

Loqate, A GBG Solution

Release Notes – Reference Data & Knowledge Base

2023Q2.0 Major Release

Case Resolutions

Please visit <https://support.loqate.com/2023q2-0-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 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	2023-02-28	2023-06-30
CASS Data retirement 31 st July 2023	2023-03-15	2023-06-28
CASS2 Data	2023-04-07	2023-06-30
SERP	2023-03-16	No Expiry

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.loqate.com/documentation/local-apis/cass-overview-2/> and <https://support.loqate.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
Denmark	Country rebuilt using an additional major data provider to enhance geocodes to premise level
Malaysia	Improvements of address parsing and verifications along with changes to the output address format.
Monaco	Output address format changed.
United Kingdom	New field addition (ResidentialCommercialFlag) in Verify Enhance mode.

Country Rebuild/Refresh Highlights

Denmark

Country Information		Description
ISO2		DK
ISO3		DNK
Address Format		Organization PostBox Building Thoroughfare Premise SubBuilding DependentThoroughfare DoubleDependentLocality DependentLocality PostalCode Locality
PDH		YES
PDH completed date		2023Q2.0
New Source		YES
	Pre-PDH	Post-PDH
Reference Data	rd_DK_ggg_rg.lfs rd_DK_ggg.lfs rd_DK_vfy_ai.lfs rd_DK_vfy.lfs	rd_DK_ggg_rg.lfs rd_DK_ggg.lfs rd_DK_vfy_ai.lfs rd_DK_vfy.lfs

2023Q1.1

GeoAccuracy was P4 but the Latitude and Longitude point were not on the premise roof.

Loqate Demonstration UI v2.46.0.16647-7b52b3c

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

Address3

Address2

Address1

Locality

AdministrativeArea

PostalCode

Country

IgnoreUnmatched Parse Verify

ForceCountry 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

DependentThoroughfare

Thoroughfare Verified no change

DoubleDependentLocality

DependentLocality

Locality Verified alias change

SubAdministrativeArea Added

AdministrativeArea Added

SuperAdministrativeArea

PostalCode Verified no change

Country

ISO2 ISO3

Unmatched

Processed Time

Cache Stats Shortcuts View All To Clipboard

Output

Address Latitude

Longitude

Accuracy

Distance

[Map This Location](#)

Server Status: ssOK Process Status: psOK

2023Q2.0

GeoAccuracy is P4 with Latitude and Longitude point are now on the premise roof.

Loqate Demonstration UI v2.46.0.16647-7b52b3c

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

Address3

Address2

Address1

Locality

AdministrativeArea

PostalCode

Country

IgnoreUnmatched Parse Verify

ForceCountry 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

DependentThoroughfare

Thoroughfare Verified no change

DoubleDependentLocality

DependentLocality

Locality Verified alias change

SubAdministrativeArea Added

AdministrativeArea Added

SuperAdministrativeArea

PostalCode Verified no change

Country

ISO2 ISO3

Unmatched

Processed Time

Cache Stats Shortcuts View All To Clipboard

Output

Address Latitude

Longitude

Accuracy

Distance

[Map This Location](#)

Server Status: ssOK Process Status: psOK

Malaysia

- Improvements of address parsing and verifications.
- Output address format changed.

2023Q1.1

Incorrect SubBuilding and Premise parsing.
Premise not verified.
No comma after Premise in output Address.

The screenshot shows the Loqate Demonstration UI for 2023Q1.1. The input address is "19, Tingkat G, Jalan Todak 4, Pusat Bandar Seberang Jaya, Seberang Jaya, Pulau Pinang 13700, Malaysia". The output shows the address split into "Tingkat 19 G", "Jalan Todak 4", "Pusat Bandar Seberang Jaya", "13700 Seberang Jaya", and "Pulau Pinang". The "Premise" field is empty, and the "SubBuilding" field is "Tingkat 19". The "Address Verification Code" is "P33-I35-P6-100". The "Output" section shows the address as "Tingkat 19 G, Jalan Todak 4, Pusat Bandar Seberang Jaya, 13700 Seberang Jaya, Pulau Pinang".

