

Loqate, A GBG Solution

Release Notes – Reference Data & Knowledge Base - 2023Q2.1 Minor Release

Case Resolutions

Please visit <https://support.loqate.com/2023q2-1-resolved-cases/> for a list of cases resolved in this release.

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

Certification Expiration Dates

If you have purchased 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.

Certification Product	Loqate Release Date	Certification Expiry Date*
AMAS Data	2023-05-19	2023-09-30
CASS Data (Retirement of service 31 st July 2023)	2023-05-01	2023-07-31
CASS (2) Data	2023-05-02	2023-07-31
SERP	2023-05-09	No Expiry

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

For more information on expiry date checking for CASS2 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	ISO2	Description
Hong Kong	HK	Country Rebuild
Serbia	RS	Country Rebuild

Other major changes to highlight:

Country	Description
US	Census+ premium enhanced data case fix

Country Rebuild/Refresh Highlights

Country Information	Description
ISO2	HK
ISO3	HKG
Address Format	Organization PostBox SubBuilding BuildingPhase Building BuildingPhaseExtra Thoroughfare Premise SubBuilding Premise Thoroughfare DependentThoroughfare Locality AdministrativeArea
Address Format (Native)	AdministrativeArea Locality DependentLocality DependentThoroughfare Thoroughfare Premise Building BuildingPhase Organization SubBuilding Postbox

PDH	YES	
New Source	YES	
	Pre-PDH	Post-PDH
Reference Data	rd_HK_ggg.lfs rd_HK_ggg_rg.lfs rd_HK_vfy.lfs rd_HK_vfy_ai.lfs	rd_HK_ggg.lfs rd_HK_ggg_rg.lfs rd_HK_vfy.lfs rd_HK_vfy_ai.lfs

2023Q2.0

Building was not verified.

Loqate Demonstration UI v2.46.0.16647-7b52b3c

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

Address3: []
 Address2: []
 Address1: Standard Chartered Tower, Millennium City Kwun Tong
 Locality: []
 Address4: []
 PostalCode: []
 Country: HK
 OutputScript: [] Parse Verify
 ForceCountry: [] Match Search
 DefaultCountry: [] Format Geocode Enhance

Output

Address Quality Index: E 1 Result Count: 1
 Address Verification Code: P22-I44-P0-057
 Organization: [] Empty
 SubBuilding: [] Empty
 Premise: [] Empty
 Building: Standard Chartered Tower **Identified no change**
 PostBox: [] Empty
 DependentThoroughfare: [] Empty
 Thoroughfare: [] Empty
 DoubleDependentLocality: [] Empty
 DependentLocality: Kwun Tong Verified large change
 Locality: Kwun Tong District Verified alias change
 SubAdministrativeArea: [] Empty
 AdministrativeArea: Kowloon Added
 SuperAdministrativeArea: Hong Kong Sar Added
 PostalCode: [] Empty
 Country: Hong Kong
 ISO2: HK ISO3: HKG
 Unmatched: []
 Processed Time: 00:00:00.01

Cache Stats Shortcuts View All To Clipboard

Server Status: ssOK Process Status: psOK

2023Q2.1

Building is now verified.

Loqate Demonstration UI v2.46.0.16647-7b52b3c

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

Address3: []
 Address2: []
 Address1: Standard Chartered Tower, Millennium City Kwun Tong
 Locality: []
 Address4: []
 PostalCode: []
 Country: HK
 OutputScript: [] Parse Verify
 ForceCountry: [] Match Search
 DefaultCountry: [] Format Geocode Enhance

Output

Address Quality Index: E 1 Result Count: 1
 Address Verification Code: V44-I44-P0-071
 Organization: [] Empty
 SubBuilding: [] Empty
 Premise: 388 Added
 Building: Standard Chartered Tower **Verified no change**
 PostBox: [] Empty
 DependentThoroughfare: [] Empty
 Thoroughfare: Kwun Tong Road Added
 DoubleDependentLocality: [] Empty
 DependentLocality: Kwun Tong Verified large change
 Locality: Kwun Tong District Verified alias change
 SubAdministrativeArea: [] Empty
 AdministrativeArea: Kowloon Added
 SuperAdministrativeArea: Hong Kong Sar Added
 PostalCode: [] Empty
 Country: Hong Kong
 ISO2: HK ISO3: HKG
 Unmatched: []
 Processed Time: 00:00:00.01

Cache Stats Shortcuts View All To Clipboard

Server Status: ssOK Process Status: psOK

Subbuilding was not verified.

Loqate Demonstration UI v2.46.0.16647-7b52b3c

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

Address3 []

Address2 []

Address1 [12/F Mei Hung House Kowloon]

Locality [Sham Shui Po]

Address4 []

PostalCode []

Country [HK]

OutputScript [] Parse Verify

ForceCountry [] Match Search

DefaultCountry [] Format Geocode

Enhance

Clear Options Clear Input Clear Output Process

Output

Address [12/F Mei Hung House 52 Berwick Street Shek Kip Mei Sham Shui Po District Kowloon]

Latitude []

Longitude []

Accuracy []

Distance []

Map This Location

Address Quality Index [A] [2] Result Count [3]

Address Verification Code [A44-I55-P0-100]

Organization [] Empty

SubBuilding [12/F] **Identified no change**

Premise [52] Added

Building [Mei Hung House] Verified no change

PostBox [] Empty

DependentThoroughfare [] Empty

Thoroughfare [Berwick Street] Added

DoubleDependentLocality [] Empty

DependentLocality [Shek Kip Mei] Added

Locality [Sham Shui Po District] Verified alias change

SubAdministrativeArea [] Empty

AdministrativeArea [Kowloon] Verified no change

SuperAdministrativeArea [Hong Kong Sar] Added

PostalCode [] Empty

Country [Hong Kong]

ISO2 [HK] ISO3 [HKG]

Unmatched []

Processed Time [00:00:00.02]

Cache Stats Shortcuts View All To Clipboard

Server Status: ssOK Process Status: psOK

SubBuilding is now verified.

