

Loqate, A GBG Solution

Combined 2022 Q4.1 Release Notes

Verify API

2022Q4.1 Minor Release

Case Resolutions

Please visit <https://support.loqate.com/2022q4-1-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 2022Q4.1 release we have made one minor change to the API in relation to use of a virtual postcode in Hong Kong Addresses

Case Number	Change Description	Country
CAS-85019-Z9S9W4	All occurrence of 999077 in Hong Kong addresses would be removed before address verification.	Hong Kong

Local API Improvements

Case Number	Change Description	Category	Country	Example Address
CAS-85019-Z9S9W4	All occurrence of 999077 in Hong Kong addresses will be removed before address verification to prevent speed degredation	API	HK	Rm. 19c, lockhart ctr., 201-207 lockhart rd, wan chai, hong kong Hong Kong, 999077 HK

Before Image

Loqate Demonstration UI v2.44.1.16507-2df5b8c

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

Organization

Address2

Address1

Locality

AdministrativeArea

PostalCode

Country

DefaultCountry

CasingIgnoreFields

MaxResults

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

Clear Options Clear Input Clear Output Process

Output

Address Rm 19C Lockhart Centre 201-207 Lockhart Road Wan Chai Wan Chai District Hong Kong

Latitude

Longitude

Accuracy

Distance

Map This Location

Server Status: ssOK Process Status: psOK

After Image

Loqate Demonstration UI v2.44.1.16508-a4f3e7f

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

Organization

Address2

Address1

Locality

AdministrativeArea

PostalCode

Country

DefaultCountry

CasingIgnoreFields

MaxResults

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

Clear Options Clear Input Clear Output Process

Output

Address Rm 19C Lockhart Centre 201-207 Lockhart Road Wan Chai Wan Chai District Hong Kong

Latitude

Longitude

Accuracy

Distance

Map This Location

Server Status: ssOK Process Status: psOK

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 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.

Release Notes – Reference Data & Knowledge Base

2022Q4.1 Minor Release

Case Resolutions

Please visit <https://support.logate.com/2022q4-1-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 LogateSupport@gbgplc.com for further information.

Certification Expiration Dates

If you have purchased a certification product, 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	2022-11-28	2023-03-31
CASS Data	2022-11-15	2023-02-28
CASS (2) Data	2022-10-28	2023-01-31
SERP	2022-11-15	2022-12-15

Please check Install Manager for the latest versions of our certification data

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

Data Structure Changes

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

Country Rebuild / Refresh

Country	Description
Belgium	Improvement in address verification
Norway	Improvement in Premise parsing and verification. Added a new field 'Bolignummer' (residential number) and changed address format to include the new field.
Portugal	Improvement in address verification
Slovenia	Improvement in address parsing and verification
Spain	Improvement in address parsing and verification

Country Refresh Highlights

Belgium

Improvement in address verification.

2022Q4.0

Premise and Thoroughfare were not verified.

Loqate Demonstration UI v2.45.0.16505-6d8a6e1

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

ID

Organization

Address1 Kapellenweg

Locality 15

AdministrativeArea

PostalCode Lascheid

Country Belgium

OutputScript

ForceCountry

DefaultCountry

Clear Options Clear Input Clear Output Process

Output

Address Kapellenweg 15
Lascheid
4790 Burg-Reuland

Latitude

Longitude

Accuracy

Distance

Map This Location

Server Status: ssOK

Process Status: psOK

Output

Address Quality Index 1 Result Count 1

Address Verification Code V22424-P3-100

Organization Empty

SubBuilding Empty

Premise 15 Identified no change

Building Empty

PostBox Empty

Dependent Thoroughfare Empty

Thoroughfare Kapellenweg Identified context

DoubleDependentLocality Empty

DependentLocality Lascheid Verified no change

Locality Burg-Reuland Added

SubAdministrativeArea Verviers Added

AdministrativeArea Liège Added

SuperAdministrativeArea Wallonie Added

PostalCode 4790 Added

Country Belgium

ISO2 BE ISO3 BEL

Unmatched

Processed Time 00:00:00.03

Cache Stats

Shortcuts

View All

To Clipboard

2022Q4.1

Premise and Thoroughfare are now verified.

Loqate Demonstration UI v2.45.0.16505-6d8a6e1

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

ID

Organization

Address1 Kapellenweg

Locality 15

AdministrativeArea

PostalCode Lascheid

Country Belgium

OutputScript

ForceCountry

DefaultCountry

Clear Options Clear Input Clear Output Process

Output

Address Kapellenweg 15
Lascheid
4790 Burg-Reuland

Latitude

Longitude

Accuracy

Distance

Map This Location

Server Status: ssOK

Process Status: psOK

Output

Address Quality Index A Result Count 1

Address Verification Code V44444-P3-100

Organization Empty

SubBuilding Empty

Premise 15 Verified no change

Building Empty

PostBox Empty

Dependent Thoroughfare Empty

Thoroughfare Kapellenweg Verified no change

DoubleDependentLocality Empty

DependentLocality Lascheid Verified no change

Locality Burg-Reuland Added

SubAdministrativeArea Verviers Added

AdministrativeArea Liège Added

SuperAdministrativeArea Wallonie Added

PostalCode 4790 Added

Country Belgium

ISO2 BE ISO3 BEL

Unmatched

Processed Time 00:00:00.03

Cache Stats

Shortcuts

View All

To Clipboard

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Norway

- Improvements in Premise parsing and verification.
- Added a new field 'Bolignummer' (residential number) and changed address format to include the new field.

2022Q4.0

Premise suffix was incorrectly parsed to SubBuilding and Premise was incorrectly verified.

Loqate Demonstration UI v2.45.0.16505-6d8a6e1

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

ID

Organization

Address1 Gommerudveien 6E

Locality Rykkinn

AdministrativeArea

PostalCode 1348

Country NO

CertifiedCountryList

ForceCountry

ActiveCassLibrary

Clear Options Clear Input Clear Output Process

Output

Address E Gommerudveien 6A 1348 Rykkinn

Latitude

Longitude

Accuracy

Distance

Map This Location

Server Status: ssOK

Process Status: psOK

Output

Address Quality Index 1 Result Count 1

Address Verification Code V44-I55-P6-100

Organization Empty

SubBuilding E Identified no change

Premise 6A Verified alias change

Building Empty

PostBox Empty

DependentThoroughfare Empty

Thoroughfare Gommerudveien Verified no change

DoubleDependentLocality Empty

DependentLocality Empty

Locality Rykkinn Verified no change

SubAdministrativeArea Bærum Added

AdministrativeArea Viken Added

SuperAdministrativeArea Empty

PostalCode 1348 Verified no change

Country Norway

ISO2 NO ISO3 NOR

Unmatched

Processed Time 00:00:00.07

Cache Stats Shortcuts View All To Clipboard

2022Q4.1

Premise with suffix is now correctly parsed and verified.

Loqate Demonstration UI v2.45.0.16505-6d8a6e1

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

ID

Organization

Address1 Gommerudveien 6E

Locality Rykkinn

AdministrativeArea

PostalCode 1348

Country NO

CertifiedCountryList

ForceCountry

ActiveCassLibrary

Clear Options Clear Input Clear Output Process

Output

Address EE Gommerudveien 6E 1348 Rykkinn

Latitude

Longitude

Accuracy

Distance

Map This Location

Server Status: ssOK

Process Status: psOK

Output

Address Quality Index 1 Result Count 1

Address Verification Code P44-I44-P6-100

Organization Empty

SubBuilding Empty

Premise 6E Verified no change

Building Empty

PostBox Empty

DependentThoroughfare Empty

Thoroughfare Gommerudveien Verified no change

DoubleDependentLocality Empty

DependentLocality Empty

Locality Rykkinn Verified no change

SubAdministrativeArea Bærum Added

AdministrativeArea Viken Added

SuperAdministrativeArea Empty

PostalCode 1348 Verified no change

Country Norway

ISO2 NO ISO3 NOR

Unmatched

Processed Time 00:00:00.00

Cache Stats Shortcuts View All To Clipboard

Bolignummer, Premise, and SubBuilding were incorrectly parsed and displayed in Address field.

The screenshot shows the Loqate Demonstration UI v2.45.0.16505-6d8a6e1. The input data includes ID, Organization, Address1 (H0001 Gommerudveien 6E L29), Locality (Rykkinn), AdministrativeArea, PostalCode (1348), and Country (NO). The output shows the Address field containing 'Gommerudveien 6E L29 H 0001 1348 Rykkinn', where the Bolignummer (H 0001) and Premise (6E L29) are incorrectly included. The SubBuilding field is empty. The Address Verification Code is U00-125-P2-100. The Output section shows the Address field with the same incorrect parsing. The Server Status is ssOK and the Process Status is psOK.

Bolignummer field not added thus incorrectly parsed to other field(s).

Bolignummer, Premise, and SubBuilding now correctly parsed and displayed in Address field.

The screenshot shows the Loqate Demonstration UI v2.45.0.16505-6d8a6e1. The input data includes ID, Organization, Address1 (H0001 Gommerudveien 6E L29), Locality (Rykkinn), AdministrativeArea, PostalCode (1348), and Country (NO). The output shows the Address field containing 'H0001 Gommerudveien 6E L29 1348 Rykkinn', where the Bolignummer (H0001), Premise (6E L29), and SubBuilding (1348) are correctly included. The Address Verification Code is U00-155-P2-100. The Output section shows the Address field with the same correct parsing. The Server Status is ssOK and the Process Status is psOK.

Bolignummer field now added thus parsed correctly.

Results	
Reverse Grid	
	1
Address3	1348 Rykkinn
AddressFormat	Building SubBuilding Thoroughfare Premise PostalCode Locality
AQI	E
AVC	U00-I25-P2-100
Building	Gommerudveien
CountryName	Norway
DeliveryAddress	Gommerudveien 6E L29 H 0001
DeliveryAddress1	Gommerudveien 6E L29 fsIdentifiedNoChange M:0
DeliveryAddress2	H 0001
DeliveryAddressFormat	Building SubBuilding Thoroughfare Premise
HyphenClass	A
ISO3166-2	NO
ISO3166-3	NOR
ISO3166-N	578
Locality	Rykkinn
PostalCode	1348
PostalCodePrimary	1348
Premise	0001
PremiseNumber	0001
SubBuilding	6E L29
Thoroughfare	H

Results	
Reverse Grid	
	1
AVC	V55-I55-P6-100
Bolignummer	H0001
CountryName	Norway fsVerifiedNoChange [Context,,375,80][Context,,376,30][Context,,375,80][Co
DeliveryAddress	H0001 Gommerudveien 6E L29
DeliveryAddress1	H0001
DeliveryAddress2	Gommerudveien 6E L29
DeliveryAddressFormat	Bolignummer Thoroughfare Premise SubBuilding
HyphenClass	A
ISO3166-2	NO
ISO3166-3	NOR
ISO3166-N	578
Locality	Rykkinn
MatchRuleLabel	V1a
PostalCode	1348
PostalCodePrimary	1348
Premise	6E
PremiseNumber	6E
SubAdministrativeArea	Bærum
SubBuilding	L29
SubBuildingNumber	L29
Thoroughfare	Gommerudveien

Portugal

Improvement in address verification.