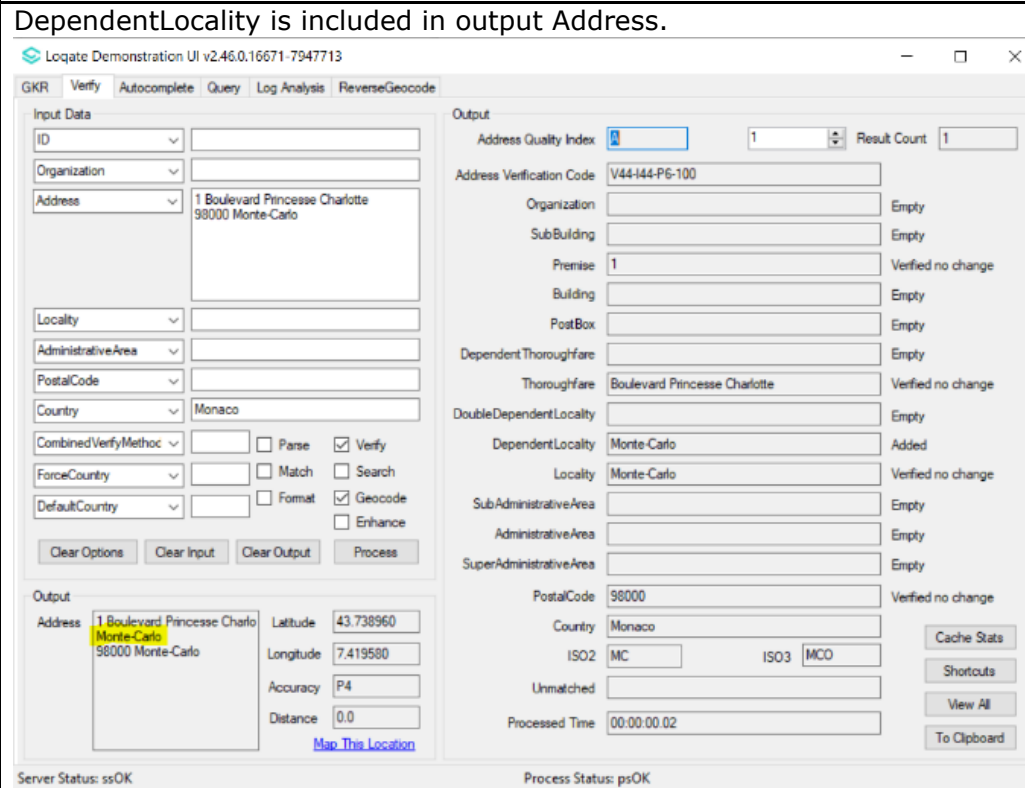
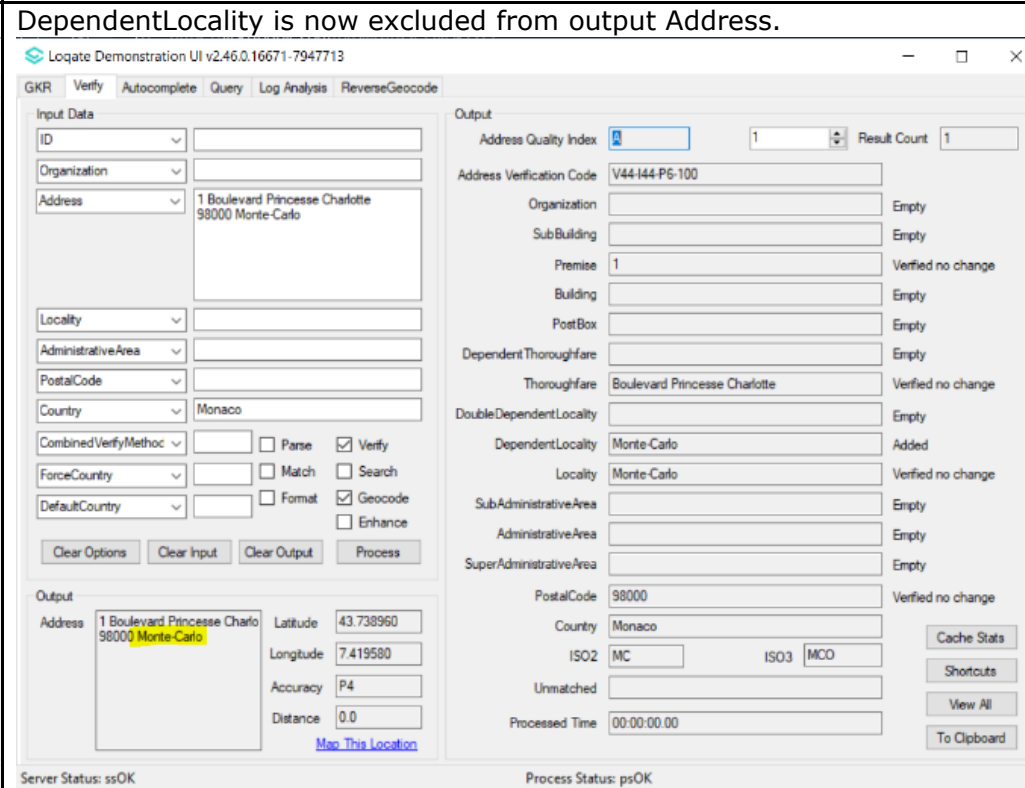
2023Q2.0

SubBuilding and Premise now correctly parsed. Premise now verified.
Comma added after Premise in output Address.

The screenshot shows the Loqate Demonstration UI for 2023Q2.0. The input address is "19, Tingkat G, Jalan Todak 4, Pusat Bandar Seberang Jaya, Seberang Jaya, Pulau Pinang 13700, Malaysia". The output shows the address split into "Tingkat G", "19, Jalan Todak 4", "Pusat Bandar Seberang Jaya", "13700 Seberang Jaya", "Seberang Jaya", "Seberang Perai Tengah", and "Pulau Pinang". The "Premise" field is "19" and is marked as "Verified no change". The "SubBuilding" field is "Tingkat G" and is marked as "Identified context". The "Address Verification Code" is "V44-I45-P6-100". The "Output" section shows the address as "Tingkat G, 19, Jalan Todak 4, Pusat Bandar Seberang Jaya, 13700 Seberang Jaya, Seberang Jaya, Seberang Perai Tengah, Pulau Pinang".