Loqate Demonstration UI v2.46.0.16647-7b52b3c

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

Address3 []

Address2 []

Address1 [12/F Mei Hung House]

Locality [Sham Shui Po]

Address4 []

PostalCode []

Country [HK]

OutputScript [] Parse Verify

ForceCountry [] Match Search

DefaultCountry [] Format Geocode

Enhance

Clear Options Clear Input Clear Output Process

Output

Address [12/F Mei Hung House 52 Berwick Street Shek Kip Mei Sham Shui Po District Kowloon]

Latitude []

Longitude []

Accuracy []

Distance []

Map This Location

Address Quality Index [A] [4] Result Count [25]

Address Verification Code [A44-I55-P0-100]

Organization [] Empty

SubBuilding [12/F] **Verified no change**

Premise [52] Added

Building [Mei Hung House] Verified no change

PostBox [] Empty

DependentThoroughfare [] Empty

Thoroughfare [Berwick Street] Added

DoubleDependentLocality [] Empty

DependentLocality [Shek Kip Mei] Added

Locality [Sham Shui Po District] Verified alias change

SubAdministrativeArea [] Empty

AdministrativeArea [Kowloon] Verified no change

SuperAdministrativeArea [Hong Kong Sar] Added

PostalCode [] Empty

Country [Hong Kong]

ISO2 [HK] ISO3 [HKG]

Unmatched []

Processed Time [00:00:00.01]

Cache Stats Shortcuts View All To Clipboard

Server Status: ssOK Process Status: psOK

Serbia

Country Information		Description
ISO2		RS
ISO3		SRB
Address Format		Organization PostBox Thoroughfare Premise SubBuilding DependentLocality PostalCode Locality
PDH		YES
PDH completed date		2020Q4.0
New Source		NO
	Pre-PDH	Post-PDH
Reference Data	rd_RS_ggg_rg.lfs rd_RS_ggg.lfs rd_RS_vfy_ai.lfs rd_RS_vfy.lfs	rd_RS_ggg_rg.lfs rd_RS_ggg.lfs rd_RS_vfy_ai.lfs rd_RS_vfy.lfs

2023Q2.0

Locality was incorrectly verified. Thoroughfare and Premise were not verified.

Loqate Demonstration UI v2.47.0.16871-6caae19

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data: ID, Organization (Pošta Šašinci), Address1 (Zmaj Jovina 17 22425 Šašinci), Locality, Address5, PostalCode, Country (Serbia), OutputScript, ForceCountry, CustomFieldConfidenci.

Output: Address Quality Index (B), Address Verification Code (P22-I25-P6-065), Organization (Pošta Šašinci), SubBuilding (Empty), Premise (17 - Identified no change), Building (Empty), PostBox (Empty), DependentThoroughfare (Empty), Thoroughfare (Zmaj Jovina - Identified context), DoubleDependentLocality (Empty), DependentLocality (Šašinci - Added), Locality (Sremska Mitrovica - Verified large change), SubAdministrativeArea (Empty), AdministrativeArea (Sremski Okrug - Added), SuperAdministrativeArea (Vojvodina - Added), PostalCode (22425 - Verified no change), Country (Serbia), ISO2 (RS), ISO3 (SRB), Unmatched, Processed Time (00:00:00.01).

Server Status: ssOK Process Status: psOK

2023Q2.1

Locality, Thoroughfare and Premise are now correctly verified.

Loqate Demonstration UI v2.47.0.16871-6caae19

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data: ID, Organization (Pošta Šašinci), Address1 (Zmaj Jovina 17 22425 Šašinci), Locality, Address5, PostalCode, Country (Serbia), OutputScript, ForceCountry, CustomFieldConfidenci.

Output: Address Quality Index (A), Address Verification Code (V44-I45-P6-100), Organization (Pošta Šašinci), SubBuilding (Empty), Premise (17 - Verified no change), Building (Empty), PostBox (Empty), DependentThoroughfare (Empty), Thoroughfare (Ulica Zmaj Jovina - Verified alias change), DoubleDependentLocality (Empty), DependentLocality (Empty), Locality (Šašinci - Verified no change), SubAdministrativeArea (Sremska Mitrovica - Added), AdministrativeArea (Sremski Okrug - Added), SuperAdministrativeArea (Vojvodina - Added), PostalCode (22425 - Verified no change), Country (Serbia), ISO2 (RS), ISO3 (SRB), Unmatched, Processed Time (00:00:00.00).