2022Q4.0

Premise and Thoroughfare were not verified.

Loqate Demonstration UI v2.43.1.16124-20c8f7e

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

ID

Organization

Address1

Locality

AdministrativeArea

PostalCode

Country

OutputScript

MaxResults

DefaultCountry

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

Clear Options Clear Input Clear Output Process

Output

Address Avenida D João II Lt 10323 Parque Das Nações 1998-031 Lisboa

Latitude

Longitude

Accuracy

Distance

Map This Location

Address Quality Index C 1 Result Count 1

Address Verification Code P22-I44-P2-100

Organization

SubBuilding

Premise Lt 10323 Identified alias

Building

PostBox

DependentThoroughfare

Thoroughfare Avenida D João II Identified alias

DoubleDependentLocality

DependentLocality Parque Das Nações Identified no change

Locality Lisboa Verified no change

SubAdministrativeArea

AdministrativeArea Lisboa Verified no change

SuperAdministrativeArea

PostalCode 1998-031 Identified no change

Country Portugal

ISO2 PT ISO3 PRT

Unmatched

Processed Time 00:00:00.05

Shortcuts View All To Clipboard

Server Status: ssOK Process Status: psOK

2022Q4.1

Premise and Thoroughfare are now verified.

Loqate Demonstration UI v2.43.1.16124-20c8f7e

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

ID

Organization

Address1

Locality

AdministrativeArea

PostalCode

Country

OutputScript

MaxResults

DefaultCountry

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

Clear Options Clear Input Clear Output Process

Output

Address Avenida Dom João II Lt 1032 Parque Das Nações 1990-092 Lisboa

Latitude

Longitude

Accuracy

Distance

Map This Location

Address Quality Index C 1 Result Count 1

Address Verification Code V42-I44-P4-091

Organization

SubBuilding

Premise Lt 10323 Verified alias change

Building

PostBox

DependentThoroughfare

Thoroughfare Avenida Dom João II Verified small change

DoubleDependentLocality

DependentLocality Parque Das Nações Identified no change

Locality Lisboa Verified no change

SubAdministrativeArea

AdministrativeArea Lisboa Verified no change

SuperAdministrativeArea

PostalCode 1990-092 Verified large change

Country Portugal

ISO2 PT ISO3 PRT

Unmatched

Processed Time 00:00:00.04

Shortcuts View All To Clipboard

Server Status: ssOK Process Status: psOK

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Slovenia

Improvement in address parsing and verification.

2022Q4.0

Organization, Premise and Thoroughfare were not parsed into their respective fields.

Loqate Demonstration UI v2.45.0.16505-6d8a6e1

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

ID

Premise

Address1

Locality

AdministrativeArea

PostalCode

Country

Output Script

ForceCountry

DefaultCountry

Output

Address

Latitude

Longitude

Accuracy

Distance

Map This Location

Address Quality Index

Address Verification Code

Organization

SubBuilding

Premise

Building

PostBox

Dependent Thoroughfare

DoubleDependent Locality

Dependent Locality

Locality

SubAdministrativeArea

AdministrativeArea

SuperAdministrativeArea

PostalCode

Country

ISO2

ISO3

Unmatched

Processed Time

Cache Stats

Shortcuts

View All

To Clipboard

Server Status: ssOK

Process Status: psOK

2022Q4.1

Organization, Premise and Thoroughfare are now parsed into their respective fields.
Premise and Thoroughfare are now verified.

Loqate Demonstration UI v2.45.0.16505-6d8a6e1

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

ID

Premise

Address1

Locality

AdministrativeArea

PostalCode

Country

Output Script

ForceCountry

DefaultCountry

Output

Address

Latitude

Longitude

Accuracy

Distance

Map This Location

Address Quality Index

Address Verification Code

Organization

SubBuilding

Premise

Building

PostBox

Dependent Thoroughfare

DoubleDependent Locality

Dependent Locality

Locality

SubAdministrativeArea

AdministrativeArea

SuperAdministrativeArea

PostalCode

Country

ISO2

ISO3

Unmatched

Processed Time

Cache Stats

Shortcuts

View All

To Clipboard

Server Status: ssOK

Process Status: psOK

Spain

Improvement in address parsing and verification.

2022Q4.0

Premise was not verified.

Loqate Demonstration UI v2.43.0.16109-4c1232d

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

ID [] Sessions [] Address [PASEO CASTELLANA 39]

Locality [MADRID] AdministrativeArea [] PostalCode [8034] Country [Spain]

OutputScript [] Parse [] Verify [] ForceCountry [] Match [] Search [] DefaultCountry [] Format [] Geocode [] Enhance []

Clear Options Clear Input Clear Output Process

Output

Address [Paseo De La Castellana 39 08034 MADRID (Madrid)] Latitude [] Longitude [] Accuracy [] Distance [] Map This Location

Address Quality Index [B] 1 Result Count 50

Address Verification Code [A33-I44-P2-100]

Organization [] Empty

Sub-Building [] Empty

Premise [39] Identified no change

Building [] Empty

PostBox [] Empty

DependentThoroughfare [] Empty

Thoroughfare [Paseo De La Castellana] Verified alias change

DoubleDependentLocality [] Empty

DependentLocality [] Empty

Locality [MADRID] Verified no change

SubAdministrativeArea [Area Metropolitana] Added

AdministrativeArea [Madrid] Added

SuperAdministrativeArea [Comunidad De Madrid] Added

PostalCode [08034] Identified alias

Country [Spain]

ISO2 [ES] ISO3 [ESP]

Unmatched []

Processed Time [00:00:00.27]

Shortcuts View All To Clipboard

Server Status: ssOK Process Status: psOK

2022Q4.1

Premise now verified.

Loqate Demonstration UI v2.43.0.16109-4c1232d

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

ID [] Organization [] Address [PASEO CASTELLANA 39]

Locality [MADRID] AdministrativeArea [] PostalCode [8034] Country [Spain]

OutputScript [] Parse [] Verify [] ForceCountry [] Match [] Search [] DefaultCountry [] Format [] Geocode [] Enhance []

Clear Options Clear Input Clear Output Process

Output

Address [Paseo De La Castellana 39 28046 MADRID Madrid] Latitude [] Longitude [] Accuracy [] Distance [] Map This Location

Address Quality Index [D] 1 Result Count 1

Address Verification Code [I44-I44-P4-035]

Organization [] Empty

Sub-Building [] Empty

Premise [39] Verified no change

Building [] Empty

PostBox [] Empty

DependentThoroughfare [] Empty

Thoroughfare [Paseo De La Castellana] Verified alias change

DoubleDependentLocality [] Empty

DependentLocality [] Empty

Locality [MADRID] Verified no change

SubAdministrativeArea [Area Metropolitana] Added

AdministrativeArea [Madrid] Added

SuperAdministrativeArea [Comunidad De Madrid] Added

PostalCode [28046] Verified large change

Country [Spain]

ISO2 [ES] ISO3 [ESP]

Unmatched []

Processed Time [00:00:00.14]

Shortcuts View All To Clipboard

Server Status: ssOK Process Status: psOK

Thoroughfare was incorrectly verified.

Loqate Demonstration UI v2.43.0.16109-4c1232d

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

ID

Address2

Address

Locality

AdministrativeArea

PostalCode

Country

OutputScript ☐ Parse ☒ Verify

ForceCountry ☐ Match ☐ Search

DefaultCountry ☐ Format ☐ Geocode ☐ Enhance

Clear Options Clear Input Clear Output Process

Output

Address Avenida De La Paz 11500 EL PUERTO DE SAN

Latitude

Longitude

Accuracy

Distance

Map This Location

Address Quality Index 1 Result Count 1

Address Verification Code P32-I33-P6-081

Organization

SubBuilding

Premise

Building

PostBox

DependentThoroughfare

Thoroughfare Avenida De La Paz Verified large change

DoubleDependentLocality

DependentLocality Valdelagana Verified large change

Locality EL PUERTO DE SANTA MARIA Verified no change

SubAdministrativeArea Bahía De Cádiz Added

AdministrativeArea Cádiz Verified alias change

SuperAdministrativeArea Andalucía Added

PostalCode 11500 Verified no change

Country Spain

ISO2 ES ISO3 ESP

Unmatched

Processed Time 00:00:00.04

Shortcuts View All To Clipboard

Server Status: ssOK Process Status: psOK

Thoroughfare is now correctly verified.