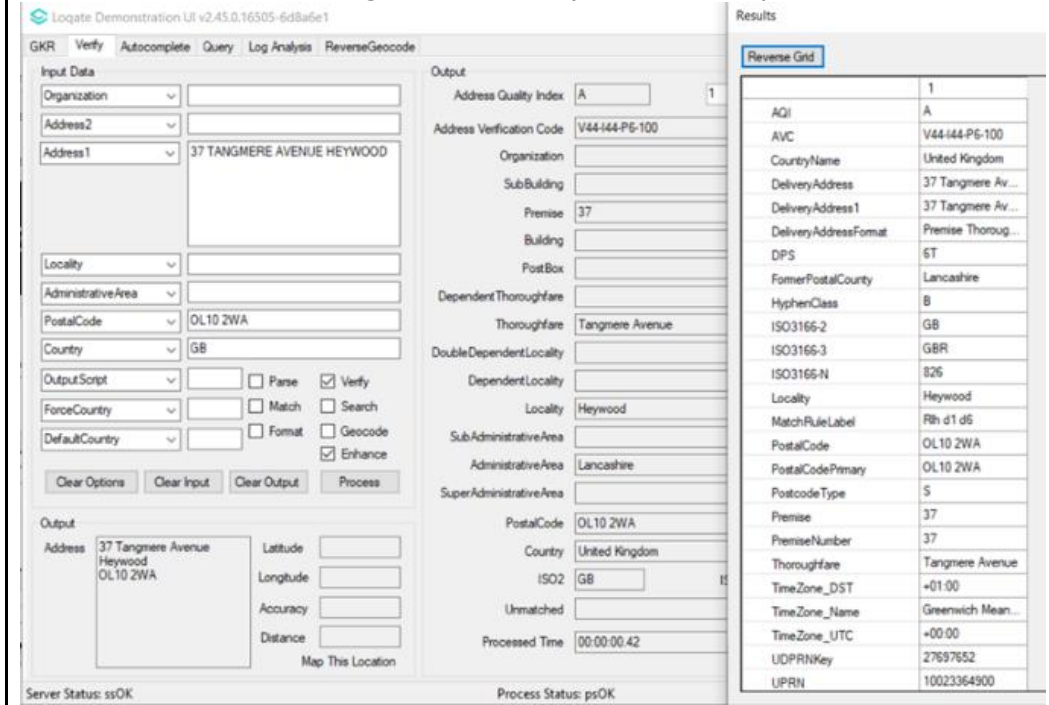
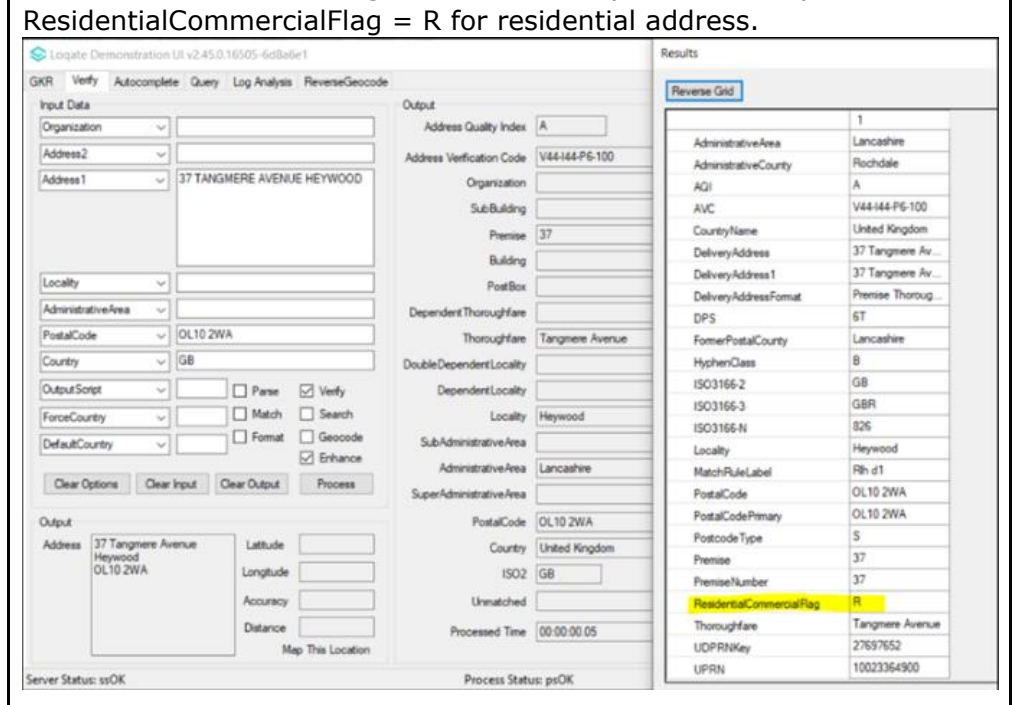
Monaco

- Output address format changed.

