 GKR Verify Autocomplete Query Log Analysis ReverseGeocode Input Data Address3 Address2 Address1 Via Leonardo Da Vinci 23 35030 Galzignano Terme Italy Locality AdministrativeArea PostalCode Country MaxResults OutputSortType DefaultCountry ☐ Parse ☒ Verify ☐ Match ☐ Search ☐ Geocode ☐ Enhance Clear Options Clear Input Clear Output Process Output Address Via Leonardo Da Vinci 23 Galzignano 35030 Galzignano Terme PD 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-09972-J3Z2D5	Updated Reference Data and able to verify to the correct thoroughfare.	Data	ITA	Address1: Piazzale Cinelli, 1 Pesaro 61121 IT

Before Image/Behaviour	After Image/Behaviour
Logate Demonstration UI v2.40.1.15683-927cda5 GKR Verify Autocomplete Query Log Analysis ReverseGeocode Input Data Address3 Address2 Address1 Piazzale Cinelli, 1 Pesaro 61121 IT Locality AdministrativeArea PostalCode Country MaxResults OutputSortType DefaultCountry Clear Options Clear Input Clear Output Process Output Address Quality Index 0 1 Result Count 1 Address Verification Code V42-144-P6-089 Organization Empty SubBuilding Empty Premise 1 Verified no change Building Empty PostBox Empty DependentThoroughfare Empty Thoroughfare Viale Amilcare Zanella Verified large change DoubleDependentLocality Empty DependentLocality Empty Locality Pesaro Verified no change SubAdministrativeArea Empty AdministrativeArea PU Added SuperAdministrativeArea Marche Added PostalCode 61121 Verified no change Country Italy ISO2 IT ISO3 ITA Unmatched Empty Processed Time 00:00:00.07 Shortcuts View All To Clipboard Server Status: ssOK Process Status: psOK	Logate Demonstration UI v2.40.1.15683-927cda5 GKR Verify Autocomplete Query Log Analysis ReverseGeocode Input Data Address3 Address2 Address1 Piazzale Cinelli, 1 Pesaro 61121 IT Locality AdministrativeArea PostalCode Country MaxResults OutputSortType DefaultCountry Clear Options Clear Input Clear Output Process Output Address Quality Index 0 1 Result Count 1 Address Verification Code V44-144-P6-100 Organization Empty SubBuilding Empty Premise 1 Verified no change Building Empty PostBox Empty DependentThoroughfare Empty Thoroughfare Piazzale Carlo Cinelli Verified alias change DoubleDependentLocality Empty DependentLocality Empty Locality Pesaro Verified no change SubAdministrativeArea Empty AdministrativeArea PU Added SuperAdministrativeArea Marche Added PostalCode 61121 Verified no change Country Italy ISO2 IT ISO3 ITA Unmatched Empty Processed Time 00:00:00.02 Shortcuts View All To Clipboard Server Status: ssOK Process Status: psOK

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Case Number	Change Description	Category	Country	Example Address
CAS-60046-G8T2P3	Updated Reference Data and premise is able to be verified now.	Data	ITA	Address1: Via Gioacchino Rossini 30 - 50050 Cerreto Guidi (FI) Country: Italy