Loqate Demonstration UI v2.43.0.16109-4c1232d

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

ID

Address2

Address

Locality

AdministrativeArea

PostalCode

Country

OutputScript ☐ Parse ☒ Verify

ForceCountry ☐ Match ☐ Search

DefaultCountry ☐ Format ☐ Geocode ☐ Enhance

Clear Options Clear Input Clear Output Process

Output

Address Avenida De Santa Maria 11500 EL PUERTO DE SAN

Latitude

Longitude

Accuracy

Distance

Map This Location

Address Quality Index 1 Result Count 1

Address Verification Code P33-I33-P6-100

Organization

SubBuilding

Premise

Building

PostBox

DependentThoroughfare

Thoroughfare Avenida De Santa Maria Verified alias change

DoubleDependentLocality

DependentLocality

Locality EL PUERTO DE SANTA MARIA Verified no change

SubAdministrativeArea Bahía De Cádiz Added

AdministrativeArea Cádiz Verified alias change

SuperAdministrativeArea Andalucía Added

PostalCode 11500 Verified no change

Country Spain

ISO2 ES ISO3 ESP

Unmatched

Processed Time 00:00:00.00

Shortcuts View All To Clipboard

Server Status: ssOK Process Status: psOK

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Case Resolutions

2022Q4.1 Data related Case Fixes

Case Number	Change Description	Category	Country	Example Address
CAS-84097-P2B5D4	AdministrativeArea code is now parsed into the correct field.	Data	KR	Address 1: 탑동로 26 (삼도이동) Locality: 제주시 AdministrativeArea: KR-49 PostalCode: 63166 Country: KR

Before Image

Loqate Demonstration UI v2.44.1.16421-d320dca

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

ID

Address2

Address1

Locality

AdministrativeArea

PostalCode

Country

OutputScript

ForceCountry

DefaultCountry

Clear Options Clear Input Clear Output Process

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

Cache Stats

Shortcuts

View All

To Clipboard

Map This Location

Server Status: ssOK

Process Status: psOK

After Image

Loqate Demonstration UI v2.44.1.16421-d320dca

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

ID

Address2

Address1

Locality

AdministrativeArea

PostalCode

Country

OutputScript

ForceCountry

DefaultCountry

Clear Options Clear Input Clear Output Process

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

Cache Stats

Shortcuts

View All

To Clipboard

Map This Location

Server Status: ssOK

Process Status: psOK

Case Number	Change Description	Category	Country	Example Address
CAS-85207-P5Y6Q0	Improvement of thoroughfare parsing	Data	KR	Address1: 1100로 3213-27 (노형동) Locality: 제주시 AdministrativeArea: KR-49 PostalCode: 63092 Country: KR

Before Image

Loqate Demonstration UI v2.44.1.16421-d320dca

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

ID

Address2

Address1

Locality

AdministrativeArea

PostalCode

Country

OutputScript ☐ Parse ☒ Verify

ForceCountry ☐ Match ☐ Search

DefaultCountry ☐ Format ☐ Geocode ☐ Enhance

Clear Options Clear Input Clear Output Process

Output

Address Quality Index 1 Result Count 1

Address Verification Code P22-I44-P6-100

Organization

SubBuilding

Premise 3213-27 Identified no change

Building

PostBox

DependentThoroughfare

Thoroughfare 4949제주1100로 Identified alias

DoubleDependentLocality

DependentLocality 노형동 Identified no change

Locality 제주시 Added

SubAdministrativeArea

AdministrativeArea 제주특별자치도 Added

SuperAdministrativeArea

PostalCode 63092 Verified no change

Country Korea, Republic Of

ISO2 KR ISO3 KOR

Unmatched

Processed Time 00:00:00.01

Cache Stats Shortcuts View All To Clipboard

Output

Address 제주특별자치도 제주시 4949제주1100로 3213-27 Latitude

Longitude

Accuracy

Distance

Map This Location

Server Status: ssOK Process Status: psOK

After Image

Loqate Demonstration UI v2.44.1.16421-d320dca

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

ID

Address2

Address1

Locality

AdministrativeArea

PostalCode

Country

OutputScript ☐ Parse ☒ Verify

ForceCountry ☐ Match ☐ Search

DefaultCountry ☐ Format ☐ Geocode ☐ Enhance

Clear Options Clear Input Clear Output Process

Output

Address Quality Index 1 Result Count 1

Address Verification Code V44-I44-P6-086

Organization

SubBuilding

Premise 3213-27 Verified no change

Building 에코피아2차 Added

PostBox

DependentThoroughfare

Thoroughfare 1100로 Verified no change

DoubleDependentLocality

DependentLocality 노형동 Verified no change

Locality 제주시 Verified no change

SubAdministrativeArea

AdministrativeArea 제주특별자치도 Verified large change

SuperAdministrativeArea

PostalCode 63092 Verified no change

Country Korea, Republic Of

ISO2 KR ISO3 KOR

Unmatched

Processed Time 00:00:00.04

Cache Stats Shortcuts View All To Clipboard

Output

Address 제주특별자치도 제주시 1100로 3213-27 Latitude

Longitude

Accuracy

Distance

Map This Location

Server Status: ssOK Process Status: psOK

Case Number	Change Description	Category	Country	Example Address
CAS-79875-S5Z5L3	Improvement of geocode accuracy	Data	US	Address1: 6490 MOUNT MORIAH ROAD EXT, MEMPHIS, Tennessee, 38115 Country: US

Before Image	After Image
Loqate Demonstration UI v2.45.0.16505-6d8a6e1 GKR Verify Autocomplete Query Log Analysis ReverseGeocode Input Data ID [] Organization [] Address [6490 MOUNT MORIAH ROAD EXT, MEMPHIS, Tennessee, 38115] Locality [] AdministrativeArea [] PostalCode [] Country [US] OutputScript [] Parse [] Verify [] ForceCountry [] Match [] Search [] DefaultCountry [] Format [] Geocode [] Enhance [] Clear Options Clear Input Clear Output Process Output Address [6490 Mount Moriah Road Ext Memphis TN 38115-3842] Latitude [35.065220] Longitude [-89.847540] Accuracy [14] Distance [8.5] Map This Location Server Status: ssOK Process Status: psOK	Loqate Demonstration UI v2.45.0.16505-6d8a6e1 GKR Verify Autocomplete Query Log Analysis ReverseGeocode Input Data ID [] Organization [] Address [6490 MOUNT MORIAH ROAD EXT, MEMPHIS, Tennessee, 38115] Locality [] AdministrativeArea [] PostalCode [] Country [US] OutputScript [] Parse [] Verify [] ForceCountry [] Match [] Search [] DefaultCountry [] Format [] Geocode [] Enhance [] Clear Options Clear Input Clear Output Process Output Address [6490 Mount Moriah Road Ext Memphis Tn 38115-3842] Latitude [35.065620] Longitude [-89.846730] Accuracy [P4] Distance [0.0] Map This Location Server Status: ssOK Process Status: psOK

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Case Number	Change Description	Category	Country	Example Address
CAS-84795-X8R2W3	Improvement in address parsing and correction of output address format	Data	NO	<u>1st address:</u> Address1: Gommerudveien 6E, Locality: Rykkinn, PostalCode: 1348 Country: NO <u>2nd address:</u> Address1: Dyre Halses gate 14 L29, Locality: Trondheim, PostalCode: 7042 Country: NO <u>3rd address:</u> Address1: Å†rfuglveien 45 2b, Locality: Kristiansand S, PostalCode: 4623 Country: NO

Before Image

Loqate Demonstration UI v2.45.0.16505-6d8a6e1

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

ID [] Organization [] Address1 [Gommerudveien 6E]

Locality [Rykkinn] AdministrativeArea [] PostalCode [1348] Country [NO]

CertifiedCountryList [] Parse [] Verify [x] ForceCountry [] Match [] Search [] Geocode [] ActiveCassLibrary [] Format [] Enhance []

Clear Options Clear Input Clear Output Process

Output

Address Quality Index [8] 1 Result Count 1

Address Verification Code [V44-I55-P6-096]

Organization [] Empty

SubBuilding [E] Identified no change

Premise [6A] Verified alias change

Building [] Empty

PostBox [] Empty

DependentThoroughfare [] Empty

Thoroughfare [Gommerudveien] Verified no change

DoubleDependentLocality [] Empty

DependentLocality [] Empty

Locality [Rykkinn] Verified small change

SubAdministrativeArea [Baerum] Added

AdministrativeArea [Viken] Added

SuperAdministrativeArea [] Empty

PostalCode [1348] Verified no change

Country [Norway]

ISO2 [NO] ISO3 [NOR]

Unmatched []

Processed Time [00:00:00.05]

Cache Stats Shortcuts View All To Clipboard

Output

Address [Gommerudveien 6A, 1348 Rykkinn] Latitude [] Longitude [] Accuracy [] Distance [] Map This Location

Server Status: ssOK Process Status: psOK

After Image

Loqate Demonstration UI v2.45.0.16505-6d8a6e1

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

ID [] Organization [] Address1 [Gommerudveien 6E]

Locality [Rykkinn] AdministrativeArea [] PostalCode [1348] Country [NO]

CertifiedCountryList [] Parse [] Verify [x] ForceCountry [] Match [] Search [] Geocode [] ActiveCassLibrary [] Format [] Enhance []

Clear Options Clear Input Clear Output Process

Output

Address Quality Index [8] 1 Result Count 1

Address Verification Code [P44-I44-P6-096]

Organization [] Empty

SubBuilding [] Empty

Premise [6E] Verified no change

Building [] Empty

PostBox [] Empty

DependentThoroughfare [] Empty

Thoroughfare [Gommerudveien] Verified no change

DoubleDependentLocality [] Empty

DependentLocality [] Empty

Locality [Rykkinn] Verified small change

SubAdministrativeArea [Baerum] Added

AdministrativeArea [Viken] Added

SuperAdministrativeArea [] Empty

PostalCode [1348] Verified no change

Country [Norway]

ISO2 [NO] ISO3 [NOR]

Unmatched []

Processed Time [00:00:00.04]

Cache Stats Shortcuts View All To Clipboard

Output

Address [Gommerudveien 6E, 1348 Rykkinn] Latitude [] Longitude [] Accuracy [] Distance [] Map This Location