Server Status: ssOK Process Status: psOK

USA

Country Information	Description
ISO2	US
ISO3	USA
Address Format	N/A for Census data.
PDH	YES
PDH completed date	N/A
New Source	No
Reference Data	rd_US_enh_CENSUS_PartA.lfs rd_US_enh_CENSUS_PartA_f.lfs rd_US_enh_CENSUS_PartA_m.lfs rd_US_enh_CENSUS_PartA_pr.lfs rd_US_enh_CENSUS_PartA_r.lfs



```

rd_US_enh_CENSUS_PartA_r1.lfs
rd_US_enh_CENSUS_PartA_r2.lfs
rd_US_enh_CENSUS_PartB.lfs
rd_US_enh_CENSUS_PartB_f.lfs
rd_US_enh_CENSUS_PartB_m.lfs
rd_US_enh_CENSUS_PartB_pr.lfs
rd_US_enh_CENSUS_PartB_r.lfs
rd_US_enh_CENSUS_PartB_r1.lfs
rd_US_enh_CENSUS_PartB_r2.lfs

```

CensusPlusHotfix1.0

Number of data files: 13

Part A (7 files)

rd_US_enh_CENSUS_PartA.lfs	867,149 KB
rd_US_enh_CENSUS_PartA_f.lfs	393,268 KB
rd_US_enh_CENSUS_PartA_m.lfs	741,131 KB
rd_US_enh_CENSUS_PartA_pr.lfs	1,044,135 KB
rd_US_enh_CENSUS_PartA_r.lfs	911,077 KB
rd_US_enh_CENSUS_PartA_r1.lfs	920,018 KB
rd_US_enh_CENSUS_PartA_r2.lfs	352,007 KB

Part B (6 files)

rd_US_enh_CENSUS_PartB.lfs	1,190,702 KB
rd_US_enh_CENSUS_PartB_f.lfs	670,745 KB
rd_US_enh_CENSUS_PartB_m.lfs	812,023 KB
rd_US_enh_CENSUS_PartB_pr.lfs	1,340,283 KB
rd_US_enh_CENSUS_PartB_r.lfs	1,274,848 KB
rd_US_enh_CENSUS_PartB_r1.lfs	1,205,705 KB

2023Q2.1

Number of data files: 14

Part A (7 files)

rd_US_enh_CENSUS_PLUS_A.lfs	854,448 KB
rd_US_enh_CENSUS_PLUS_A_f.lfs	383,948 KB
rd_US_enh_CENSUS_PLUS_A_m.lfs	732,313 KB
rd_US_enh_CENSUS_PLUS_A_pr.lfs	1,049,912 KB
rd_US_enh_CENSUS_PLUS_A_r.lfs	888,326 KB
rd_US_enh_CENSUS_PLUS_A_r1.lfs	900,105 KB
rd_US_enh_CENSUS_PLUS_A_r2.lfs	408,374 KB

Part B (7 files)

rd_US_enh_CENSUS_PLUS_B.lfs	1,323,575 KB
rd_US_enh_CENSUS_PLUS_B_f.lfs	888,096 KB
rd_US_enh_CENSUS_PLUS_B_m.lfs	692,314 KB
rd_US_enh_CENSUS_PLUS_B_pr.lfs	1,370,399 KB
rd_US_enh_CENSUS_PLUS_B_r.lfs	1,298,424 KB
rd_US_enh_CENSUS_PLUS_B_r1.lfs	1,282,248 KB
rd_US_enh_CENSUS_PLUS_B_r2.lfs	113,591 KB

Recommended data cache size: 18

Recommended memory size: 16 GB

Case Resolutions

2023Q2.1 Data related Case Fixes

Case Number	Change Description	Category	Country	Example Address
CAS-97003-C3P1G9	Improvement of SubBuilding parsing	Data	CA	<p><u>1st Address</u> Address1: A-38 Stafford St Woodstock ON N4S 3Z6 Country: CA</p> <p><u>2nd Address</u> Address1: A 4512 Boul Saint-Joseph Drummondville, QC J2A 1B1 Country: CA</p>

Before Image

Loqate Demonstration UI v2.46.1.16713-70df3ba

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data
 ID: []
 Organization: []
 Address: A-38 Stafford St Woodstock ON N4S 3Z6

Output
 Address Quality Index: A 1 Result Count: 1
 Address Verification Code: P44-144-P6-100
 Organization: [] Empty
 SubBuilding: [] Empty
 Premise: 38 Verified no change
 Building: A Identified context
 PostBox: [] Empty
 Thoroughfare: Stafford St Verified no change
 PostalCode: N4S 3Z6 Verified no change
 Country: Canada
 ISO2: CA ISO3: CAN
 Processed Time: 00:00:00.03

Address: A 38 Stafford St Woodstock ON N4S 3Z6
 Latitude: 43.131560
 Longitude: -80.736367
 Accuracy: 14
 Distance: 0.0

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: A-38 Stafford St Woodstock ON N4S 3Z6

Output
 Address Quality Index: A 1 Result Count: 1
 Address Verification Code: V44-155-P6-100
 Organization: [] Empty
 SubBuilding: A Identified no change
 Premise: 38 Verified no change
 Building: [] Empty
 PostBox: [] Empty
 Thoroughfare: Stafford St Verified no change
 PostalCode: N4S 3Z6 Verified no change
 Country: Canada
 ISO2: CA ISO3: CAN
 Processed Time: 00:00:00.05

Address: A-38 Stafford St Woodstock ON N4S 3Z6
 Latitude: 43.131560
 Longitude: -80.736367
 Accuracy: 14
 Distance: 0.0

Server Status: ssOK Process Status: psOK

Loqate Demonstration UI v2.46.1.16713-70df3ba

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

Output

Address A 4512 Boul Saint-Joseph Drummondville QC J2A 1B1 Latitude 45.872464 Longitude -72.480869 Accuracy A2 Distance 13291.6 [Map This Location](#)