Before Image/Behaviour	After Image/Behaviour

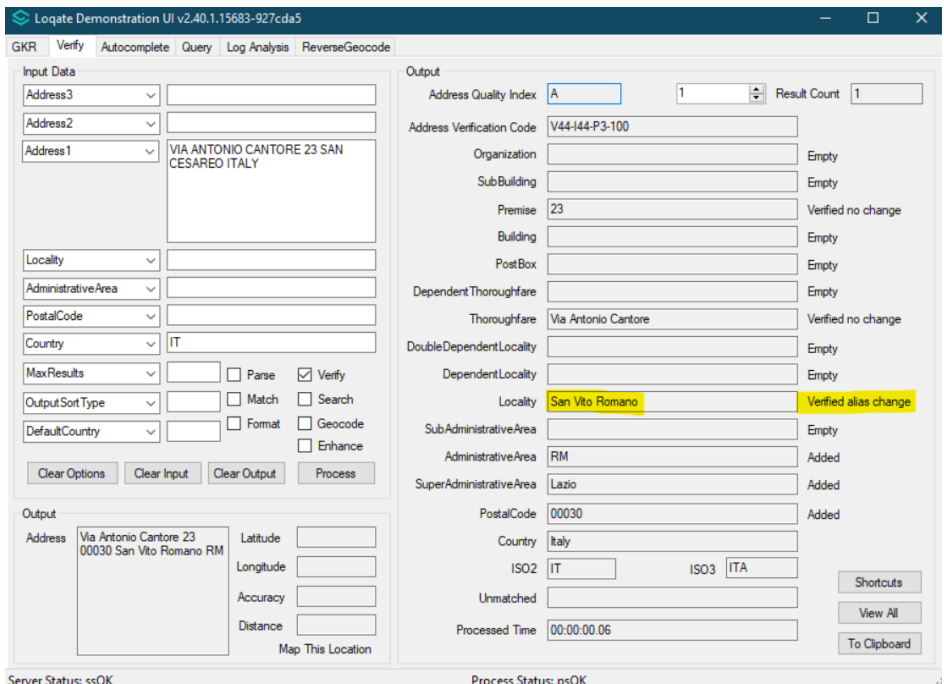
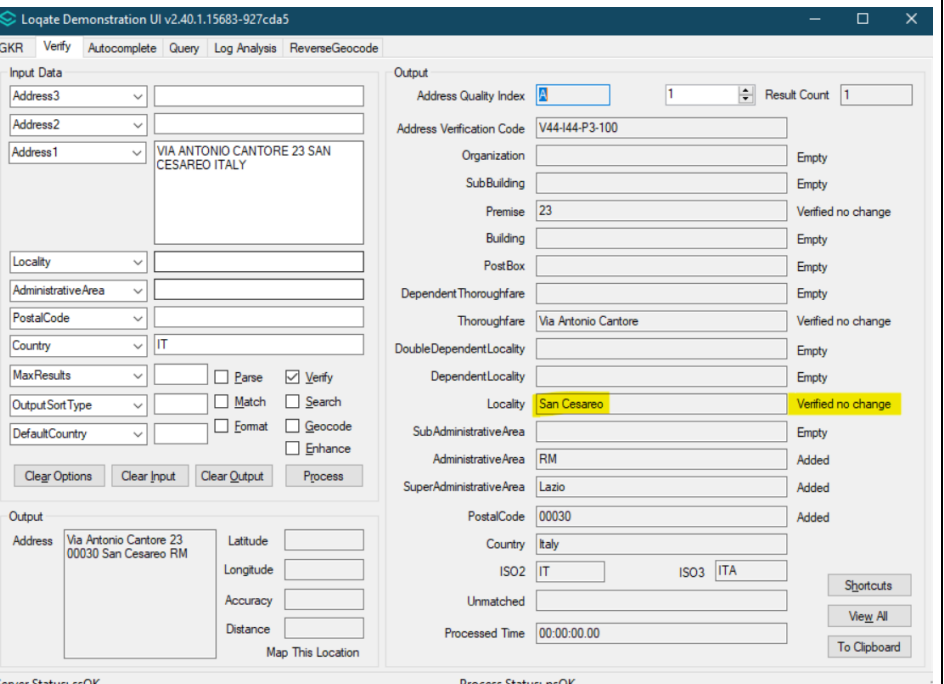
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Case Number	Change Description	Category	Country	Example Address
Internal ticket: LRD-7636	Fix the mapping and the expected locality 'San Cesaro' is returned correctly.	Data	ITA	Address: VIA ANTONIO CANTORE 23 SAN CESAREO ITALY Country: IT

Before Image/Behaviour	After Image/Behaviour
 Logate Demonstration UI v2.40.1.15683-927cda5 GKR Verify Autocomplete Query Log Analysis ReverseGeocode Input Data: Address3, Address2, Address1 (VIA ANTONIO CANTORE 23 SAN CESAREO ITALY), Locality, AdministrativeArea, PostalCode, Country (IT), MaxResults, OutputSortType, DefaultCountry. Output: Address Quality Index (A), Address Verification Code (V44-I44-P3-100), Organization, SubBuilding, Premise (23), Building, PostBox, DependentThoroughfare, Thoroughfare (Via Antonio Cantore), DoubleDependentLocality, DependentLocality, Locality (San Vito Romano - Verified alias change), SubAdministrativeArea, AdministrativeArea (RM), SuperAdministrativeArea (Lazio), PostalCode (00030), Country (Italy), ISO2 (IT), ISO3 (ITA), Unmatched, Processed Time (00:00:00.06). Server Status: ssOK Process Status: psOK	 Logate Demonstration UI v2.40.1.15683-927cda5 GKR Verify Autocomplete Query Log Analysis ReverseGeocode Input Data: Address3, Address2, Address1 (VIA ANTONIO CANTORE 23 SAN CESAREO ITALY), Locality, AdministrativeArea, PostalCode, Country (IT), MaxResults, OutputSortType, DefaultCountry. Output: Address Quality Index (A), Address Verification Code (V44-I44-P3-100), Organization, SubBuilding, Premise (23), Building, PostBox, DependentThoroughfare, Thoroughfare (Via Antonio Cantore), DoubleDependentLocality, DependentLocality, Locality (San Cesareo - Verified no change), SubAdministrativeArea, AdministrativeArea (RM), SuperAdministrativeArea (Lazio), PostalCode (00030), Country (Italy), ISO2 (IT), ISO3 (ITA), Unmatched, Processed Time (00:00:00.00). Server Status: ssOK Process Status: psOK