Server Status: ssOK Process Status: psOK

Loqate Demonstration UI v2.45.0.16505-6d8a6e1

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

ID

Organization

Address1

Locality

AdministrativeArea

PostalCode

Country

CertifiedCountryList

ForceCountry

ActiveCassLibrary

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

Clear Options Clear Input Clear Output Process

Output

Address

Latitude

Longitude

Accuracy

Distance

Map This Location

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 Added

Locality Verified no change

SubAdministrativeArea Added

AdministrativeArea Added

SuperAdministrativeArea

PostalCode Verified no change

Country

ISO2 ISO3

Unmatched

Processed Time

Cache Stats Shortcuts View All To Clipboard

Server Status: ssOK Process Status: psOK

Loqate Demonstration UI v2.45.0.16505-6d8a6e1

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

ID

Organization

Address1

Locality

AdministrativeArea

PostalCode

Country

CertifiedCountryList

ForceCountry

ActiveCassLibrary

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

Clear Options Clear Input Clear Output Process

Output

Address

Latitude

Longitude

Accuracy

Distance

Map This Location

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 Added

Locality Verified no change

SubAdministrativeArea Added

AdministrativeArea Added

SuperAdministrativeArea

PostalCode Verified no change

Country

ISO2 ISO3

Unmatched

Processed Time

Cache Stats Shortcuts View All To Clipboard

Server Status: ssOK Process Status: psOK

Loqate Demonstration UI v2.45.0.16505-6d8a6e1

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

ID

Organization

Address1

Locality

AdministrativeArea

PostalCode

Country

CertifiedCountryList ☐ Parse ☒ Verify

ForceCountry ☐ Match ☐ Search

ActiveCassLibrary ☐ Format ☐ Geocode ☐ Enhance

Clear Options Clear Input Clear Output Process

Output

Address Latitude

4623 Kristiansand S Longitude

Accuracy

Distance

Map This Location

Address Quality Index 1 Result Count 1

Address Verification Code V44-I45-P6-100

Organization Empty

SubBuilding 2B Identified context

Premise 45 Verified no change

Building Empty

PostBox Empty

DependentThoroughfare Empty

Thoroughfare Årftuglveien Verified alias change

DoubleDependentLocality Empty

DependentLocality Møvik Added

Locality Kristiansand S Verified no change

SubAdministrativeArea Kristiansand Added

AdministrativeArea Agder Added

SuperAdministrativeArea Empty

PostalCode 4623 Verified no change

Country Norway

ISO2 NO ISO3 NOR

Unmatched

Processed Time 00:00:00.02

Cache Stats Shortcuts View All To Clipboard

Server Status: ssOK Process Status: psOK

Loqate Demonstration UI v2.45.0.16505-6d8a6e1

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

ID

Organization

Address1

Locality

AdministrativeArea

PostalCode

Country

CertifiedCountryList ☐ Parse ☒ Verify

ForceCountry ☐ Match ☐ Search

ActiveCassLibrary ☐ Format ☐ Geocode ☐ Enhance

Clear Options Clear Input Clear Output Process

Output

Address Latitude

4623 Kristiansand S Longitude

Accuracy

Distance

Map This Location

Address Quality Index 1 Result Count 1

Address Verification Code V44-I55-P6-100

Organization Empty

SubBuilding 2B Identified no change

Premise 45 Verified no change

Building Empty

PostBox Empty

DependentThoroughfare Empty

Thoroughfare Årftuglveien Verified alias change

DoubleDependentLocality Empty

DependentLocality Møvik Added

Locality Kristiansand S Verified no change

SubAdministrativeArea Kristiansand Added

AdministrativeArea Agder Added

SuperAdministrativeArea Empty

PostalCode 4623 Verified no change

Country Norway

ISO2 NO ISO3 NOR

Unmatched

Processed Time 00:00:00.04

Cache Stats Shortcuts View All To Clipboard

Server Status: ssOK Process Status: psOK

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Case Number	Change Description	Category	Country	Example Address
CAS-78188-V4B1T9	Addition of AdministrativeAreaISO2 code "BE-BRU" for Brussels	Data	BE	Address1: Rue Paul Gauguin 24 Address2: 1140 Locality: Evere AdministrativeArea: Région De Bruxelles-Capitale Country: Belgium

Before Image

Loqate Demonstration UI v2.44.0.16383-1151b07

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

Address2 1140

Organization

Address1 Rue Paul Gauguin 24

Locality Evere

AdministrativeArea Région Bruxelles-Capitale

PostalCode

Country belgium

PreferPrimaryValidAlias ☐ Parse ☒ Verify

StricReferenceMatch ☐ Match ☐ Search

OutputScript ☐ Format ☐ Geocode ☒ Enhance

Clear Options Clear Input Clear Output Process

Output

Address Rue Paul Gauguin 24
1140 Evere

Latitude

Longitude

Accuracy

Distance

Map This Location

Server Status: ssOK

Process Status: psOK

Reverse Grid

Reverse Grid	1
Address	Verify LOGOUT PUT + Yes C
Address1	Rue Paul Gauguin 24-BR-1
Address2	1140 Evere
AddressFormat	Thoroughfare Premise-BR-
AdministrativeArea	Région De Bruxelles-Capitale
AQI	B
AVC	V44-144-P6-099
CountryName	Belgium
DeliveryAddress	Rue Paul Gauguin 24
DeliveryAddress1	Rue Paul Gauguin 24
DeliveryAddressFormat	Thoroughfare Premise
HyphenClass	C
ISO3166-2	BE
ISO3166-3	BEL
ISO3166-N	056
Locality	Evere
MatchRuleLabel	C1a 5
PostalCode	1140
PostalCodePrimary	1140
Premise	24
PremiseNumber	24
SubAdministrativeArea	Bruxelles-Capitale
SuperAdministrativeArea	Bruxelles
Thoroughfare	Rue Paul Gauguin
ThoroughfareLeadingType	Rue
ThoroughfareName	Paul Gauguin
ThoroughfareType	Rue

After Image

Loqate Demonstration UI v2.44.0.16383-1151b07

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

Address2 1140

Organization

Address1 Rue Paul Gauguin 24

Locality Evere

AdministrativeArea Région Bruxelles-Capitale

PostalCode

Country belgium

PreferPrimaryValidAlias ☐ Parse ☒ Verify

StricReferenceMatch ☐ Match ☐ Search

OutputScript ☐ Format ☐ Geocode ☒ Enhance

Clear Options Clear Input Clear Output Process

Output

Address Rue Paul Gauguin 24
1140 Evere

Latitude

Longitude

Accuracy

Distance

Map This Location

Server Status: ssOK

Process Status: psOK

Reverse Grid

Reverse Grid	1
Address	Verify LOGOUT PUT + Yes C
Address1	Rue Paul Gauguin 24-B
Address2	1140 Evere
AddressFormat	Thoroughfare Premise-
AdministrativeArea	Région De Bruxelles-Capitale
AdministrativeAreaISO2	BE BRU
AQI	B
AVC	V44-144-P6-099
CountryName	Belgium
DeliveryAddress	Rue Paul Gauguin 24
DeliveryAddress1	Rue Paul Gauguin 24
DeliveryAddressFormat	Thoroughfare Premise
HyphenClass	C
ISO3166-2	BE
ISO3166-3	BEL
ISO3166-N	056
Locality	Evere
MatchRuleLabel	C1a 1
PostalCode	1140
PostalCodePrimary	1140
Premise	24
PremiseNumber	24
SubAdministrativeArea	Bruxelles-Capitale
SuperAdministrativeArea	Bruxelles
Thoroughfare	Rue Paul Gauguin
ThoroughfareLeadingType	Rue
ThoroughfareName	Paul Gauguin

Case Number	Change Description	Category	Country	Example Address
CAS-79725-W3B4G8	Output capitalised AdministrativeArea when OutputScript=Latn	Data	MX	Address1: Av Costera Miguel Alemán 3128, Acapulco 39850 Country: MX

Before Image	After Image
Loqate Demonstration UI v2.44.1.16421-d320dca Input Data: ID, Organization, Address (Av Costera Miguel Alemán 3128, Acapulco 39850), Locality, AdministrativeArea, PostalCode, Country (MX), OutputScript (Latn), ForceCountry, DefaultCountry. Output: Address Quality Index (D), Address Verification Code (V44-144-P6-089), Organization, SubBuilding, Premise (3128), Building, PostBox, DependentThoroughfare (Av Costera Miguel Aleman), DoubleDependentLocality, DependentLocality (Fracc Costa Azul), Locality (Acapulco De Juarez), SubAdministrativeArea (Acapulco De Juarez), AdministrativeArea (Gro), SuperAdministrativeArea, PostalCode (39850), Country (Mexico), ISO2 (MX), ISO3 (MEX), Unmatched, Processed Time (00:00:00.00). Server Status: ssOK Process Status: psOK	Loqate Demonstration UI v2.44.1.16421-d320dca Input Data: ID, Organization, Address (Av Costera Miguel Alemán 3128, Acapulco 39850), Locality, AdministrativeArea, PostalCode, Country (MX), OutputScript (Latn), ForceCountry, DefaultCountry. Output: Address Quality Index (D), Address Verification Code (V44-144-P6-089), Organization, SubBuilding, Premise (3128), Building, PostBox, DependentThoroughfare (Av Costera Miguel Aleman), DoubleDependentLocality, DependentLocality (Fracc Costa Azul), Locality (Acapulco De Juarez), SubAdministrativeArea (Acapulco De Juarez), AdministrativeArea (GRO), SuperAdministrativeArea, PostalCode (39850), Country (Mexico), ISO2 (MX), ISO3 (MEX), Unmatched, Processed Time (00:00:00.10). Server Status: ssOK Process Status: psOK

Case Number	Change Description	Category	Country	Example Address
CAS-81836-G2C3J1	Improvement of Thoroughfare parsing	Data	CA	<u>1st Address</u> Address1: 9832 Rue Saint-Hubert Locality: MONTREAL AdministrativeArea: QC PostalCode: H2C 2H3 Country: CA <u>2nd Address</u> Address1: 1-1545 Rue Saint-Dominique Locality: MONTREAL AdministrativeArea: QC PostalCode: H2X 2W7 Country: CA

Before Image

Loqate Demonstration UI v2.45.0.16505-6d8a6e1

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

ID

Organization

Address 9832 Rue Saint-Hubert

Locality MONTREAL

AdministrativeArea QC

PostalCode H2C 2H3

Country CA

CombinedVerifyMethod OFF Parse Verify

ForceCountry Match Search

DefaultCountry Format Enhance

Clear Options Clear Input Clear Output Process

Output

Address Quality Index D 1 Result Count 1

Address Verification Code P22-I24-P6-088

Organization Empty

SubBuilding Empty

Premise 9832 Identified no change

Building Empty

PostBox Empty

DependentThoroughfare Empty

Thoroughfare Rue Identified context

DoubleDependentLocality Empty

DependentLocality Empty

Locality Montréal Verified large change

SubAdministrativeArea Montréal Verified alias change

AdministrativeArea QC Verified no change

SuperAdministrativeArea Empty

PostalCode H2C 2H3 Verified no change

Country Canada

ISO2 CA ISO3 CAN

Unmatched

Processed Time 00:00:00.08

Cache Stats Shortcuts View All To Clipboard

Server Status: ssOK Process Status: psOK

After Image

Loqate Demonstration UI v2.45.0.16505-6d8a6e1

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

ID

Organization

Address 9832 Rue Saint-Hubert

Locality MONTREAL

AdministrativeArea QC

PostalCode H2C 2H3

Country CA

CombinedVerifyMethod OFF Parse Verify

ForceCountry Match Search

DefaultCountry Format 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 9832 Verified no change