2023Q1.1	2023Q2.0
<p>DependentLocality is included in output Address.</p>  <p>Loqate Demonstration UI v2.46.0.16671-7947713</p> <p>Input Data: ID, Organization, Address (1 Boulevard Princesse Charlotte, 98000 Monte-Carlo), Locality, AdministrativeArea, PostalCode, Country (Monaco), CombinedVerifyMethod (Parse, Verify), ForceCountry (Match, Search), DefaultCountry (Format, Geocode, Enhance).</p> <p>Output: Address Quality Index (1), Address Verification Code (V44-144-P6-100), Organization (Empty), Sub-Building (Empty), Premise (1, Verified no change), Building (Empty), PostBox (Empty), DependentThoroughfare (Empty), Thoroughfare (Boulevard Princesse Charlotte, Verified no change), DoubleDependentLocality (Empty), DependentLocality (Monte-Carlo, Added), Locality (Monte-Carlo, Verified no change), Sub-AdministrativeArea (Empty), AdministrativeArea (Empty), SuperAdministrativeArea (Empty), PostalCode (98000, Verified no change), Country (Monaco), ISO2 (MC), ISO3 (MCO), Unmatched, Processed Time (00:00:00.02).</p> <p>Server Status: ssOK Process Status: psOK</p>	<p>DependentLocality is now excluded from output Address.</p>  <p>Loqate Demonstration UI v2.46.0.16671-7947713</p> <p>Input Data: ID, Organization, Address (1 Boulevard Princesse Charlotte, 98000 Monte-Carlo), Locality, AdministrativeArea, PostalCode, Country (Monaco), CombinedVerifyMethod (Parse, Verify), ForceCountry (Match, Search), DefaultCountry (Format, Geocode, Enhance).</p> <p>Output: Address Quality Index (1), Address Verification Code (V44-144-P6-100), Organization (Empty), Sub-Building (Empty), Premise (1, Verified no change), Building (Empty), PostBox (Empty), DependentThoroughfare (Empty), Thoroughfare (Boulevard Princesse Charlotte, Verified no change), DoubleDependentLocality (Empty), DependentLocality (Monte-Carlo, Added), Locality (Monte-Carlo, Verified no change), Sub-AdministrativeArea (Empty), AdministrativeArea (Empty), SuperAdministrativeArea (Empty), PostalCode (98000, Verified no change), Country (Monaco), ISO2 (MC), ISO3 (MCO), Unmatched, Processed Time (00:00:00.00).</p> <p>Server Status: ssOK Process Status: psOK</p>

United Kingdom

- Addition of new field (ResidentialCommercialFlag) in Verify Enhance.

2023Q1.1	2023Q2.0
<p>ResidentialCommercialFlag is not in Verify Enhance output.</p>  <p>Server Status: ssOK Process Status: psOK</p>	<p>ResidentialCommercialFlag is added in Verify Enhance output. ResidentialCommercialFlag = R for residential address.</p>  <p>Server Status: ssOK Process Status: psOK</p>

ResidentialCommercialFlag is not in Verify Enhance output.

Loqate Demonstration UI v2.45.0.16505-6d8a6e1

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

Organization: [Dropdown]
 Address2: [Dropdown]
 Address1: LITTLE LAKES LEISURE LTD LYE HEAD BEWDLEY WORCESTERSHIRE

Locality: [Dropdown]
 AdministrativeArea: [Dropdown]
 PostalCode: DY12 2UZ
 Country: GB

Output Script: [Dropdown] Parse Verify
 ForceCountry: [Dropdown] Match Search
 DefaultCountry: [Dropdown] Format Geocode Enhance

Clear Options Clear Input Clear Output Process

Output

Address: Little Lakes Leisure Ltd
 Lye Head
 Bewdley
 DY12 2UZ

Latitude: [Input]
 Longitude: [Input]
 Accuracy: [Input]
 Distance: [Input]

Map This Location

Server Status: ssOK Process Status: psOK

Results

Reverse Grid

CountryName	United Kingdom
DeliveryAddress	Lye Head
DeliveryAddress1	Lye Head
DeliveryAddressFormat	Thoroughfare
DPS	1A
FormerPostalCounty	Worcestershire
HyphenClass	B
ISO3166-2	GB
ISO3166-3	GBR
ISO3166-N	826
Locality	Bewdley
MatchRuleLabel	Rfrp d1 d6
Organization	Little Lakes Leisu...
OrganizationKey	03856543
PostalCode	DY12 2UZ
PostalCodePrimary	DY12 2UZ
PostcodeType	S
Thoroughfare	Lye Head
TimeZone_DST	+01:00
TimeZone_Name	Greenwich Mean...
TimeZone_UTC	+00:00
TraditionalCounty	Shropshire
UDPRNKey	07794618
UPRN	10003370825

ResidentialCommercialFlag is added in Verify Enhance output.
 ResidentialCommercialFlag = C for commercial address.