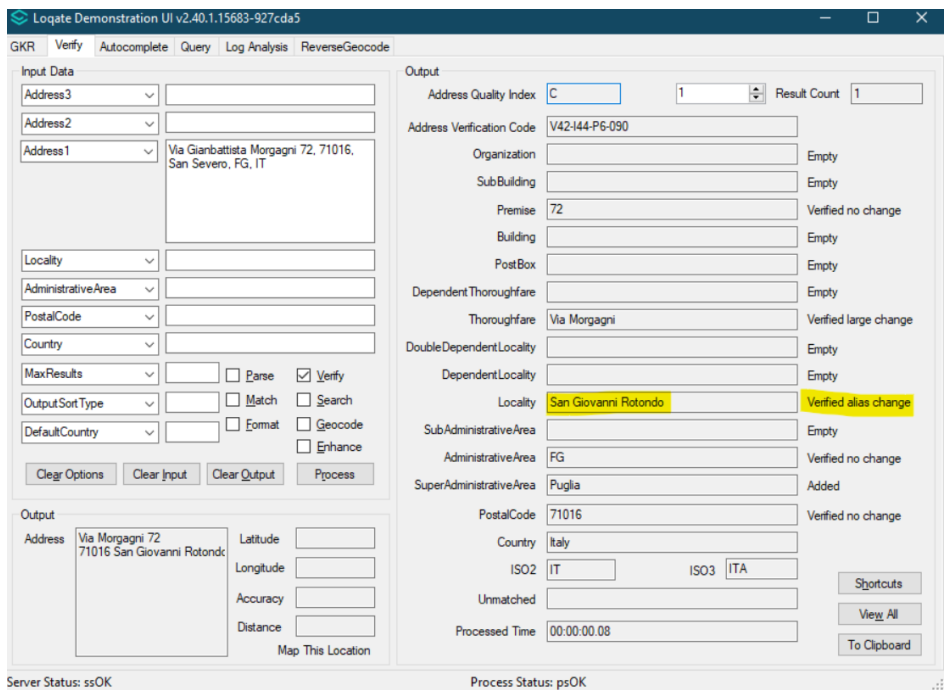
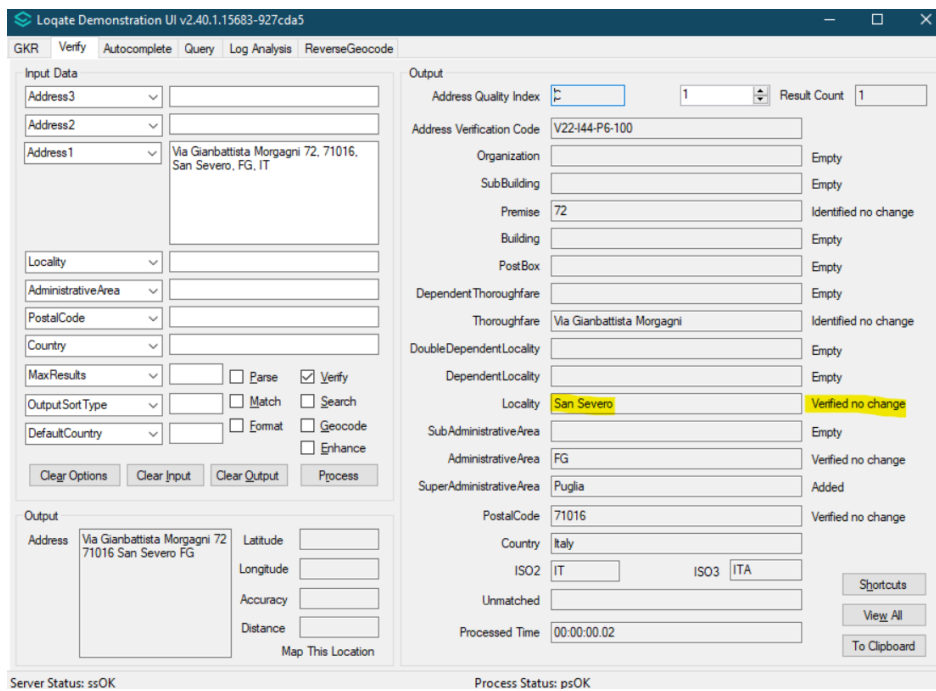
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Case Number	Change Description	Category	Country	Example Address
CAS-62602-X9Y0LO	Fix the mapping and the expected locality 'San Severo' is returned correctly.	Data	ITA	Address 1: Via Gianbattista Morgagni 72, 71016, San Severo, FG, IT

Before Image/Behaviour	After Image/Behaviour
 Logate Demonstration UI v2.40.1.15683-927cda5 Input Data: Address3, Address2, Address1 (Via Gianbattista Morgagni 72, 71016, San Severo, FG, IT) Output: Address Quality Index C, 1, Result Count 1. Address Verification Code V42-144-P6-090. Locality San Giovanni Rotondo (Verified alias change).	 Logate Demonstration UI v2.40.1.15683-927cda5 Input Data: Address3, Address2, Address1 (Via Gianbattista Morgagni 72, 71016, San Severo, FG, IT) Output: Address Quality Index V22-144-P6-100. Locality San Severo (Verified no change).