Building Empty

PostBox Empty

DependentThoroughfare Empty

Thoroughfare Rue Saint-Hubert Verified no change

DoubleDependentLocality Empty

DependentLocality Empty

Locality Montréal Verified alias change

SubAdministrativeArea Montréal Added

AdministrativeArea QC Verified no change

SuperAdministrativeArea Empty

PostalCode H2C 2H3 Verified no change

Country Canada

ISO2 CA ISO3 CAN

Unmatched

Processed Time 00:00:00.01

Cache Stats Shortcuts View All To Clipboard

Server Status: ssOK Process Status: psOK

Loqate Demonstration UI v2.45.0.16505-6d8a6e1

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

ID

Organization

Address

Locality

AdministrativeArea

PostalCode

Country

CombinedVerifyMethod ☐ Parse ☒ Verify

ForceCountry ☐ Match ☐ Search

DefaultCountry ☐ Format ☒ Geocode ☐ Enhance

Clear Options Clear Input Clear Output Process

Output

Address 1 1545 Rue Saint-Dominique QC H2X 2W7

Latitude 45.510920

Longitude -73.564247

Accuracy P2

Distance 0.0

Map This Location

Server Status: ssOK

Process Status: psOK

Output

Address Quality Index C 1 Result Count 1

Address Verification Code P22-144-P2-100

Organization

SubBuilding

Premise 1 Identified no change

Building

PostBox

DependentThoroughfare

Thoroughfare 1545 Rue Identified no change

DoubleDependentLocality

DependentLocality

Locality Saint-Dominique Verified no change

SubAdministrativeArea Montréal Identified no change

AdministrativeArea QC Verified no change

SuperAdministrativeArea

PostalCode H2X 2W7 Identified no change

Country Canada

ISO2 CA ISO3 CAN

Unmatched

Processed Time 00:00:00.03

Cache Stats Shortcuts View All To Clipboard

Loqate Demonstration UI v2.45.0.16505-6d8a6e1

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

ID

Organization

Address

Locality

AdministrativeArea

PostalCode

Country

CombinedVerifyMethod ☐ Parse ☒ Verify

ForceCountry ☐ Match ☐ Search

DefaultCountry ☐ Format ☒ Geocode ☐ Enhance

Clear Options Clear Input Clear Output Process

Output

Address 1-1545 Rue Saint-Dominique Montréal QC H2X 2W7

Latitude 45.510920

Longitude -73.564247

Accuracy I4

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-I55-P6-100

Organization

SubBuilding 1 Identified no change

Premise 1545 Verified no change

Building

PostBox

DependentThoroughfare

Thoroughfare Rue Saint-Dominique Verified no change

DoubleDependentLocality

DependentLocality

Locality Montréal Verified alias change

SubAdministrativeArea Montréal Added

AdministrativeArea QC Verified no change

SuperAdministrativeArea

PostalCode H2X 2W7 Verified no change

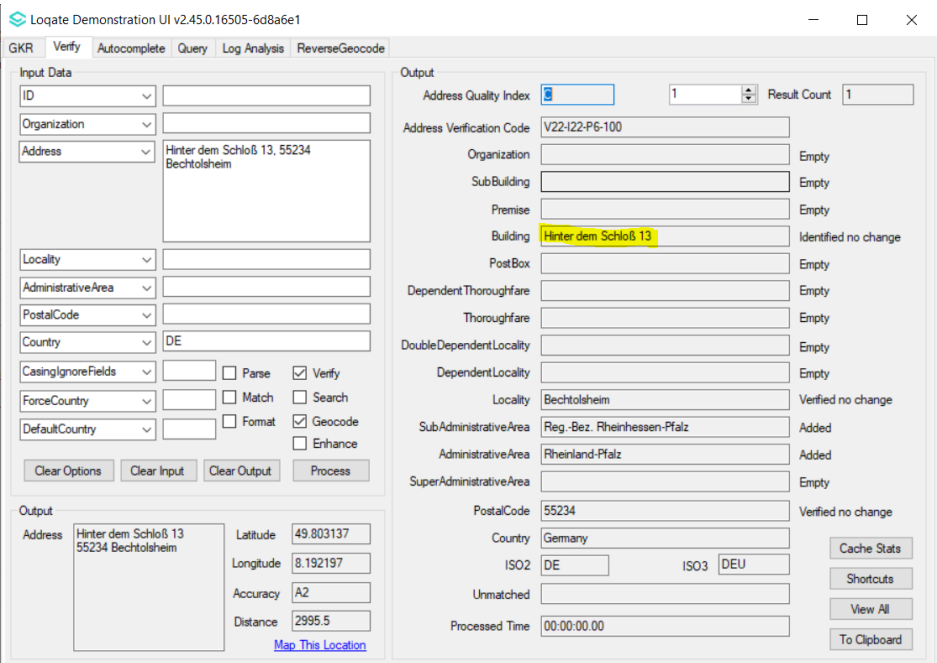
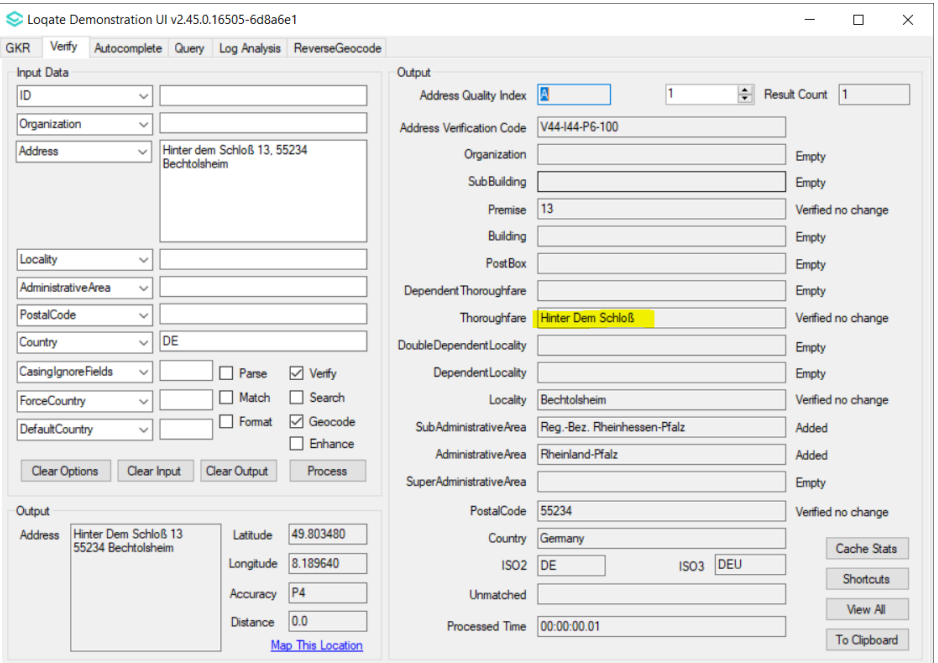
Country Canada

ISO2 CA ISO3 CAN

Unmatched

Processed Time 00:00:00.09

Cache Stats Shortcuts View All To Clipboard

Case Number	Change Description	Category	Country	Example Address
CAS-73501-G6Y6R2	Improvement of Thoroughfare parsing	Data	DE	Address1: Hinter dem Schloß 13, 55234 Bechtolsheim Country: DE
Before Image			After Image	
 Loqate Demonstration UI v2.45.0.16505-6d8a6e1 Input Data: ID, Organization, Address (Hinter dem Schloß 13, 55234 Bechtolsheim), Locality, AdministrativeArea, PostalCode, Country (DE), CasingIgnoreFields, ForceCountry, DefaultCountry. Output: Address Quality Index (1), Address Verification Code (V22-I22-P6-100), Organization, SubBuilding, Premise, Building (Hinter dem Schloß 13), PostBox, DependentThoroughfare, Thoroughfare, DoubleDependentLocality, DependentLocality, Locality (Bechtolsheim), SubAdministrativeArea (Reg.-Bez. Rheinhessen-Pfalz), AdministrativeArea (Rheinland-Pfalz), SuperAdministrativeArea, PostalCode (55234), Country (Germany), ISO2 (DE), ISO3 (DEU), Unmatched, Processed Time (00:00:00.00). Server Status: ssOK, Process Status: psOK			 Loqate Demonstration UI v2.45.0.16505-6d8a6e1 Input Data: ID, Organization, Address (Hinter dem Schloß 13, 55234 Bechtolsheim), Locality, AdministrativeArea, PostalCode, Country (DE), CasingIgnoreFields, ForceCountry, DefaultCountry. Output: Address Quality Index (1), Address Verification Code (V44-I44-P6-100), Organization, SubBuilding, Premise (13), Building, PostBox, DependentThoroughfare, Thoroughfare (Hinter Dem Schloß), DoubleDependentLocality, DependentLocality, Locality (Bechtolsheim), SubAdministrativeArea (Reg.-Bez. Rheinhessen-Pfalz), AdministrativeArea (Rheinland-Pfalz), SuperAdministrativeArea, PostalCode (55234), Country (Germany), ISO2 (DE), ISO3 (DEU), Unmatched, Processed Time (00:00:00.01). Server Status: ssOK, Process Status: psOK	

Case Number	Change Description	Category	Country	Example Address
CAS-73746-S6R3J3	Improvement of Thoroughfare parsing	Data	ES	<u>1st Address</u> Address1: Avenida Santa Maria Locality: El Puerto De Santa Maria AdministrativeArea: Cadiz PostalCode: 11500 Country: ES <u>2nd Address</u> Address1: Avenida Santa Maria De La Cabeza Locality: El Puerto De Santa Maria AdministrativeArea: Cadiz PostalCode: 11500 Country: ES

Before Image

Loqate Demonstration UI v2.43.0.16109-4c1232d

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 P32-133-P6-084

Organization

SubBuilding

Premise

Building

PostBox

DependentThoroughfare

Thoroughfare Avenida Santa María Del Mar Verified small change

DoubleDependentLocality

DependentLocality Valdelagrana Verified large change

Locality EL PUERTO DE SANTA MARÍA Verified alias change

SubAdministrativeArea Bahía De Cádiz Added

AdministrativeArea Cádiz Verified alias change

SuperAdministrativeArea Andalucía Added

PostalCode 11500 Verified no change

Country Spain

ISO2 ES ISO3 ESP

Unmatched

Processed Time 00:00:00.01

Shortcuts View All To Clipboard

Output

Address Avenida Santa María Del Ma 11500 EL PUERTO DE SAN

Latitude

Longitude

Accuracy

Distance

Map This Location

After Image

Loqate Demonstration UI v2.43.0.16109-4c1232d

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 P33-133-P6-100

Organization

SubBuilding

Premise

Building

PostBox

DependentThoroughfare

Thoroughfare Avenida Santa María De La Cabeza Verified no change

DoubleDependentLocality

DependentLocality

Locality EL PUERTO DE SANTA MARÍA Verified alias change

SubAdministrativeArea Bahía De Cádiz Added

AdministrativeArea Cádiz Verified alias change

SuperAdministrativeArea Andalucía Added

PostalCode 11500 Verified no change

Country Spain

ISO2 ES ISO3 ESP

Unmatched

Processed Time 00:00:00.01

Shortcuts View All To Clipboard

Output

Address Avenida Santa María De La 11500 EL PUERTO DE SAN

Latitude

Longitude

Accuracy

Distance

Map This Location

Loqate Demonstration UI v2.43.0.16109-4c1232d

GKR
Verify
Autocomplete
Query
Log Analysis
ReverseGeocode

Input Data

ID
Address2
Address
Avenida Santa María
Locality
EL PUERTO DE SANTA MARIA
AdministrativeArea
Cádiz
PostalCode
11500
Country
Spain
OutputScript
Parse
Verify
ForceCountry
Match
Search
DefaultCountry
Format
Geocode
Enhance
Clear Options
Clear Input
Clear Output
Process