Loqate Demonstration UI v2.45.0.16505-6d8a6e1

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

Organization: [Dropdown]
 Address2: [Dropdown]
 Address1: LITTLE LAKES LEISURE LTD LYE HEAD BEWDLEY WORCESTERSHIRE

Locality: [Dropdown]
 AdministrativeArea: [Dropdown]
 PostalCode: DY12 2UZ
 Country: GB

Output Script: [Dropdown] Parse Verify
 ForceCountry: [Dropdown] Match Search
 DefaultCountry: [Dropdown] Format Geocode Enhance

Clear Options Clear Input Clear Output Process

Output

Address: Little Lakes Leisure Ltd
 Lye Head
 Bewdley
 DY12 2UZ

Latitude: [Input]
 Longitude: [Input]
 Accuracy: [Input]
 Distance: [Input]

Map This Location

Server Status: ssOK Process Status: psOK

Results

Reverse Grid

AGI	A
AVC	V55-I55-P6-100
CountryName	United Kingdom
DeliveryAddress	Lye Head
DeliveryAddress1	Lye Head
DeliveryAddressFormat	Thoroughfare
DPS	1A
FormerPostalCounty	Worcestershire
HyphenClass	B
ISO3166-2	GB
ISO3166-3	GBR
ISO3166-N	826
Locality	Bewdley
MatchRuleLabel	Rfrp d1
Organization	Little Lakes Leisu...
OrganizationKey	03856543
PostalCode	DY12 2UZ
PostalCodePrimary	DY12 2UZ
PostcodeType	S
ResidentialCommercialFlag	C
Thoroughfare	Lye Head
TraditionalCounty	Shropshire
UDPRNKey	07794618
UPRN	10003370825

Case Resolutions

2023Q2.0 Data related Case Fixes

Case Number	Change Description	Category	Country	Example Address
CAS-90162-V9F4V0	Correction of output address format	Data	MC	Address1: 1 Boulevard Princesses Charlotte 98000 Monte-Carlo Country: Monaco

Before Image

Loqate Demonstration UI v2.46.0.16671-7947713

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

ID [] Organization [] Address [1 Boulevard Princesses Charlo Monte-Carlo 98000 Monte-Carlo]

Locality [] AdministrativeArea [] PostalCode [] Country [Monaco]

CombinedVerifyMethod [] Parse Verify ForceCountry [] 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 1 Verified no change

Building [] Empty

PostBox [] Empty

DependentThoroughfare [] Empty

Thoroughfare Boulevard Princesse Charlotte Verified no change

DoubleDependentLocality [] Empty

DependentLocality Monte-Carlo Added

Locality Monte-Carlo Verified no change

SubAdministrativeArea [] Empty

AdministrativeArea [] Empty

SuperAdministrativeArea [] Empty

PostalCode 98000 Verified no change

Country Monaco

ISO2 MC ISO3 MCO

Unmatched []

Processed Time 00:00:00.02

Address 1 Boulevard Princesses Charlo Monte-Carlo 98000 Monte-Carlo Latitude 43.738960 Longitude 7.419580 Accuracy P4 Distance 0.0 Map This Location

Cache Stats Shortcuts View All To Clipboard

Server Status: ssOK Process Status: psOK

After Image

Loqate Demonstration UI v2.46.0.16671-7947713

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

ID [] Organization [] Address [1 Boulevard Princesses Charlo 98000 Monte-Carlo]

Locality [] AdministrativeArea [] PostalCode [] Country [Monaco]

CombinedVerifyMethod [] Parse Verify ForceCountry [] 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 1 Verified no change

Building [] Empty

PostBox [] Empty

DependentThoroughfare [] Empty

Thoroughfare Boulevard Princesse Charlotte Verified no change

DoubleDependentLocality [] Empty

DependentLocality Monte-Carlo Added

Locality Monte-Carlo Verified no change

SubAdministrativeArea [] Empty

AdministrativeArea [] Empty

SuperAdministrativeArea [] Empty

PostalCode 98000 Verified no change

Country Monaco

ISO2 MC ISO3 MCO

Unmatched []

Processed Time 00:00:00.00

Address 1 Boulevard Princesses Charlo 98000 Monte-Carlo Latitude 43.738960 Longitude 7.419580 Accuracy P4 Distance 0.0 Map This Location

Cache Stats Shortcuts View All To Clipboard

Server Status: ssOK Process Status: psOK

Case Number	Change Description	Category	Country	Example Address
CAS-94450-G0F7Z6	Improvement of address parsing and verification	Data	GB	Address1: HMP Whitemoor Address2: Works Department Address3: Longhill Road Locality: March Postal Code: PE15 OPR Country: GBR
				Address1: HMP Sheppey Address2: The Sheppey Cluster, Church Road Address3: Eastchurch Locality: Sheerness Postal Code: ME12 4AA Kent Country: United Kingdom

Before Image

After Image

Loqate Demonstration UI v2.46.1.16713-70df3ba

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

Address3: Longhill Road
Address2: Works Department
Address1: HMP Whitemoor

Locality: March
AdministrativeArea: PE15 OPR
PostalCode: PE15 OPR
Country: United Kingdom

Output

Address Quality Index: 1 Result Count: 1

Address Verification Code: P22-I44-P6-100

Organization: Empty
SubBuilding: Empty
Premise: Empty
Building: Hmp Whitemoor Works Identified no change
PostBox: Empty
DependentThoroughfare: Empty
Thoroughfare: Department Longhill Road Identified no change
DoubleDependentLocality: Empty
DependentLocality: Empty
Locality: March Verified no change
SubAdministrativeArea: Empty
AdministrativeArea: Cambridgeshire Added
SuperAdministrativeArea: Empty
PostalCode: PE15 OPR Verified no change
Country: United Kingdom
ISO2: GB ISO3: GBR
Unmatched: Empty
Processed Time: 00:00:00.46