Address Quality Index A 1 Result Count 1

Address Verification Code V44-I44-P6-100

Organization Empty

SubBuilding Empty

Premise 4512 Verified no change

Building A Identified context

PostBox Empty

DependentThoroughfare Empty

Thoroughfare Boul Saint-Joseph Verified no change

DoubleDependentLocality Empty

DependentLocality Empty

Locality Drummondville Verified no change

SubAdministrativeArea Drummondville Added

AdministrativeArea QC Verified no change

SuperAdministrativeArea Empty

PostalCode J2A 1B1 Verified no change

Country Canada ISO2 CA ISO3 CAN

Unmatched

Processed Time 00:00:00.45

Server Status: ssOK Process Status: psOK

Loqate Demonstration UI v2.46.1.16713-70df3ba

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

Output

Address A-4512 Boul Saint-Joseph Drummondville QC J2A 1B1 Latitude 45.872464 Longitude -72.480869 Accuracy A2 Distance 13291.6 [Map This Location](#)

Address Quality Index A 1 Result Count 1

Address Verification Code V44-I55-P6-100

Organization Empty

SubBuilding A Identified no change

Premise 4512 Verified no change

Building Empty

PostBox Empty

DependentThoroughfare Empty

Thoroughfare Boul Saint-Joseph Verified no change

DoubleDependentLocality Empty

DependentLocality Empty

Locality Drummondville Verified no change

SubAdministrativeArea Drummondville Added

AdministrativeArea QC Verified no change

SuperAdministrativeArea Empty

PostalCode J2A 1B1 Verified no change

Country Canada ISO2 CA ISO3 CAN

Unmatched

Processed Time 00:00:00.02

Server Status: ssOK Process Status: psOK

Case Number	Change Description	Category	Country	Example Address
CAS-92344-Z2S3Q4	Correction of output Premise format	Data	ID	Address1: Jl. Jawa No.2 Address2: Kec. Medan Timur Locality: Medan AdministrativeArea: ID-SU PostalCode: 20231 Country: ID

Before Image

Loqate Demonstration UI v2.46.1.16713-70df3ba

Input Data: ID, Organization, Address (Jl. Jawa No 2, Kec. Medan Timur), Locality, AdministrativeArea (ID-SU), PostalCode (20231), Country (ID).

Output: Address Quality Index (9), Result Count (1), Address Verification Code (V44-144-P6-083), Organization (Empty), SubBuilding (Empty), Premise (2 - Verified no change), Building (Empty), PostBox (Empty), DependentThoroughfare (Empty), Thoroughfare (Jalan Jawa - Verified alias change), DoubleDependentLocality (Empty), DependentLocality (Medan Timur - Verified no change), Locality (Medan - Added), SubAdministrativeArea (Empty), AdministrativeArea (Sumatera Utara - Verified large change), SuperAdministrativeArea (Empty), PostalCode (20231 - Verified no change), Country (Indonesia), ISO2 (ID), ISO3 (IDN), Unmatched (Kec), Processed Time (00:00:01).

Server Status: ssOK | Process Status: psOK

After Image

Loqate Demonstration UI v2.46.0.16671-7947713

Input Data: ID, Organization, Address (Jl. Jawa No 2, Kec. Medan Timur), Locality, AdministrativeArea (ID-SU), PostalCode (20231), Country (ID).

Output: Address Quality Index (9), Result Count (1), Address Verification Code (V44-144-P6-083), Organization (Empty), SubBuilding (Empty), Premise (No 2 - Verified no change), Building (Empty), PostBox (Empty), DependentThoroughfare (Empty), Thoroughfare (Jalan Jawa - Verified alias change), DoubleDependentLocality (Empty), DependentLocality (Medan Timur - Verified no change), Locality (Medan - Added), SubAdministrativeArea (Empty), AdministrativeArea (Sumatera Utara - Verified large change), SuperAdministrativeArea (Empty), PostalCode (20231 - Verified no change), Country (Indonesia), ISO2 (ID), ISO3 (IDN), Unmatched (Kec), Processed Time (00:00:07).

Server Status: ssOK | Process Status: psOK

Case Number	Change Description	Category	Country	Example Address
CAS-89533-H4F5T4	Improvement of Thoroughfare parsing and verification	Data	IN	Address1: 10 Bannerghatta Main Road Locality: Bangalore AdministrativeArea: Karnataka PostalCode: 560076 Country: India

Before Image

After Image

Case Number	Change Description	Category	Country	Example Address
CAS-97468-M4X3K2	Improvement of SubBuilding parsing	Data	GB	Address1: 1st Floor Bishopsgate Court, 4-12 Norton Folgate AdministrativeArea: London PostalCode: E1 6DB Country: GBR

Before Image	After Image
--------------	-------------

Loqate Demonstration UI v2.46.1.16713-70df3ba

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

Address3: []
Address1: []
Address1: [1st floor Bishopsgate Courts, 4-12 Norton Folgate]

Locality: []
AdministrativeArea: [London]
PostalCode: [E1 6DB]
Country: [GBR]

CertifiedCountryList: [] Parse Verify
Confidence Threshold: [] Match Search
DefaultCountry: [] Format Geocode Enhance

Clear Options Clear Input Clear Output Process

Output

Address Quality Index: [D] 1 Result Count: 1

Address Verification Code: P44-I55-P6-086

Organization: [] Empty
SubBuilding: [Courts 4-12] Identified no change
Premise: [1] Verified no change
Building: [] Empty
PostBox: [] Empty
DependentThoroughfare: [] Empty
Thoroughfare: [Norton Folgate] Verified large change
DoubleDependentLocality: [] Empty
DependentLocality: [Norton Folgate] Identified no change
Locality: [London] Verified no change
SubAdministrativeArea: [] Empty
AdministrativeArea: [London] Added
SuperAdministrativeArea: [] Empty
PostalCode: [E1 6DB] Verified no change
Country: [United Kingdom]
ISO2: [GB] ISO3: [GBR]
Unmatched: []
Processed Time: 00:00:00.00