Output

Address
Avenida De La Paz
11500 EL PUERTO DE SAN
Latitude
Longitude
Accuracy
Distance

Address Quality Index
D
1
Result Count
1

Address Verification Code
P32-I33-P6-081
Organization
Empty
SubBuilding
Empty
Premise
Empty
Building
Empty
PostBox
Empty
DependentThoroughfare
Empty
Thoroughfare
Avenida De La Paz
Verified large change
DoubleDependentLocality
Empty
DependentLocality
Valdelagrana
Verified large change
Locality
EL PUERTO DE SANTA MARIA
Verified no change
SubAdministrativeArea
Bahía De Cádiz
Added
AdministrativeArea
Cádiz
Verified alias change
SuperAdministrativeArea
Andalucía
Added
PostalCode
11500
Verified no change
Country
Spain
ISO2
ES
ISO3
ESP
Unmatched
Shortcuts
View All
Processed Time
00:00:00.04

Loqate Demonstration UI v2.43.0.16109-4c1232d

GKR
Verify
Autocomplete
Query
Log Analysis
ReverseGeocode

Input Data

ID
Address2
Address
Avenida Santa María
Locality
EL PUERTO DE SANTA MARIA
AdministrativeArea
Cádiz
PostalCode
11500
Country
Spain
OutputScript
Parse
Verify
ForceCountry
Match
Search
DefaultCountry
Format
Geocode
Enhance
Clear Options
Clear Input
Clear Output
Process

Output

Address
Avenida De Santa María
11500 EL PUERTO DE SAN
Latitude
Longitude
Accuracy
Distance

Address Quality Index
B
1
Result Count
1

Address Verification Code
P33-I33-P6-100
Organization
Empty
SubBuilding
Empty
Premise
Empty
Building
Empty
PostBox
Empty
DependentThoroughfare
Empty
Thoroughfare
Avenida De Santa María
Verified alias change
DoubleDependentLocality
Empty
DependentLocality
EL PUERTO DE SANTA MARIA
Verified no change
SubAdministrativeArea
Bahía De Cádiz
Added
AdministrativeArea
Cádiz
Verified alias change
SuperAdministrativeArea
Andalucía
Added
PostalCode
11500
Verified no change
Country
Spain
ISO2
ES
ISO3
ESP
Unmatched
Shortcuts
View All
Processed Time
00:00:00.00

Case Number	Change Description	Category	Country	Example Address
CAS-74312-H9G3S3	Correction of the PostalCode being verified	Data	HU	Address1: Szépvölgyi Út 6 /1025 Budapest Country: Hungary

Before Image

Loqate Demonstration UI v2.44.1.16421-d320dca

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

Address1

Address2

Address3

Locality

AdministrativeArea

PostalCode

Country

OutputScript

ForceCountry

DefaultCountry

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

Clear Options Clear Input Clear Output Process

Output

Address Budapest Szépvölgyi Út 6 1023 Latitude Longitude Accuracy Distance Map This Location

Address Quality Index Result Count

Address Verification Code V44-144-P4-094

Organization Empty

SubBuilding Empty

Premise Verified no change

Building Empty

PostBox Empty

DependentThoroughfare Empty

Thoroughfare Szépvölgyi Út Verified alias change

DoubleDependentLocality Empty

DependentLocality II. Kerület Added

Locality Budapest Verified no change

SubAdministrativeArea Empty

AdministrativeArea Budapest Added

SuperAdministrativeArea Közép-Magyarország Added

PostalCode Verified large change

Country Hungary

ISO2 HU ISO3 HUN

Unmatched

Processed Time 00:00:00.00

Cache Stats Shortcuts View All To Clipboard

Server Status: ssOK Process Status: psOK

After Image

Loqate Demonstration UI v2.44.1.16421-d320dca

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

Address1

Address2

Address3

Locality

AdministrativeArea

PostalCode

Country

OutputScript

ForceCountry

DefaultCountry

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

Clear Options Clear Input Clear Output Process

Output

Address Budapest Szépvölgyi Út 6 1025 Latitude Longitude Accuracy Distance Map This Location

Address Quality Index Result Count

Address Verification Code V44-144-P6-100

Organization Empty

SubBuilding Empty

Premise Verified no change

Building Empty

PostBox Empty

DependentThoroughfare Empty

Thoroughfare Szépvölgyi Út Verified alias change

DoubleDependentLocality Empty

DependentLocality II. Kerület Added

Locality Budapest Verified no change

SubAdministrativeArea Empty

AdministrativeArea Budapest Added

SuperAdministrativeArea Közép-Magyarország Added

PostalCode Verified no change

Country Hungary

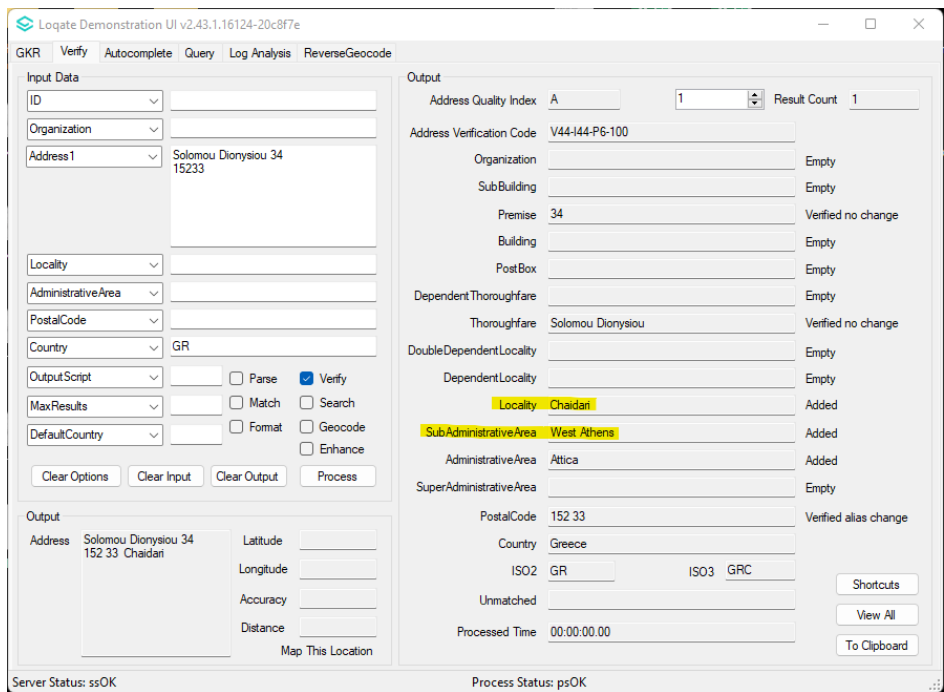
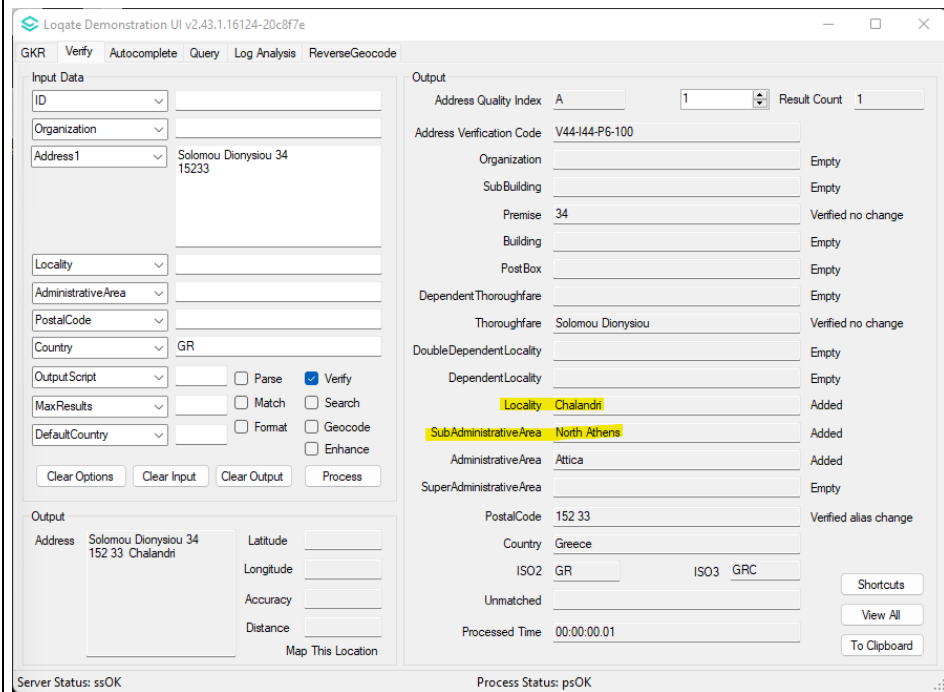
ISO2 HU ISO3 HUN

Unmatched

Processed Time 00:00:00.00

Cache Stats Shortcuts View All To Clipboard

Server Status: ssOK Process Status: psOK

Case Number	Change Description	Category	Country	Example Address
CAS-84099-C4D0D4	Correction of Locality added based on input PostalCode.	Data	GR	Address1: Solomou Dionysiou 34, 152 33 Country: GR
Before Image			After Image	
				

Case Number	Change Description	Category	Country	Example Address
CAS-83793-G8N6S3	Improvement of Thoroughfare and Premise verification	Data	US	Address1: 111 Abersham Dr Locality: Mooresville AdministrativeArea: NC PostalCode: 28115-0169 Country: US