Output Address: Hmp Whitemoor Works, Department Longhill Road, March, PE15 OPR

Server Status: ssOK Process Status: psOK

Loqate Demonstration UI v2.46.1.16713-70df3ba

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

Address3: Longhill Road
Address2: Works Department
Address1: HMP Whitemoor

Locality: March
AdministrativeArea: PE15 OPR
PostalCode: PE15 OPR
Country: United Kingdom

Output

Address Quality Index: 1 Result Count: 1

Address Verification Code: V55-I55-P6-100

Organization: H M Prison Verified alias change
SubBuilding: Works Department Identified no change
Premise: Empty
Building: Whitemoor Verified no change
PostBox: Empty
DependentThoroughfare: Empty
Thoroughfare: Longhill Road Verified no change
DoubleDependentLocality: Empty
DependentLocality: Empty
Locality: March Verified no change
SubAdministrativeArea: Empty
AdministrativeArea: Cambridgeshire Added
SuperAdministrativeArea: Empty
PostalCode: PE15 OPR Verified no change
Country: United Kingdom
ISO2: GB ISO3: GBR
Unmatched: Empty
Processed Time: 00:00:00.00

Output Address: H M Prison Works Department Whitemoc, Longhill Road, March, PE15 OPR

Server Status: ssOK Process Status: psOK

Loqate Demonstration UI v2.46.1.16713-70df3ba

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

Address3 Eastchurch

Address2 The Sheppey Cluster, Church Road

Address1 HMP Sheppey

Locality Sheerness

AdministrativeArea

PostalCode ME12 4AA Kent

Country United Kingdom

CertifiedCountryList Parse Verify

ConfidenceThreshold Match Search

DefaultCountry Format Geocode Enhance

Clear Options Clear Input Clear Output Process

Output

Address Hmp Sheppey The Sheppey Cluster Church Road Eastchurch Sheerness ME12 4AA

Latitude

Longitude

Accuracy

Distance

Map This Location

Output

Address Quality Index 1 Result Count 1

Address Verification Code P22-I44-P6-100

Organization Empty

SubBuilding Empty

Premise Empty

Building Hmp Sheppey The Sheppey Cluster Church Identified no change

PostBox Empty

DependentThoroughfare Empty

Thoroughfare Road Identified context

DoubleDependentLocality Empty

DependentLocality Eastchurch Verified no change

Locality Sheerness Verified no change

SubAdministrativeArea Empty

AdministrativeArea Kent Verified no change

SuperAdministrativeArea Empty

PostalCode ME12 4AA Verified no change

Country United Kingdom

ISO2 GB ISO3 GBR

Unmatched

Processed Time 00:00:00.21

Cache Stats Shortcuts View All To Clipboard

Server Status: ssOK Process Status: psOK

Loqate Demonstration UI v2.46.1.16713-70df3ba

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

Address3 Eastchurch

Address2 The Sheppey Cluster, Church Road

Address1 HMP Sheppey

Locality Sheerness

AdministrativeArea

PostalCode ME12 4AA Kent

Country United Kingdom

CertifiedCountryList Parse Verify

ConfidenceThreshold Match Search

DefaultCountry Format Geocode Enhance

Clear Options Clear Input Clear Output Process

Output

Address H M Prison Standford Hill Church Road Eastchurch Sheerness ME12 4AA

Latitude

Longitude

Accuracy

Distance

Map This Location

Output

Address Quality Index A 1 Result Count 1

Address Verification Code V55-I55-P6-100

Organization H M Prison Verified alias change

SubBuilding Empty

Premise Empty

Building Standford Hill Verified alias change

PostBox Empty

DependentThoroughfare Empty

Thoroughfare Church Road Verified no change

DoubleDependentLocality Empty

DependentLocality Eastchurch Verified no change

Locality Sheerness Verified no change

SubAdministrativeArea Empty

AdministrativeArea Kent Verified no change

SuperAdministrativeArea Empty

PostalCode ME12 4AA Verified no change

Country United Kingdom

ISO2 GB ISO3 GBR

Unmatched

Processed Time 00:00:00.17

Cache Stats Shortcuts View All To Clipboard

Server Status: ssOK Process Status: psOK

Case Number	Change Description	Category	Country	Example Address
CAS-89911-H4N5C6	Improvement of numeric junk parsing and address verification	Data	DE	Address1: Packstation 149 Address2: 1234567890 Locality: munich PostalCode: 81539 Country: DE

Before Image

Loqate Demonstration UI v2.45.0.16505-6d8a6e1

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

Address4 []

Address2 [1234567890]

Address1 [Packstation 149]

Locality [munich]

AdministrativeArea []

PostalCode [81539]

Country [DE]

CertifiedCountryList [] Parse Verify

Ac [] Match Search

DefaultCountry [] Format Geocode Enhance

Clear Options Clear Input Clear Output Process

Output

Address Quality Index [E] 1 Result Count [50]