Cache Stats Shortcuts View All To Clipboard

Output

Address: [Courts 4-12
1 Norton Folgate
Norton Folgate
London
E1 6DB] Latitude: [] Longitude: [] Accuracy: [] Distance: []
Map This Location

Server Status: ssOK Process Status: psOK

Loqate Demonstration UI v2.46.1.16713-70df3ba

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

Address1: []
Address2: []
Address3: [1st floor Bishopsgate Courts, 4-12 Norton Folgate]

Country: [GBR]
PostalCode: [E1 6DB]
AdministrativeArea: [London]
Address7: []

CertifiedCountryList: [] Parse Verify
Confidence Threshold: [] Match Search
DefaultCountry: [] Format Geocode Enhance

Clear Options Clear Input Clear Output Process

Output

Address Quality Index: [B] 1 Result Count: 1

Address Verification Code: P44-I55-P6-099

Organization: [] Empty
SubBuilding: [1st Floor] Identified no change
Premise: [4-12] Verified no change
Building: [Bishopsgate Court] Verified small change
PostBox: [] Empty
DependentThoroughfare: [] Empty
Thoroughfare: [Norton Folgate] Verified no change
DoubleDependentLocality: [] Empty
DependentLocality: [] Empty
Locality: [London] Verified no change
SubAdministrativeArea: [] Empty
AdministrativeArea: [London] Added
SuperAdministrativeArea: [] Empty
PostalCode: [E1 6DB] Verified no change
Country: [United Kingdom]
ISO2: [GB] ISO3: [GBR]
Unmatched: []
Processed Time: 00:00:00.00

Cache Stats Shortcuts View All To Clipboard

Output

Address: [1st Floor Bishopsgate Court
4-12 Norton Folgate
London
E1 6DB] Latitude: [] Longitude: [] Accuracy: [] Distance: []
Map This Location

Server Status: ssOK Process Status: psOK

Case Number	Change Description	Category	Country	Example Address
CAS-96613-POL5X4	Improvement of SubBuilding parsing	Data	BG	Address1: ул. Славянска 1, вход Б, апт. 1 Locality: Варна PostalCode: 9000 Country: BG

Before Image

Loqate Demonstration UI v2.47.0.16871-6caae19

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

ID [] Organization [] Address ул. Славянска 1, вход Б, апт. 1

Locality Варна AdministrativeArea [] PostalCode 9000 Country BG

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

Clear Options Clear Input Clear Output Process

Output

Address Quality Index 5 Result Count 1

Address Verification Code V42-44-P4-085

Organization [] Empty

SubBuilding [] Empty

Premise 1 Verified no change

Building [] Empty

PostBox [] Empty

DependentThoroughfare [] Empty

Thoroughfare Улица Цар Иван Александър Verified large change

DoubleDependentLocality [] Empty

DependentLocality [] Empty

Locality Варна Verified no change

SubAdministrativeArea [] Empty

AdministrativeArea Варна Added

SuperAdministrativeArea [] Empty

PostalCode 9003 Verified large change

Country Bulgaria

ISO2 BG ISO3 BGR

Unmatched []

Processed Time 00:00:00.07

Cache Stats Shortcuts View All To Clipboard

Output

Address Улица Цар Иван Александър 9003 Варна Latitude 43.182020 Longitude 27.901060 Accuracy P4 Distance 0.0 Map This Location

Server Status: ssOK Process Status: psOK

After Image

Loqate Demonstration UI v2.47.0.16871-6caae19

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

ID [] Organization [] Address ул. Славянска 1, вход Б, апт. 1

Locality Варна AdministrativeArea [] PostalCode 9000 Country BG

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

Clear Options Clear Input Clear Output Process

Output

Address Quality Index 5 Result Count 1

Address Verification Code V44-15-P4-094

Organization [] Empty

SubBuilding Апт. 1 Вход Б Identified no change

Premise 1 Verified no change

Building [] Empty

PostBox [] Empty

DependentThoroughfare [] Empty

Thoroughfare Улица Славянска Verified alias change

DoubleDependentLocality [] Empty

DependentLocality [] Empty

Locality Варна Verified no change

SubAdministrativeArea [] Empty

AdministrativeArea Варна Added

SuperAdministrativeArea [] Empty

PostalCode 9002 Verified large change

Country Bulgaria

ISO2 BG ISO3 BGR

Unmatched []

Processed Time 00:00:00.05

Cache Stats Shortcuts View All To Clipboard

Output

Address Улица Славянска 1 Апт. 1 9002 Варна Latitude 43.204760 Longitude 27.921780 Accuracy P4 Distance 0.0 Map This Location

Server Status: ssOK Process Status: psOK

Case Number	Change Description	Category	Country	Example Address
CAS-98628-X8Q8H1	Improvement of Thoroughfare parsing	Data	MC	Address1: 2 AVENUE DE MONTE CARLO Locality: MONACO CEDEX AdministrativeArea: Monaco PostalCode: 98014 Country: Monaco