Before Image

Loqate Demonstration UI v2.43.1.16124-20c8f7e

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

ID

Organization

Address1

Locality

AdministrativeArea

PostalCode

Country

OutputScript ☐ Parse ☒ Verify

MaxResults ☐ 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 P22-I44-P6-100

Organization Empty

SubBuilding Empty

Premise 111 Identified no change

Building Empty

PostBox Empty

DependentThoroughfare Empty

Thoroughfare Abersham Dr Identified no change

DoubleDependentLocality Empty

DependentLocality Empty

Locality Mooresville Verified no change

SubAdministrativeArea Iredell Added

AdministrativeArea NC Verified no change

SuperAdministrativeArea Empty

PostalCode 28115 Verified alias change

Country United States

ISO2 US ISO3 USA

Unmatched

Processed Time 00:00:00.03

Shortcuts View All To Clipboard

Map This Location

Server Status: ssOK Process Status: psOK

After Image

Loqate Demonstration UI v2.43.1.16124-20c8f7e

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

ID

Organization

Address1

Locality

AdministrativeArea

PostalCode

Country

OutputScript ☐ Parse ☒ Verify

MaxResults ☐ 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-P8-100

Organization Empty

SubBuilding Empty

Premise 111 Verified no change

Building Empty

PostBox Empty

DependentThoroughfare Empty

Thoroughfare Abersham Dr Verified no change

DoubleDependentLocality Empty

DependentLocality Empty

Locality Mooresville Verified no change

SubAdministrativeArea Iredell Added

AdministrativeArea NC Verified no change

SuperAdministrativeArea Empty

PostalCode 28115-0169 Verified no change

Country United States

ISO2 US ISO3 USA

Unmatched

Processed Time 00:00:00.00

Shortcuts View All To Clipboard

Map This Location

Server Status: ssOK Process Status: psOK

Case Number	Change Description	Category	Country	Example Address
CAS-88005-M8K9W6	Improvement of Thoroughfare and Premise verification	Data	US	Address1: 1615 Vista Del Lago, Fallbrook, CA 92028-1752 Country: US

Before Image

Loqate Demonstration UI v2.43.1.16124-20c8f7e

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

ID

Organization

Address1

Locality

AdministrativeArea

PostalCode

Country

OutputScript

MaxResults

DefaultCountry

Output

Address Quality Index C Result Count 1

Address Verification Code P22-I22-P6-100

Organization

SubBuilding 1615 Identified no change

Premise

Building

PostBox

DependentThoroughfare

Thoroughfare

DoubleDependentLocality

DependentLocality Vista Del Lago Identified no change

Locality Fallbrook Verified no change

SubAdministrativeArea San Diego Added

AdministrativeArea CA Verified no change

SuperAdministrativeArea

PostalCode 92028 Verified alias change

Country United States

ISO2 US ISO3 USA

Unmatched

Processed Time 00:00:00.04

Output

Address 1615 Vista Del Lago Fallbrook CA 92028

Latitude

Longitude

Accuracy

Distance

Server Status: ssOK Process Status: psOK

After Image

Loqate Demonstration UI v2.43.1.16124-20c8f7e

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

ID

Organization

Address1

Locality

AdministrativeArea

PostalCode

Country

OutputScript

MaxResults

DefaultCountry

Output

Address Quality Index A Result Count 1

Address Verification Code V44-I44-P8-100

Organization

SubBuilding

Premise 1615 Verified no change

Building

PostBox

DependentThoroughfare

Thoroughfare Vista Del Lago Verified no change

DoubleDependentLocality

DependentLocality

Locality Fallbrook Verified no change

SubAdministrativeArea San Diego Added

AdministrativeArea CA Verified no change

SuperAdministrativeArea

PostalCode 92028-1752 Verified no change

Country United States

ISO2 US ISO3 USA

Unmatched

Processed Time 00:00:00.00

Output

Address 1615 Vista Del Lago Fallbrook CA 92028-1752

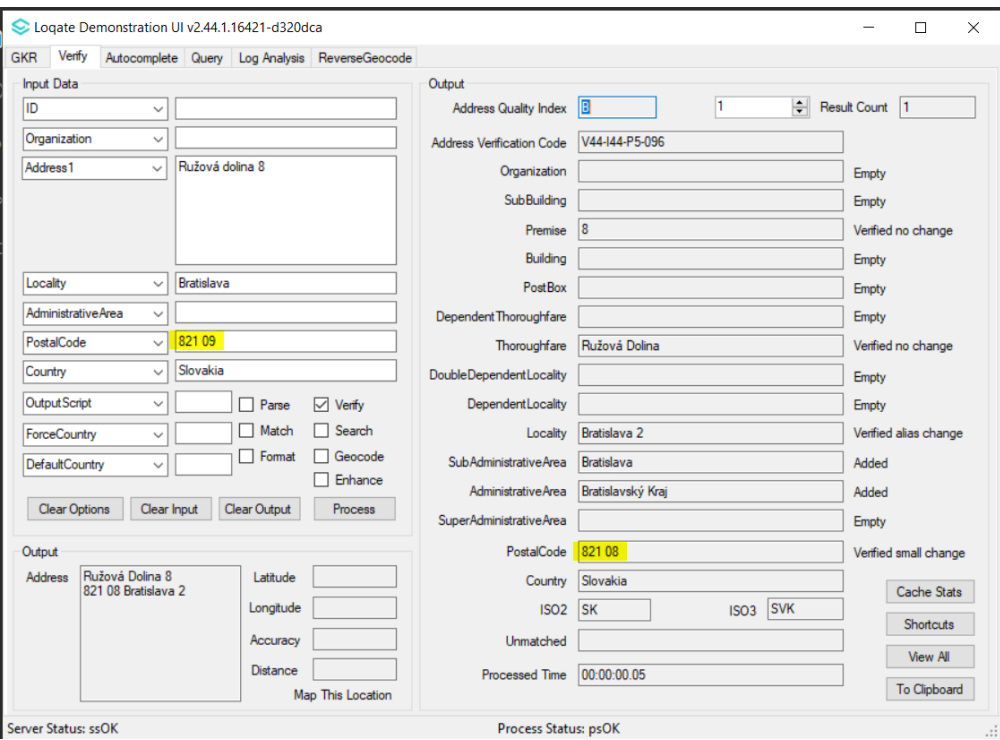
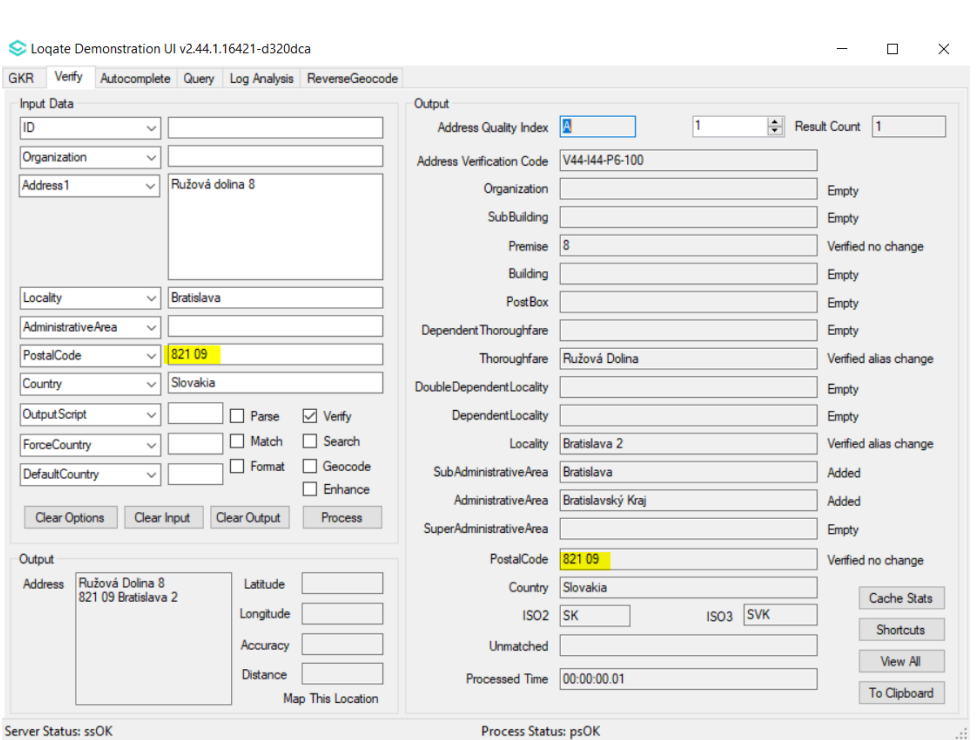
Latitude