Address Verification Code [A22-U22-P0-100]

Organization [] Empty

SubBuilding [] Empty

Premise [] Empty

Building [] Empty

PostBox [] Empty

DependentThoroughfare [] Empty

Thoroughfare [] Empty

DoubleDependentLocality [] Empty

DependentLocality [] Empty

Locality [München] Verified alias change

SubAdministrativeArea [Oberbayern] Added

AdministrativeArea [Bayern] Added

SuperAdministrativeArea [] Empty

PostalCode [81539] Unrecognized

Country [Germany]

ISO2 [DE] ISO3 [DEU]

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 [1234567890]

Address1 [Packstation 149]

Locality [munich]

AdministrativeArea []

PostalCode [81539]

Country [DE]

CertifiedCountryList [] Parse Verify

Ac [] 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 [V55-I55-P6-100]

Organization [] Empty

SubBuilding [] Empty

Premise [181] Added

Building [] Empty

PostBox [Packstation 149] Verified no change

DependentThoroughfare [] Empty

Thoroughfare [Tegemseer Landstr.] Added

DoubleDependentLocality [] Empty

DependentLocality [] Empty

Locality [München] Verified alias change

SubAdministrativeArea [Oberbayern] Added

AdministrativeArea [Bayern] Added

SuperAdministrativeArea [] Empty

PostalCode [81539] Verified no change

Country [Germany]

ISO2 [DE] ISO3 [DEU]

Unmatched [1234567890]

Processed Time [00:00:00.23]

Cache Stats Shortcuts View All To Clipboard

Server Status: ssOK Process Status: psOK

Case Number	Change Description	Category	Country	Example Address
CAS-85998-F6C0G3	Improvement of Premise verification	Data	DE	Address1: Schwarzwaldstraße 1 Locality: Forbach PostalCode: 76596 Country: Germany

Before Image

Loqate Demonstration UI v2.46.1.16713-70df3ba

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

ID [] Organization [] Address [Schwarzwaldstraße 1]

Locality [Forbach]

AdministrativeArea []

PostalCode [76596]

Country [Germany]

RangeFieldLimit [] Parse [] Verify [x] ForceCountry [] Match [] Search [] DefaultCountry [] Format [] Geocode [x] Enhance []

Clear Options Clear Input Clear Output Process

Output

Address Schwarzwaldstr. 1 76596 Forbach Latitude 48.680650 Longitude 8.351430 Accuracy P4 Distance 0.0 Map This Location

Server Status: ssOK Process Status: psOK

After Image

Loqate Demonstration UI v2.46.1.16713-70df3ba

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

ID [] Organization [] Address [Schwarzwaldstraße 1]

Locality [Forbach]

AdministrativeArea []

PostalCode [76596]

Country [Germany]

RangeFieldLimit [] Parse [] Verify [x] ForceCountry [] Match [] Search [] DefaultCountry [] Format [] Geocode [x] Enhance []

Clear Options Clear Input Clear Output Process

Output

Address Schwarzwaldstr. 1 76596 Forbach Latitude 48.680650 Longitude 8.351430 Accuracy P4 Distance 0.0 Map This Location

Server Status: ssOK Process Status: psOK

Case Number	Change Description	Category	Country	Example Address
CAS-86661-N4W6J9	Correction of the Locality being verified	Data	RS	Address1: Ulica Hajduk-Veljkova 36 Locality: Požarevac PostalCode: 12000 Country: Serbia

Before Image

Loqate Demonstration UI v2.46.1.16713-70df3ba

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

ID [] Organization [] Address1 [Ulica Hajduk-Veljkova 36]

Locality [Požarevac] AdministrativeArea [] PostalCode [12000] Country [Serbia]

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

Clear Options Clear Input Clear Output Process

Output

Address Ulica Hajduk-Veljkova 36 12000 Požarevac Latitude [] Longitude [] Accuracy [] Distance [] Map This Location

Address Quality Index [A] Result Count [1]

Address Verification Code [V44-144-P6-100]

Organization [] Empty SubBuilding [] Empty Premise [36] Verified no change Building [] Empty PostBox [] Empty DependentThoroughfare [] Empty Thoroughfare [Ulica Hajduk-Veljkova] Verified no change DoubleDependentLocality [] Empty DependentLocality [] Empty Locality [Požarevac] Verified alias change SubAdministrativeArea [] Empty AdministrativeArea [Braničevski Okrug] Added SuperAdministrativeArea [Centralna Srbija] Added PostalCode [12000] Verified no change Country [Serbia] ISO2 [RS] ISO3 [SRB] 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 v2.46.1.16713-70df3ba

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

ID [] Organization [] Address1 [Ulica Hajduk-Veljkova 36]

Locality [Požarevac] AdministrativeArea [] PostalCode [12000] Country [Serbia]

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

Clear Options Clear Input Clear Output Process

Output

Address Ulica Hajduk-Veljkova 36 12000 Požarevac Latitude [] Longitude [] Accuracy [] Distance [] Map This Location

Address Quality Index [A] Result Count [1]

Address Verification Code [V44-144-P6-100]