Before Image

Loqate Demonstration UI v2.47.0.16871-6caae19

Input Data: ID, Organization, Address: 2 AVENUE DE MONTE CARLO

Output: Address Quality Index: 9, Result Count: 1

Address Verification Code: V42-I44-P4-080

Organization: Empty

SubBuilding: Empty

Premise: 2, Verified no change

Building: Empty

PostBox: Empty

DependentThoroughfare: Empty

Thoroughfare: Avenue De La Costa, Verified large change

DoubleDependentLocality: Empty

DependentLocality: Monte-Carlo, Added

Locality: Monte-Carlo, Verified alias change

SubAdministrativeArea: Empty

AdministrativeArea: Monaco, Identified context

SuperAdministrativeArea: Empty

PostalCode: 98000, Verified large change

Country: Monaco

ISO2: MC, ISO3: MCO

Unmatched: Monaco Cedex

Processed Time: 00:00:00.02

Output: Address: 2 Avenue De La Costa, 98000 Monte-Carlo Monaco

Latitude: 43.737450, Longitude: 7.423420, Accuracy: P4, Distance: 0.0

Server Status: ssOK, Process Status: psOK

After Image

Loqate Demonstration UI v2.47.0.16871-6caae19

Input Data: ID, Organization, Address: 2 AVENUE DE MONTE CARLO

Output: Address Quality Index: 9, Result Count: 4

Address Verification Code: A22-I44-P4-080

Organization: Empty

SubBuilding: Empty

Premise: 2, Identified no change

Building: Empty

PostBox: Empty

DependentThoroughfare: Empty

Thoroughfare: Avenue De Monte Carlo, Identified no change

DoubleDependentLocality: Empty

DependentLocality: Empty

Locality: Monaco, Verified no change

SubAdministrativeArea: Empty

AdministrativeArea: Monaco, Identified context

SuperAdministrativeArea: Empty

PostalCode: 98000, Verified large change

Country: Monaco

ISO2: MC, ISO3: MCO

Unmatched: Monaco Cedex

Processed Time: 00:00:00.02

Output: Address: 2 Avenue De Monte Carlo, 98000 Monaco

Latitude: 43.737970, Longitude: 7.426998, Accuracy: P4, Distance: 49.5

Server Status: ssOK, Process Status: psOK

Case Number	Change Description	Category	Country	Example Address
CAS-94184-G5Y7F8	Improvement of address parsing and verification	Data	US	Address1: HIGHWAY 27 AND SUNRISE LK Locality: CLEARMONT AdministrativeArea: FL Country: US

Before Image

Loqate Demonstration UI v2.47.0.16871-6caae19

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

ID [] Organization [] Address HIGHWAY 27 AND SUNRISE LK

Locality CLEARMONT AdministrativeArea FL PostalCode [] Country US

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

Clear Options Clear Input Clear Output Process

Output

Address Quality Index 8 Result Count 1

Address Verification Code P22-I45-P0-100

Organization Highway Identified context

SubBuilding [] Empty

Premise 27 Identified no change

Building [] Empty

PostBox [] Empty

DependentThoroughfare [] Empty

Thoroughfare And Sunrise Lk Identified no change

DoubleDependentLocality [] Empty

DependentLocality [] Empty

Locality Clearmont Verified no change

SubAdministrativeArea [] Empty

AdministrativeArea FL Identified no change

SuperAdministrativeArea [] Empty

PostalCode [] Empty

Country United States

ISO2 US ISO3 USA

Unmatched []

Processed Time 00:00:00.10

Cache Stats Shortcuts View All To Clipboard

Output

Address Highway 27 And Sunrise Lk Clearmont FL

Latitude [] Longitude [] Accuracy [] Distance []

Map This Location

Server Status: ssOK Process Status: psOK

After Image

Loqate Demonstration UI v2.47.0.16871-6caae19

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

ID [] Organization [] Address HIGHWAY 27 AND SUNRISE LK

Locality CLEARMONT AdministrativeArea FL PostalCode [] Country US

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

Clear Options Clear Input Clear Output Process

Output

Address Quality Index 9 Result Count 1

Address Verification Code P31-I44-P3-096

Organization [] Empty

SubBuilding [] Empty

Premise [] Empty

Building Sunrise Lake Identified alias

PostBox [] Empty

DependentThoroughfare [] Empty

Thoroughfare Highway 27 Verified no change

DoubleDependentLocality [] Empty

DependentLocality [] Empty

Locality Clemont Verified small change

SubAdministrativeArea Lake Added

AdministrativeArea FL Verified no change

SuperAdministrativeArea [] Empty

PostalCode 34715 Added

Country United States

ISO2 US ISO3 USA

Unmatched []

Processed Time 00:00:00.06

Cache Stats Shortcuts View All To Clipboard

Output

Address Sunrise Lake Highway 27 Clemont FL 34715

Latitude [] Longitude [] Accuracy [] Distance []

Map This Location

Server Status: ssOK Process Status: psOK

Case Number	Change Description	Category	Country	Example Address
CAS-50196-P8Q8K3	Improvement of Locality added	Data	RS	PostalCode: 22320 Country: SRB

Before Image

Loqate Demonstration UI v2.47.0.16871-6caae19

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

ID [] Organization [] Address1 []

Locality [] Address5 [] PostalCode [22320] Country [Serbia]

OutputScript [] Parse Verify

ForceCountry [] Match Search

CustomFieldConfidenc [] Format Geocode Enhance

Clear Options Clear Input Clear Output Process

Output

Address 22320 Latitude [] Longitude [] Accuracy [] Distance [] Map This Location

Address Quality Index [1] Result Count [50]

Address Verification Code [A22-I22-P6-100]

Organization [] Empty

SubBuilding [] Empty

Premise [] Empty

Building [] Empty

PostBox [] Empty

DependentThoroughfare [] Empty

Thoroughfare [] Empty

DoubleDependentLocality [] Empty

DependentLocality [] Empty

Locality [] Empty

SubAdministrativeArea [] Empty

AdministrativeArea [Sremski Okrug] Added

SuperAdministrativeArea [Vojvodina] Added

PostalCode [22320] Verified no change

Country [Serbia]

ISO2 [RS] ISO3 [SRB]