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Case Number	Change Description	Category	Country	Example Address
CAS-62440-F5R6Z0	Fix the mapping and the expected locality 'San Giovanni Lupatoto' is returned correctly.	Data	ITA	Address1: Viale Caduti Del Lavoro 37057 San Giovanni Lupatoto Country: Italia

Before Image/Behaviour	After Image/Behaviour
Loqate Demonstration UI v2.40.1.15683-927cda5 GKR Verify Autocomplete Query Log Analysis ReverseGeocode Input Data Address3 Address2 Address1 Viale Caduti Del Lavoro 37057 San Giovanni Lupatoto Locality AdministrativeArea PostalCode Country Italia MaxResults 1 ☐ Parse ☒ Verify OutputSortType ☐ Match ☐ Search DefaultCountry ☐ Format ☐ Geocode ☐ Enhance Clear Options Clear Input Clear Output Process Output Address Quality Index B 1 Result Count 1 Address Verification Code P33-133-P6-100 Organization Empty SubBuilding Empty Premise Empty Building Empty PostBox Empty DependentThoroughfare Empty Thoroughfare Viale Caduti Del Lavoro Verified no change DoubleDependentLocality Empty DependentLocality Empty Locality San Pietro Di Morubio Verified alias change SubAdministrativeArea Empty AdministrativeArea VR Added SuperAdministrativeArea Veneto Added PostalCode 37057 Verified no change Country Italy ISO2 IT ISO3 ITA Unmatched Processed Time 00:00:00.01 Shortcuts View All To Clipboard Server Status: ssOK Process Status: ssOK	Loqate Demonstration UI v2.40.1.15683-927cda5 GKR Verify Autocomplete Query Log Analysis ReverseGeocode Input Data Address3 Address2 Address1 Viale Caduti Del Lavoro 37057 San Giovanni Lupatoto Locality AdministrativeArea PostalCode Country Italia MaxResults 1 ☐ Parse ☒ Verify OutputSortType ☐ Match ☐ Search DefaultCountry ☐ Format ☐ Geocode ☐ Enhance Clear Options Clear Input Clear Output Process Output Address Quality Index B 1 Result Count 1 Address Verification Code P32-133-P6-097 Organization Empty SubBuilding Empty Premise Empty Building Empty PostBox Empty DependentThoroughfare Empty Thoroughfare Via Caduti Del Lavoro Verified small change DoubleDependentLocality Empty DependentLocality Empty Locality San Giovanni Lupatoto Verified no change SubAdministrativeArea Empty AdministrativeArea VR Added SuperAdministrativeArea Veneto Added PostalCode 37057 Verified no change Country Italy ISO2 IT ISO3 ITA Unmatched Processed Time 00:00:00.00 Shortcuts View All To Clipboard

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Case Number	Change Description	Category	Country	Example Address
CAS-62711-Z8L0R6	Fix the mapping and the expected locality is returned correctly.	Data	ITA	(1) Address1-Via Puglia 13 City-San Salvo State Province-CH PostalCode-66050 Country-ITALY (2) Address1-VIA TRAVERSAGNI 22 City-SAN MARTINO DI LUPARI State Province-PD PostalCode-35018 Country-ITALY

Before Image/Behaviour

Logate 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

Output

Address Quality Index Result Count

Address Verification Code

Organization

SubBuilding

Premise Verified no change

Building

PostBox

DependentThoroughfare

Thoroughfare Verified no change

DoubleDependentLocality

DependentLocality

Locality Verified alias change

SubAdministrativeArea

AdministrativeArea Verified no change

SuperAdministrativeArea Added

PostalCode Verified no change

Country

ISO2 ISO3

Unmatched

Processed Time

Output

Address

Latitude

Longitude

Accuracy

Distance

Service Status: OK

After Image/Behaviour

Logate 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

Output

Address Quality Index Result Count

Address Verification Code

Organization

SubBuilding

Premise Verified no change

Building

PostBox

DependentThoroughfare

Thoroughfare Verified no change

DoubleDependentLocality

DependentLocality Added

Locality Verified no change

SubAdministrativeArea

AdministrativeArea Verified no change

SuperAdministrativeArea Added

PostalCode Verified no change

Country

ISO2 ISO3

Unmatched

Processed Time

Output

Address

Latitude

Longitude

Accuracy

Distance

Service Status: OK

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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

MaxResults ☐ Parse ☒ Verify

OutputSortType ☐ Match ☐ Search

DefaultCountry ☐ 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

Dependent Thoroughfare

Thoroughfare Verified no change

DoubleDependentLocality

DependentLocality

Locality Verified alias change

SubAdministrativeArea

AdministrativeArea Verified no change

SuperAdministrativeArea Added

PostalCode Verified no change

Country

ISO2 ISO3

Unmatched

Processed Time

Shortcuts View All To Clipboard

Output

Address

Latitude

Longitude

Accuracy

Distance

Map This Location

After Image/Behaviour

Loqate Demonstration UI v2.40.1.15683-927cda5

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

Address3

Address2

Address1

Locality

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PostalCode

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MaxResults ☐ Parse ☒ Verify

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Address Quality Index Result Count

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DependentLocality

Locality Verified no change

SubAdministrativeArea

AdministrativeArea Verified no change

SuperAdministrativeArea Added

PostalCode Verified no change

Country

ISO2 ISO3

Unmatched

Processed Time

Shortcuts View All To Clipboard

Output

Address

Latitude

Longitude

Accuracy

Distance

Map This Location

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Case Number	Change Description	Category	Country	Example Address
CAS-62457-G3M1D3	Fix the mapping and the expected locality 'San Lazzaro Di Savena' is returned correctly.	Data	ITA	Address1: Via del Colle 33, PostalCode: 40068 Locality: San Lazzaro di Savena AdministrativeArea: Bologna Country: Italy