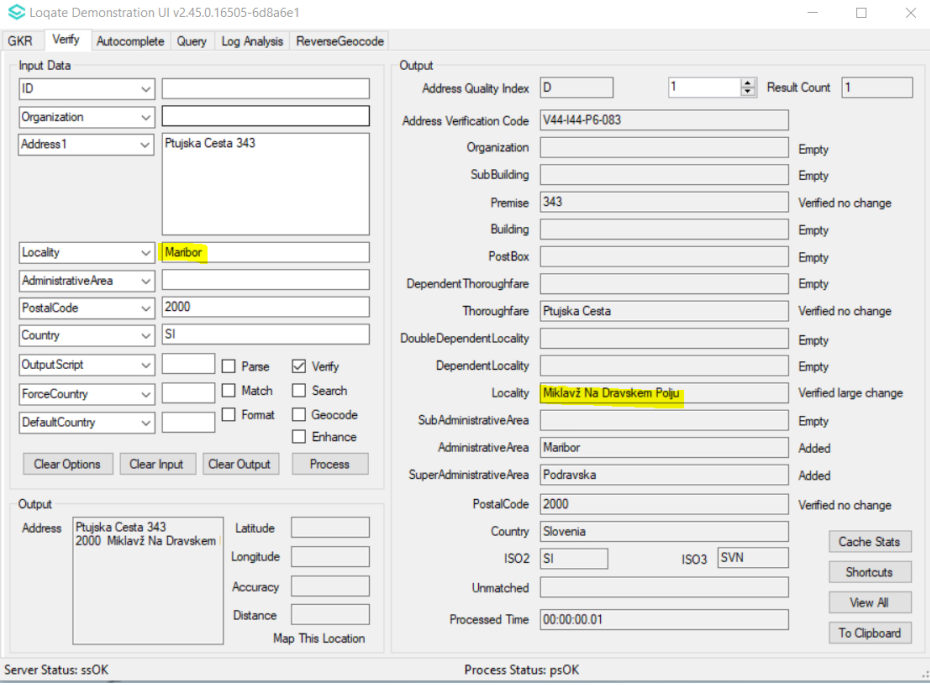
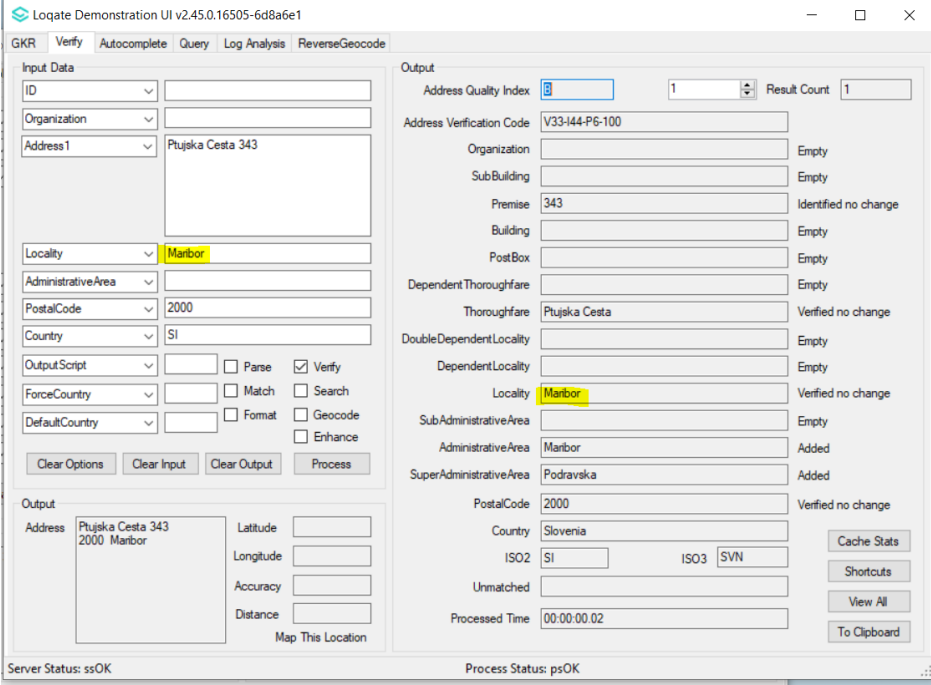
Longitude

Accuracy

Distance

Server Status: ssOK Process Status: psOK

Case Number	Change Description	Category	Country	Example Address
CAS-60646-C3G4L9	Correction of the PostalCode being verified	Data	SK	Address1: Ružová dolina 8 Locality: Bratislava PostalCode: 821 09 Country: Slovakia
Before Image			After Image	
				

Case Number	Change Description	Category	Country	Example Address
CAS-78651-N2F6F4	Correction of the Locality being verified	Data	SI	Address1: Ptujška Cesta 343 Locality: Maribor PostalCode: 2000 Country: SI
Before Image			After Image	
				

Case Number	Change Description	Category	Country	Example Address
CAS-83403-B7M0R3	Improvement of PostalCode verification	Data	NZ	Address1: 124 Shakespeare Road Locality: Takapuna AdministrativeArea: Auckland PostalCode: 0622 Country: NZ

Before Image

Loqate Demonstration UI v2.45.0.16505-6d8a6e1

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

Address4

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 124 Shakespeare Road
Takapuna
Auckland 0620

Latitude -36.781350
Longitude 174.757430
Accuracy P4
Distance 0.0
[Map This Location](#)

Address Quality Index 1 Result Count 1

Address Verification Code V44-144-P4-095

Organization

SubBuilding

Premise 124 Verified no change

Building

PostBox

DependentThoroughfare

Thoroughfare Shakespeare Road Verified no change

DoubleDependentLocality

DependentLocality Takapuna Verified no change

Locality Auckland Verified no change

SubAdministrativeArea Auckland City Added

AdministrativeArea Auckland Added

SuperAdministrativeArea

PostalCode 0620 Verified large change

Country New Zealand

ISO2 NZ ISO3 NZL

Unmatched

Processed Time 00:00:00.01

Cache Stats Shortcuts View All To Clipboard

Server Status: ssOK Process Status: psOK

After Image

Loqate Demonstration UI v2.45.0.16505-6d8a6e1

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

Address4

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 124 Shakespeare Road
Takapuna
Auckland 0622

Latitude -36.781350
Longitude 174.757430
Accuracy P4
Distance 0.0
[Map This Location](#)

Address Quality Index 1 Result Count 1

Address Verification Code V44-144-P6-100

Organization

SubBuilding

Premise 124 Verified no change

Building

PostBox

DependentThoroughfare

Thoroughfare Shakespeare Road Verified no change

DoubleDependentLocality

DependentLocality Takapuna Verified no change

Locality Auckland Verified no change

SubAdministrativeArea Auckland City Added

AdministrativeArea Auckland Added

SuperAdministrativeArea

PostalCode 0622 Verified no change

Country New Zealand

ISO2 NZ ISO3 NZL

Unmatched

Processed Time 00:00:00.01

Cache Stats Shortcuts View All To Clipboard

Server Status: ssOK Process Status: psOK

Case Number	Change Description	Category	Country	Example Address
CAS-83391-J3G9B1	Correction of added DependentLocality	Data	NZ	Address: 3 Umu Place Auckland Country: NZ

Before Image

Loqate Demonstration UI v2.45.0.16505-6d8a6e1

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

ID

Organization

Address

Locality

AdministrativeArea

PostalCode

Country

OutputScript ☐ Parse ☒ Verify

ForceCountry ☐ Match ☐ Search

DefaultCountry ☐ Format ☒ Geocode ☐ Enhance

Clear Options Clear Input Clear Output Process

Output

Address 3 Umu Place Muriwai Auckland 2022

Latitude -36.957670

Longitude 174.796110

Accuracy P4

Distance 0.0

Map This Location

Address Quality Index A 1 Result Count 1

Address Verification Code V44-144-P3-100

Organization Empty

SubBuilding Empty

Premise 3 Verified no change

Building Empty

PostBox Empty

DependentThoroughfare Empty

Thoroughfare Umu Place Verified no change

DoubleDependentLocality Empty

DependentLocality Muriwai Added

Locality Auckland Verified no change

SubAdministrativeArea Auckland City Added

AdministrativeArea Auckland Added

SuperAdministrativeArea Empty

PostalCode 2022 Added

Country New Zealand

ISO2 NZ ISO3 NZL

Unmatched

Processed Time 00:00:00

Cache Stats Shortcuts View All To Clipboard

Server Status: ssOK Process Status: psOK

After Image

Loqate Demonstration UI v2.45.0.16505-6d8a6e1

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

Address4

Address2

Address1

Locality

AdministrativeArea

PostalCode

Country

OutputScript ☐ Parse ☒ Verify

ForceCountry ☐ Match ☐ Search

DefaultCountry ☐ Format ☒ Geocode ☐ Enhance

Clear Options Clear Input Clear Output Process

Output

Address 3 Umu Place Mangere Auckland 2022

Latitude -36.957670

Longitude 174.796110

Accuracy P4

Distance 0.0

Map This Location

Address Quality Index A 1 Result Count 1

Address Verification Code V44-144-P3-100

Organization Empty

SubBuilding Empty

Premise 3 Verified no change

Building Empty

PostBox Empty

DependentThoroughfare Empty

Thoroughfare Umu Place Verified no change

DoubleDependentLocality Empty

DependentLocality Mangere Added

Locality Auckland Verified no change

SubAdministrativeArea Auckland City Added

AdministrativeArea Auckland Added

SuperAdministrativeArea Empty

PostalCode 2022 Added

Country New Zealand

ISO2 NZ ISO3 NZL

Unmatched

Processed Time 00:00:00

Cache Stats Shortcuts View All To Clipboard

Server Status: ssOK Process Status: psOK

Release Notes – Geographic Hierarchy (Seed) Data

2022Q4.1 Minor Release

Overview

The following document identifies all improvements and changes made to the Seed data files for the Loqate 2022Q4.1 Minor Release

Case Resolutions

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

External issue ID	Country	Description
CAS-81927-W8Q1J8	IE	Fix incorrect AdministrativeArea parent for Limerick locality. Limerick is now under Co. Clare and Co. Limerick AdministrativeArea only.
CAS-81995-S1X3K1	US	Fix incorrect Localities under PostalCode '15238'. PostalCode '15238' now belongs to Pittsburg and Blawnow localities only.
CAS-80390-T2G4D8	US	Fix incorrect Localities under PostalCode '27519'. PostalCode '27519' now belongs to Cary Locality under Wake SubAdministrativeArea only.
CAS-81997-B3P4V3	DE	Fix incorrect PostalCode under DependentLocality 'Vorden'. DependentLocality 'Vorden' now have PostalCode '49434' only.
CAS-76254-R7K3X9	SK	Fix incorrect PostalCode under Locality 'Bratislava 1' and 'Bratislava 2'. Locality 'Bratislava 1' now do not have PostalCode '830 XX'. Locality 'Bratislava 2' now do not have PostalCode '811 08' and '811 09'.
CAS-79353-R8B8L3	NZ	Fix Localities which have Locality as its parent entries. Locality 'Rangiora' now under AdministrativeArea 'Canterbury'.
CAS-81993-P0Y7X5	NZ	Remove PostalCode in incorrect Locality. Postcode '0620' now only exist in Locality 'Auckland'

		Postcode '0930' now only exist in Locality 'Whangaparaoa'
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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
AU	3	Country Refresh PostalCode added
CA	470	Country Refresh PostalCode and entries added
DE	40	Country Refresh Case Resolution PostalCode and entries added
ES	652	Country Refresh PostalCode and entries added
GB	985	Country Refresh PostalCode and entries added
GR	2	Case Resolution Aliases addition
HU	4	Country Refresh Slight re-ordering of invalid aliases
IE	176	Country Refresh Case Resolution
IM	3	Country Refresh PostalCode added
JE	2	Country Refresh PostalCode added
MX	2670	Country Refresh PostalCode added and aliases added
NO	178	Country Refresh PostalCode and entries added

NZ	422	Country Refresh Case Resolution(s) PostalCode and entries added
PT	1257	Country Refresh Postal Code and entries added
SE	5730	Country Refresh Entries added
SI	38	Country Refresh PostalCode and entries added
SK	89	Country Refresh Case Resolution PostalCode added
US	332	Country Refresh Case Resolution(s) PostalCode and entries added

Geographic Structure Changes

The following table describe changes to the country structures document.

Dataset	Description
	There are no geographic changes in this release.