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 v2.47.0.16871-6caae19

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

ID [] Organization [] Address1 []

Locality [] Address5 [] PostalCode [22320] Country [Serbia]

OutputScript [] Parse Verify

ForceCountry [] Match Search

CustomFieldConfidenc [] Format Geocode Enhance

Clear Options Clear Input Clear Output Process

Output

Address 22320 Indjia Latitude [] Longitude [] Accuracy [] Distance [] Map This Location

Address Quality Index [C] Result Count [1]

Address Verification Code [P22-I22-P6-100]

Organization [] Empty

SubBuilding [] Empty

Premise [] Empty

Building [] Empty

PostBox [] Empty

DependentThoroughfare [] Empty

Thoroughfare [] Empty

DoubleDependentLocality [] Empty

DependentLocality [] Empty

Locality [Indjia] Added

SubAdministrativeArea [Indjia] Added

AdministrativeArea [Sremski Okrug] Added

SuperAdministrativeArea [Vojvodina] Added

PostalCode [22320] 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-10792-C2K9T1	Correction of Locality added	Data	RS	PostalCode: 19220 Country: SRB

Before Image	After Image
--------------	-------------

Loqate Demonstration UI v2.47.0.16871-6caae19

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

ID [] Organization [] Address1 []

Locality [] Address5 [] PostalCode [19220] Country [SRB]

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

Clear Options Clear Input Clear Output Process

Output

Address Quality Index [C] [1] Result Count [1]

Address Verification Code [P22-I22-P6-100]

Organization [] Empty SubBuilding [] Empty Premise [] Empty Building [] Empty PostBox [] Empty

DependentThoroughfare [] Empty Thoroughfare [] Empty DoubleDependentLocality [] Empty

DependentLocality [] Empty Locality [**Majdanpek**] Added SubAdministrativeArea [] Empty AdministrativeArea [Borski Okrug] Added SuperAdministrativeArea [Centralna Srbija] Added

PostalCode [19220] Verified no change Country [Serbia] ISO2 [RS] ISO3 [SRB] Unmatched [] Processed Time [00:00:00.00]

Cache Stats Shortcuts View All To Clipboard

Map This Location

Server Status: ssOK Process Status: psOK

Loqate Demonstration UI v2.47.0.16871-6caae19

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

ID [] Organization [] Address1 []

Locality [] Address5 [] PostalCode [19220] Country [SRB]

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

Clear Options Clear Input Clear Output Process

Output

Address Quality Index [B] [18] Result Count [50]

Address Verification Code [A32-I33-P6-100]

Organization [] Empty SubBuilding [] Empty Premise [] Empty Building [] Empty PostBox [] Empty

DependentThoroughfare [] Empty Thoroughfare [Ulica Djerdapska] Added DoubleDependentLocality [] Empty

DependentLocality [] Empty Locality [**Donji Milanovac**] Added SubAdministrativeArea [Majdanpek] Added AdministrativeArea [Borski Okrug] Added SuperAdministrativeArea [Centralna Srbija] Added

PostalCode [19220] Verified no change Country [Serbia] ISO2 [RS] ISO3 [SRB] Unmatched [] Processed Time [00:00:00.02]

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-92391-G2Q3W6	Improvement of Premise verification	Data	BE	67F Rue Fond des Chansons 5621 Florennes

Before Image

Loqate Demonstration UI v2.46.0.16647-7b52b3c

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

Address3: []

Address2: []

Address1: 67F Rue Fond des Chansons 5621
Florennes

Locality: []

Organization: []

PostalCode: []

Country: BELGIUM

OutputScript: [] 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: V44-144-P6-100

Organization: [] Empty

SubBuilding: [] Empty

Premise: 67A Verified alias change

Building: [] Empty

PostBox: [] Empty

DependentThoroughfare: [] Empty

Thoroughfare: Rue Fond-Des-Chansons Verified alias change

DoubleDependentLocality: [] Empty

DependentLocality: [] Empty

Locality: Florennes Verified no change

SubAdministrativeArea: Philippeville Added

AdministrativeArea: Namur Added

SuperAdministrativeArea: Wallonie Added

PostalCode: 5621 Verified no change

Country: Belgium

ISO2: BE ISO3: BEL

Unmatched: []

Processed Time: 00:00:00.04

Cache Stats Shortcuts View All To Clipboard

Output

Address: Rue Fond-Des-Chansons 67A
5621 Florennes

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

Map This Location

Server Status: ssOK Process Status: psOK

After Image

Loqate Demonstration UI v2.46.0.16647-7b52b3c

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

Address3: []

Address2: []

Address1: 67F Rue Fond des Chansons 5621
Florennes

Locality: []

Organization: []

PostalCode: []

Country: BELGIUM

OutputScript: [] 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: V44-144-P6-100

Organization: [] Empty

SubBuilding: [] Empty

Premise: 67F Verified no change

Building: [] Empty

PostBox: [] Empty

DependentThoroughfare: [] Empty

Thoroughfare: Rue Fond-Des-Chansons Verified alias change

DoubleDependentLocality: [] Empty

DependentLocality: [] Empty

Locality: Florennes Verified no change

SubAdministrativeArea: Philippeville Added

AdministrativeArea: Namur Added

SuperAdministrativeArea: Wallonie Added

PostalCode: 5621 Verified no change

Country: Belgium

ISO2: BE ISO3: BEL

Unmatched: []