Before Image/Behaviour	After Image/Behaviour

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Case Number	Change Description	Category	Country	Example Address
CAS-51179-B1J5B1	Updated Reference Data and able to verify to the correct thoroughfare.	Data	ITA	Address 1: Via Gian Battista Vico 11 City: Milano Postal Code: 20123 Country: Italy

Before Image/Behaviour	After Image/Behaviour
Loqate Demonstration UI v2.40.1.15683-927cda5 GKR Verify Autocomplete Query Log Analysis ReverseGeocode Input Data Address3 Address2 Address1 Via Gian Battista Vico 11 Locality Milano AdministrativeArea PostalCode 20123 Country IT MaxResults 1 ☐ Parse ☒ Verify OutputSortType ☐ Match ☐ Search DefaultCountry ☐ Format ☐ Geocode ☐ Enhance Clear Options Clear Input Clear Output Process Output Address Quality Index C 1 Result Count 1 Address Verification Code V42-I44-P5-090 Organization Empty SubBuilding Empty Premise 11 Verified no change Building Empty PostBox Empty DependentThoroughfare Empty Thoroughfare Via Gian Battista Tiepolo Verified small change DoubleDependentLocality Empty DependentLocality Empty Locality Milano Verified no change SubAdministrativeArea Empty AdministrativeArea MI Added SuperAdministrativeArea Lombardia Added PostalCode 20129 Verified small change Country Italy ISO2 IT ISO3 ITA Unmatched Processed Time 00:00:00.00 Shortcuts View All Output Address Via Gian Battista Tiepolo 11 Latitude 20129 Milano MI Longitude Accuracy Distance	Loqate Demonstration UI v2.40.1.15683-927cda5 GKR Verify Autocomplete Query Log Analysis ReverseGeocode Input Data Address3 Address2 Address1 Via Gian Battista Vico 11 Locality Milano AdministrativeArea PostalCode 20123 Country IT MaxResults 1 ☐ Parse ☒ Verify OutputSortType ☐ Match ☐ Search DefaultCountry ☐ Format ☐ Geocode ☐ Enhance Clear Options Clear Input Clear Output Process Output Address Quality Index A 1 Result Count 1 Address Verification Code V44-I44-P6-100 Organization Empty SubBuilding Empty Premise 11 Verified no change Building Empty PostBox Empty DependentThoroughfare Empty Thoroughfare Via Gian Battista Vico Verified no change DoubleDependentLocality Empty DependentLocality Empty Locality Milano Verified no change SubAdministrativeArea Empty AdministrativeArea MI Added SuperAdministrativeArea Lombardia Added PostalCode 20123 Verified no change Country Italy ISO2 IT ISO3 ITA Unmatched Processed Time 00:00:00.00 Shortcuts View All Output Address Via Gian Battista Vico 11 Latitude 20123 Milano MI Longitude Accuracy Distance