Organization [] Empty SubBuilding [] Empty Premise [36] Verified no change Building [] Empty PostBox [] Empty DependentThoroughfare [] Empty Thoroughfare [Ulica Hajduk-Veljkova] Verified no change DoubleDependentLocality [] Empty DependentLocality [] Empty Locality [Požarevac] Verified no change SubAdministrativeArea [] Empty AdministrativeArea [Braničevski Okrug] Added SuperAdministrativeArea [Centralna Srbija] Added PostalCode [12000] Verified no change Country [Serbia] ISO2 [RS] ISO3 [SRB] 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-79253-P0Z5Q3	Geocode with mismatched AdministrativeArea would have lower priority.	API	All	Address1: PO Box 430, Locality: Indian Hills, AdministrativeArea: CO, PostalCode: 80454-0430, Country: US Address1: PO Box 4, Locality: Pine, AdministrativeArea: CO, PostalCode: 80470, Country: US

Before Image

Loqate Demonstration UI v2.46.1.16714-3cb4983 DEBUG

Input Data: Address3, Address2, Address1 (PO Box 430), Locality (Indian Hills), AdministrativeArea (CO), PostalCode (80454-0430), Country (US).

Output: Address Quality Index (A), Address Verification Code (V55-I55-P7-100), Organization (Empty), SubBuilding (Empty), Premise (Empty), Building (Empty), PostBox (PO Box 430) (Verified no change), Dependent Thoroughfare (Empty), Thoroughfare (Empty), DoubleDependentLocality (Empty), DependentLocality (Empty), Locality (Indian Hills) (Verified no change), SubAdministrativeArea (Jefferson) (Added), AdministrativeArea (CO) (Verified no change), SuperAdministrativeArea (Empty), PostalCode (80454-0430) (Verified alias change), Country (United States), ISO2 (US), ISO3 (USA), Unmatched (Empty), Processed Time (00:00:03.35).

Output Address: PO Box 430, Indian Hills CO 80454-0430. Latitude: 38.277607, Longitude: -95.664983, Accuracy: A2, Distance: 3305.0.

Server Status: ssOK, Process Status: psOK

After Image

Loqate Demonstration UI v2.46.0.16709-70db45d DEBUG

Input Data: Address3, Address2, Address1 (PO Box 430), Locality (Indian Hills), AdministrativeArea (Colorado), PostalCode (80454-0430), Country (US).

Output: Address Quality Index (A), Address Verification Code (V55-I55-P7-100), Organization (Empty), SubBuilding (Empty), Premise (Empty), Building (Empty), PostBox (PO Box 430) (Verified no change), Dependent Thoroughfare (Empty), Thoroughfare (Empty), DoubleDependentLocality (Empty), DependentLocality (Empty), Locality (Indian Hills) (Verified no change), SubAdministrativeArea (Jefferson) (Added), AdministrativeArea (CO) (Verified alias change), SuperAdministrativeArea (Empty), PostalCode (80454-0430) (Verified alias change), Country (United States), ISO2 (US), ISO3 (USA), Unmatched (Empty), Processed Time (00:00:02.15).

Output Address: PO Box 430, Indian Hills CO 80454-0430. Latitude: 39.629526, Longitude: -105.260044, Accuracy: A2, Distance: 4428.3.

Server Status: ssOK, Process Status: psOK

Loqate Demonstration UI v2.46.1.16714-3cb4983 DEBUG

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

Address3

Address2

Address1

Locality

AdministrativeArea

PostalCode

Country

EnhancedCountryTool Parse Verify

CertifiedCountryList Match Search

DefaultCountry Format Geocode Enhance

Clear Options Clear Input Clear Output Process

Output

Address Quality Index 1 Result Count 1

Address Verification Code

Organization

SubBuilding

Premise

Building

PostBox Verified no change

DependentThoroughfare

Thoroughfare

DoubleDependentLocality

DependentLocality

Locality Verified no change

SubAdministrativeArea Added

AdministrativeArea Verified no change

SuperAdministrativeArea

PostalCode Verified small change

Country

ISO2 ISO3

Unmatched

Processed Time

Cache Stats Shortcuts View All To Clipboard

Output

Address Latitude
 Longitude
 Accuracy
 Distance
[Map This Location](#)

Server Status: ssOK Process Status: psOK

Loqate Demonstration UI v2.46.0.16709-70db45d DEBUG

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

Address3

Address2

Address1

Locality

AdministrativeArea

PostalCode

Country

EnhancedCountryTool Parse Verify

CertifiedCountryList Match Search

DefaultCountry Format Geocode Enhance

Clear Options Clear Input Clear Output Process

Output

Address Quality Index 1 Result Count 1

Address Verification Code

Organization

SubBuilding

Premise

Building

PostBox Verified no change

DependentThoroughfare

Thoroughfare

DoubleDependentLocality

DependentLocality

Locality Verified no change

SubAdministrativeArea Added

AdministrativeArea Verified no change

SuperAdministrativeArea

PostalCode Verified small change

Country

ISO2 ISO3

Unmatched

Processed Time

Cache Stats Shortcuts View All To Clipboard

Output

Address Latitude
 Longitude
 Accuracy
 Distance
[Map This Location](#)