Processed Time: 00:00:00.06

Cache Stats Shortcuts View All To Clipboard

Output

Address: Rue Fond-Des-Chansons 67F
5621 Florennes

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

Map This Location

Server Status: ssOK Process Status: psOK

Case Number	Change Description	Category	Country	Example Address
CAS-99215-N1P6Z3	Improve Census+ data to return BlockCode, BlockGroupCode and TractCode to the reported address	Data	US	Address1: 20573 GLEN BROOK TER Locality: POTOMAC FALLS AdministrativeArea: VA PostalCode: 20165 Country: USA

Before Image

Loqate Demonstration UI v2.47.0.16871-6c4a19

Input Data: Address1: 20573 GLEN BROOK TER, Locality: POTOMAC FALLS, AdministrativeArea: VA, PostalCode: 20165, Country: USA

Address Verification Code: V42-044-P7-067

Output: Address Quality Index: B, Result Count: 1

Field	Value	Status
CountryName	United States	Match
CountyCode	107	Match
DeliveryAddress	20573 Glenbrook Ter	Match
DeliveryPostBeCode	888	Match
DPVConfirmedIndicator	D	Match
DPVFootnote	AAH1	Match
DPVULACIndicator	A	Match
elOTCode	A	Match
elOTNumber	0339	Match
EWFlag		Match
FilerFootnoteIndicator		Match
FIPSCountyCode	51107	Match
GISStateID	254825	Match
ISO1566-2	US	Match
ISO1566-3	USA	Match
ISO1566-N	840	Match
LACSLinkCode		Match
LACSLinkIndicator		Match
LACSStatus		Match
Locality	Stirling	Match
MatchRuleLabel	D2 CE D1 D1	Match
MetroDivisionCode	47894	Match
MetroDivisionName	Washington-Norfolk-Alexandria, DC-Va-MD-NV	Match
NoStarIndicator	Y	Match
OldMSACode	8840	Match
OldMSAName	Washington, DC-MD-Va Wv Pres	Match
Organization		Match
ParcelNumber		Match
PMBNumber		Match
PMBType		Match
PostalCode	20165-6581	Match
PostalCodePrimary	20165	Match
PostalCodeSecondary	6581	Match
Premise	20573	Match
PremiseNumber	20573	Match
PremiseAddressLine	20573 GLENBROOK TER	Match
PremiseAddressLine2		Match
Record Type	H	Match
ResidentialDelivery	Y	Match
ResultsString	ACTN,ARIS,ASID,AS17	Match
ReturnCode	32	Match
SecondaryAddressLine		Match
StateCode	51	Match
Sub-Administrative Area	Loudoun	Match
Sub-Building		Match
Sub-BuildingLeadingType		Match
Sub-BuildingNumber		Match
SUTTELonFootcode	00	Match
Thoroughfare	Glenbrook Ter	Match
ThoroughfareName	Glenbrook	Match
ThoroughfarePostDirection		Match
ThoroughfarePreDirection		Match
ThoroughfareTrailingType	Ter	Match
TimeZone_DST	04:00	Match
TimeZone_Name	America/Standard Time	Match
TimeZone_U7C	04:00	Match
VariantIndicator	N	Match

TractCode: (Empty) ←

After Image

Loqate Demonstration UI v2.40.0.15679-ea4400

Input Data: Address1: 20573 GLEN BROOK TER, Locality: POTOMAC FALLS, AdministrativeArea: VA, PostalCode: 20165, Country: USA

Address Verification Code: V44-144-P7-100

Output: Address Quality Index: A, Result Count: 1

Field	Value	Status
CountryName	United States	Match
CountyCode	107	Match
DeliveryAddress	20573 Glenbrook Ter	Match
DeliveryPostBeCode	888	Match
DPVConfirmedIndicator	D	Match
DPVFootnote	AAH1	Match
DPVULACIndicator	A	Match
elOTCode	A	Match
elOTNumber	0339	Match
EWFlag		Match
FilerFootnoteIndicator		Match
FIPSCountyCode	51107	Match
GISStateID	254825	Match
ISO1566-2	US	Match
ISO1566-3	USA	Match
ISO1566-N	840	Match
LACSLinkCode		Match
LACSLinkIndicator		Match
LACSStatus		Match
Locality	Stirling	Match
MatchRuleLabel	D2 CE D1 D1	Match
MetroDivisionCode	47894	Match
MetroDivisionName	Washington-Norfolk-Alexandria, DC-Va-MD-NV	Match
NoStarIndicator	Y	Match
OldMSACode	8840	Match
OldMSAName	Washington, DC-MD-Va Wv Pres	Match
Organization		Match
ParcelNumber		Match
PMBNumber		Match
PMBType		Match
PostalCode	20165-6581	Match
PostalCodePrimary	20165	Match
PostalCodeSecondary	6581	Match
Premise	20573	Match
PremiseNumber	20573	Match
PremiseAddressLine	20573 GLENBROOK TER	Match
PremiseAddressLine2		Match
Record Type	H	Match
ResidentialDelivery	Y	Match
ResultsString	ACTN,ARIS,ASID,AS17	Match
ReturnCode	32	Match
SecondaryAddressLine		Match
StateCode	51	Match
Sub-Administrative Area	Loudoun	Match
Sub-Building		Match
Sub-BuildingLeadingType		Match
Sub-BuildingNumber		Match
SUTTELonFootcode	00	Match
Thoroughfare	Glenbrook Ter	Match
ThoroughfareName	Glenbrook	Match
ThoroughfarePostDirection		Match
ThoroughfarePreDirection		Match
ThoroughfareTrailingType	Ter	Match
TimeZone_DST	04:00	Match
TimeZone_Name	America/Standard Time	Match
TimeZone_U7C	04:00	Match
VariantIndicator	N	Match

Field	Value
BlockCode	1013
BlockGroupCode	1
TractCode	611101