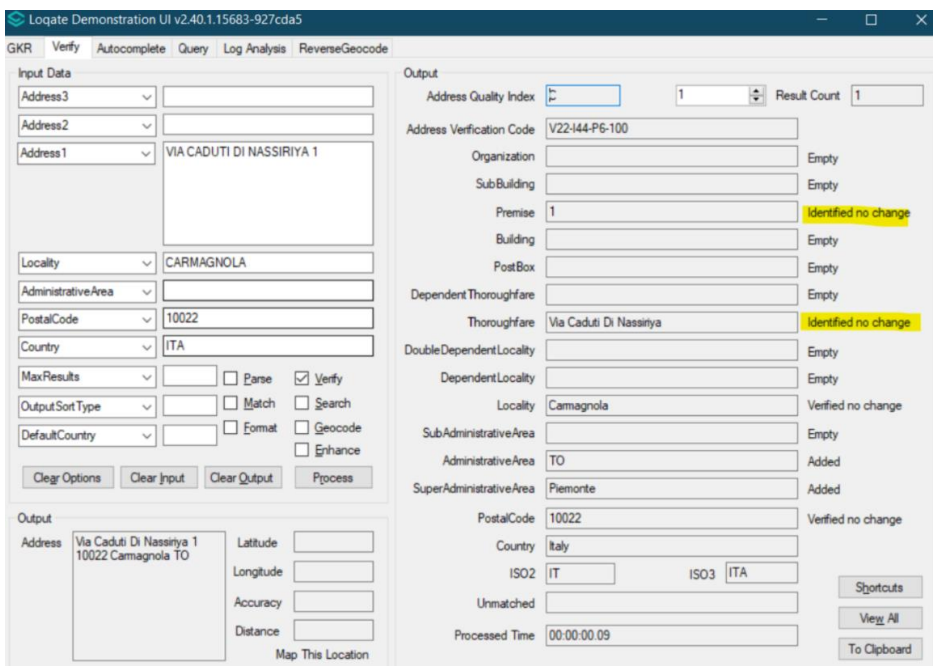
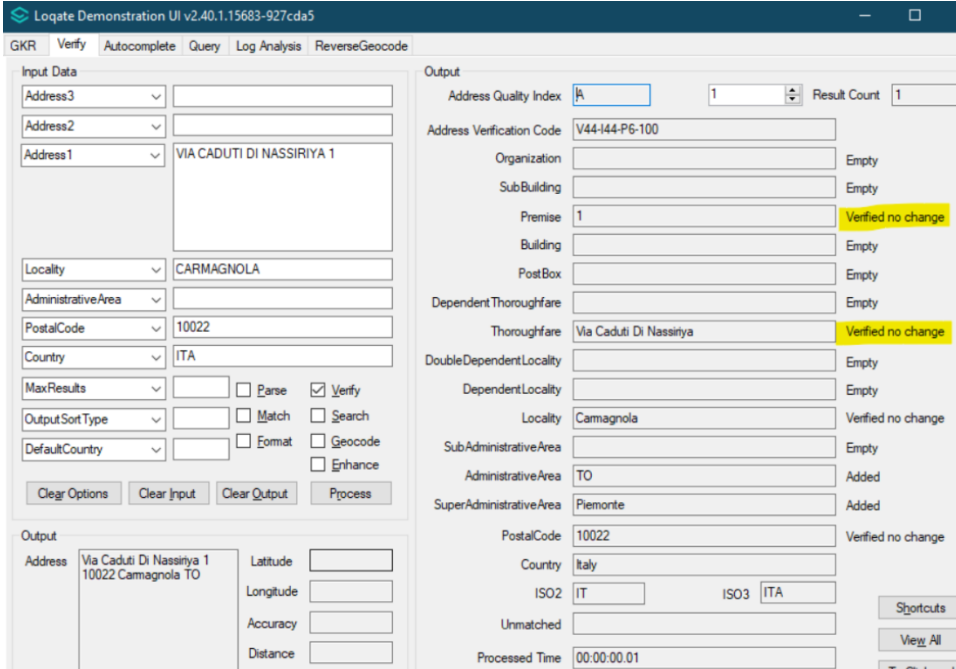
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Case Number	Change Description	Category	Country	Example Address
CAS-07441-C3X5B7	Updated Reference Data which improved AVC score for all 4 examples. Just one included as evidence.	Data	ITA	(1)Address1: VIA CADUTI DI NASSIRIYA 1 CARMAGNOLA 10022 ITA (2)Address1: Via Ignazio Falconieri n.8 Casoria 80026 ITA (3)Address1: VIA GIUSEPPE MERCALLI 18 ERCOLANO 80056 ITA (4)Address1: Via Lorenzo Lotto, 5 Voghera 27058 ITA

Before Image/Behaviour	After Image/Behaviour
	

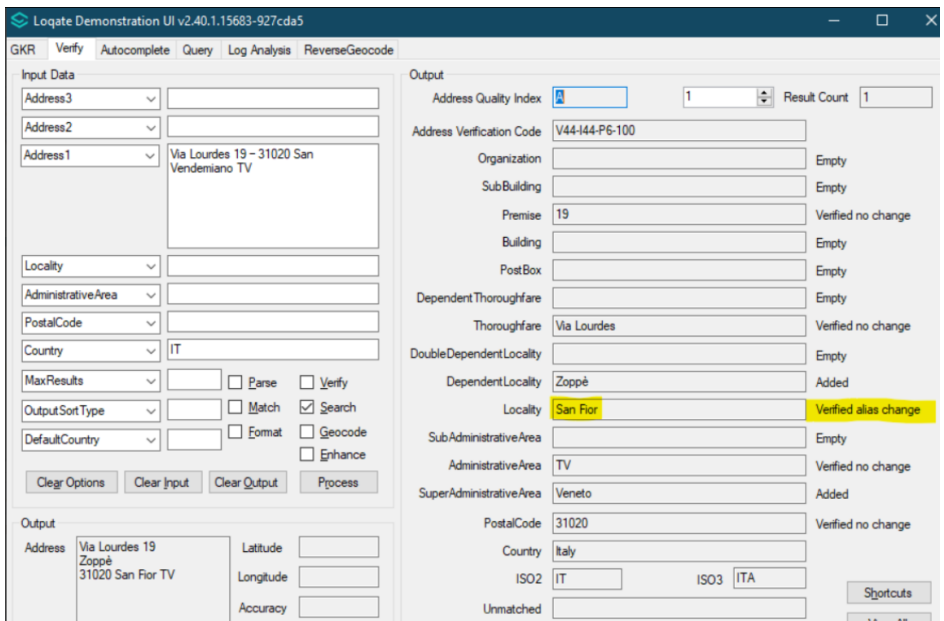
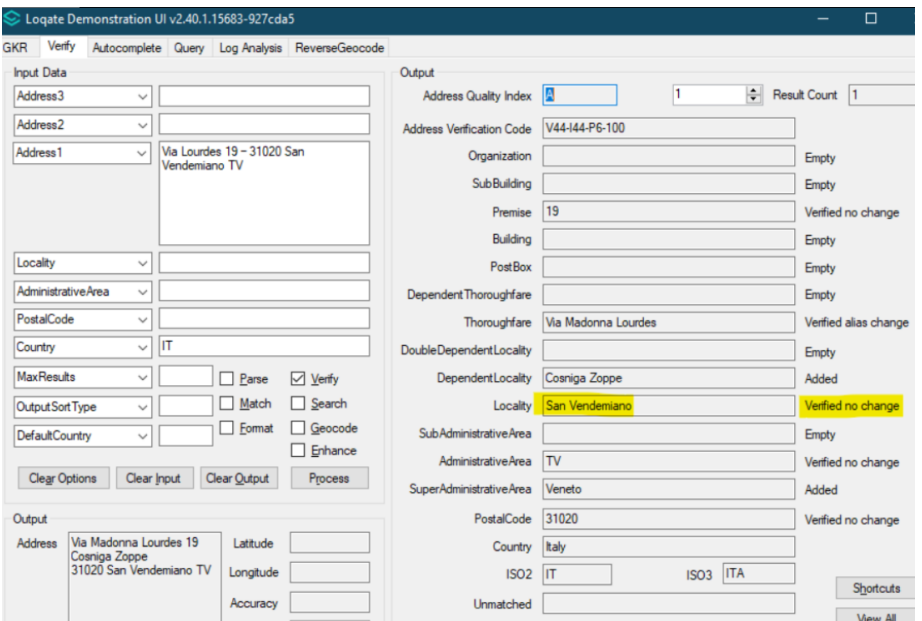
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Case Number	Change Description	Category	Country	Example Address
CAS-64402-V7C5G9	Fix the mapping and the expected locality 'San Vendemiano' is returned correctly.	Data	ITA	Address1: Via Lourdes 19 – 31020 San Vendemiano TV Country: IT

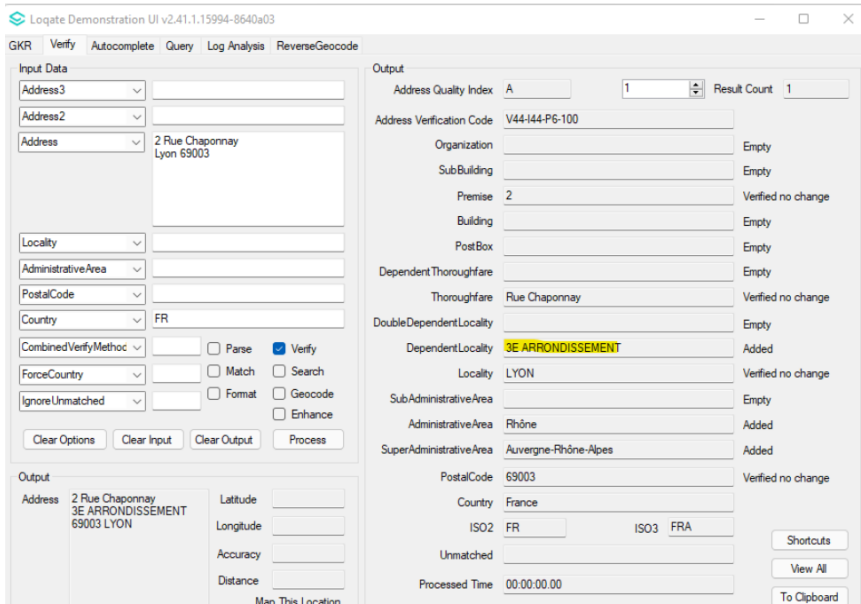
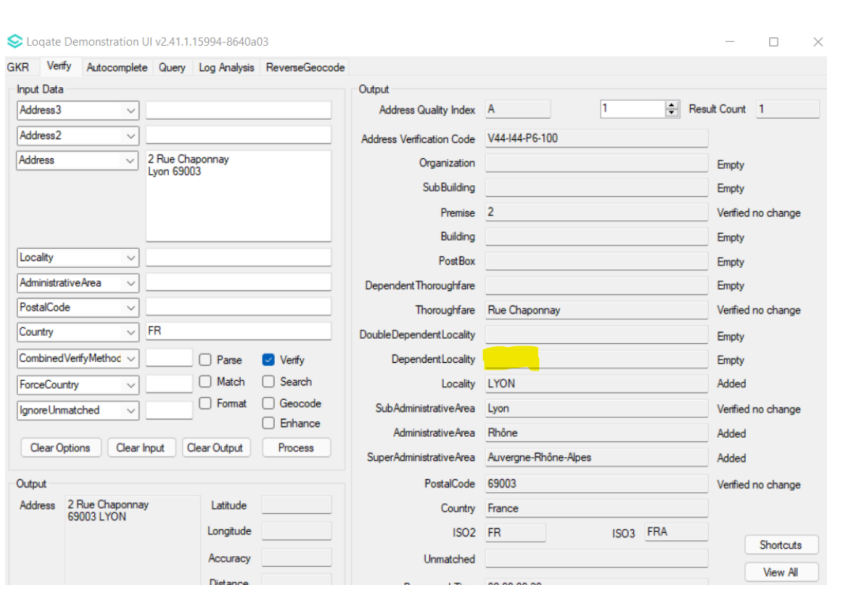
Before Image/Behaviour	After Image/Behaviour
 Logate Demonstration UI v2.40.1.15683-927cda5 Input Data: Address1: Via Lourdes 19 - 31020 San Vendemiano TV Output: Address Quality Index: 1, Result Count: 1 Address Verification Code: V44-144-P6-100 Organization: Empty SubBuilding: Empty Premise: 19, Verified no change Building: Empty PostBox: Empty DependentThoroughfare: Empty Thoroughfare: Via Lourdes, Verified no change DoubleDependentLocality: Empty DependentLocality: Zoppè, Added Locality: San Fior, Verified alias change SubAdministrativeArea: Empty AdministrativeArea: TV, Verified no change SuperAdministrativeArea: Veneto, Added PostalCode: 31020, Verified no change Country: Italy ISO2: IT, ISO3: ITA Unmatched: Shortcuts:	 Logate Demonstration UI v2.40.1.15683-927cda5 Input Data: Address1: Via Lourdes 19 - 31020 San Vendemiano TV Output: Address Quality Index: 1, Result Count: 1 Address Verification Code: V44-144-P6-100 Organization: Empty SubBuilding: Empty Premise: 19, Verified no change Building: Empty PostBox: Empty DependentThoroughfare: Empty Thoroughfare: Via Madonna Lourdes, Verified alias change DoubleDependentLocality: Empty DependentLocality: Cosniga Zoppè, Added Locality: San Vendemiano, Verified no change SubAdministrativeArea: Empty AdministrativeArea: TV, Verified no change SuperAdministrativeArea: Veneto, Added PostalCode: 31020, Verified no change Country: Italy ISO2: IT, ISO3: ITA Unmatched: Shortcuts:

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Case Number	Change Description	Category	Country	Example Address
CAS-53870-R6G2P6	Removal of Arrondissement	Data	FRA	Address1: 2 Rue Chaponnay Address2: Lyon 69003 Country: FR
Before Image/Behaviour			After Image/Behaviour	
				

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Case Number	Change Description	Category	Country	Example Address
CAS-49201-Z7L2R9	Add SSMMG into lexicon as organization.	Data	USA	Address1: 1345 SMIZER MILL RD Address2: SUITE 1100 SSMMG Locality: FENTON AdministrativeArea: MISSOURI PostalCode: 63026 Country: US

Before Image/Behaviour	After Image/Behaviour

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Release Notes – Geographic Hierarchy (Seed) Data

2022Q1.0 Major Release

Overview

The following document identifies all improvements and changes made to the Seed data files for the Loqate 2022Q1.0 Major Release.

Case Resolutions

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

External issue ID	Country	Description
CAS-62605-J4C8Y8	PL	Remove incorrect postal codes Poland
CAS-61305-C7B3Z2	PL	Poland postal codes need fix

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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
AE	1103	Data Refresh. NEW PostalCode addition. <i>Info: United Arab Emirates used to have no postcode system. Postal codes are relatively new in the country and not yet widely used by public, it was introduced in Abu Dhabi emirate (capital city). More areas adopting similar 5-digit codes systems and might be represented in future releases.</i>
AR	42	Data Refresh; PostalCode addition
AU	2682	Data Refresh; PostalCode, aliases & entries addition
BR	347	Data Refresh; PostalCode & aliases addition
CA	323	Data Refresh; PostalCode & entries addition
CL	6	Data Refresh; PostalCode addition; AdministrativeArea name correction, following postal authority standard. Refer more improvement details from DATA Release Note
DE	78	Data Refresh; PostalCode addition
EC	399	Data Refresh; PostalCode, aliases & entries addition
ES	74	Data Refresh; PostalCode aliases addition
FR	49	Removal of Arrondissement (under DependentLocality field)
GB	1039	Data Refresh; PostalCode & entries addition
IE	1730	Data Refresh; PostalCode addition
IT	72995	Country Review: All ID changed due to new source replacement. Refer more improvement details from DATA Release Note.
IM	3	Data Refresh; PostalCode addition
JE	2	Data Refresh; PostalCode addition
KR	413	Data Refresh; PostalCode & entries addition

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LV	7942	Country Review: Massive ID changed due to AdministrativeArea re-structuring (from 119 down to 43 now). Refer more improvement details from DATA Release Note.
PL	227	Case Resolution (CAS-61305-C7B3Z2 & CAS-62605-J4C8Y8): PostalCode correction. Data Refresh; PostalCode addition
PR	2563	Country Review; Locality reduction due to removal of one conflicting source. Refer more improvement details from DATA Release Note.
TW	383	Data Refresh; PostalCode addition (5 digits postcode); Aliases addition. Refer more improvement details from DATA Release Note

Geographic Structure Changes

The following table describe changes to the country structures document.

Dataset	Description
United Arab Emirates	PostalCode from "No postalcode system" to "Y"
Italy	Locality from "Y" to "N"
Latvia	Locality from "Y" to "N"

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