

Loqate, A GBG Solution

Release Notes – Reference Data & Knowledge Base

2022Q4.0 Major Release

Case Resolutions

Please visit <https://support.loqate.com/2022q4-0-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	2022-08-18	2022-12-31
CASS Data	2022-10-10	2023-01-28
CASS (2) Data	2022-10-07	2022-12-31
SERP	2022-10-10	2022-11-17

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 Refreshes	Description
Netherlands Antilles	The dismantling of Netherlands Antilles
Argentina	Improvement in address verification
Colombia	Improvement in thoroughfare verification
France	AdministrativeArea name changed: Réunion corrected to Réunion
Luxembourg	Removal of whole SuperAdministrativeArea field level (abolished districts) from reference data.
Poland	Improvement of address verification
Saudi Arabia	Improvement of address verification
Turkey	Improvement in address verification
Vietnam	Postal codes switched from 6-digits back to 5-digits system. Improvement in parsing of Thoroughfare and SubBuilding.

Details of Refreshes/rebuilds

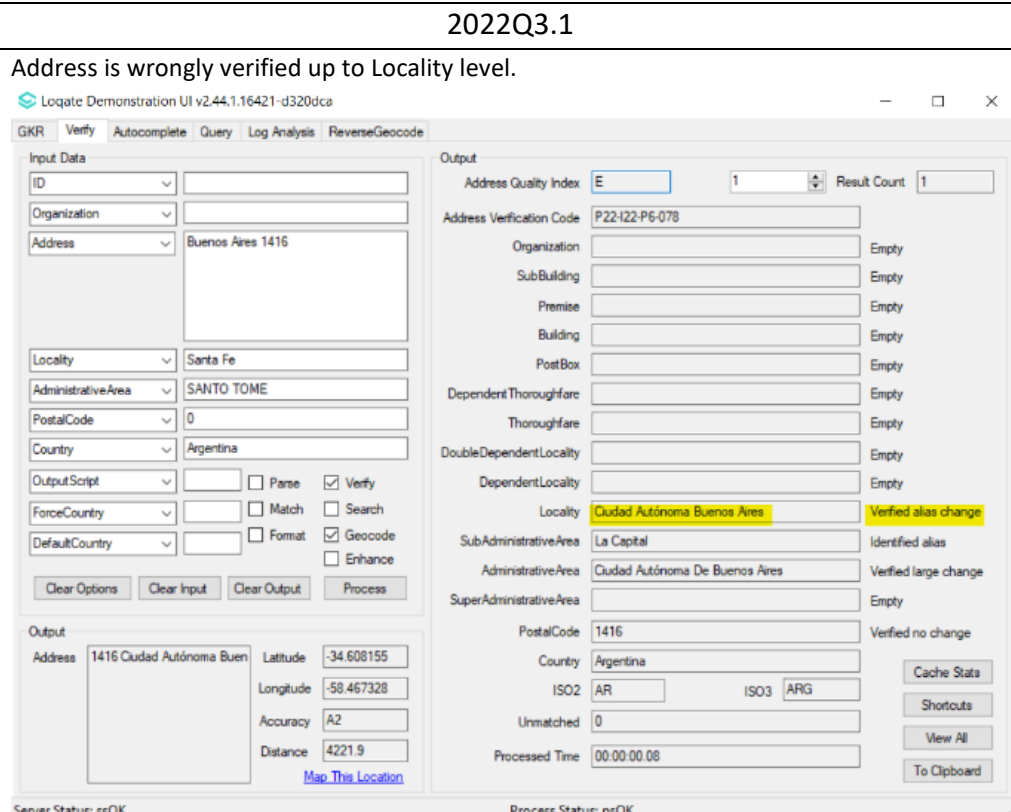
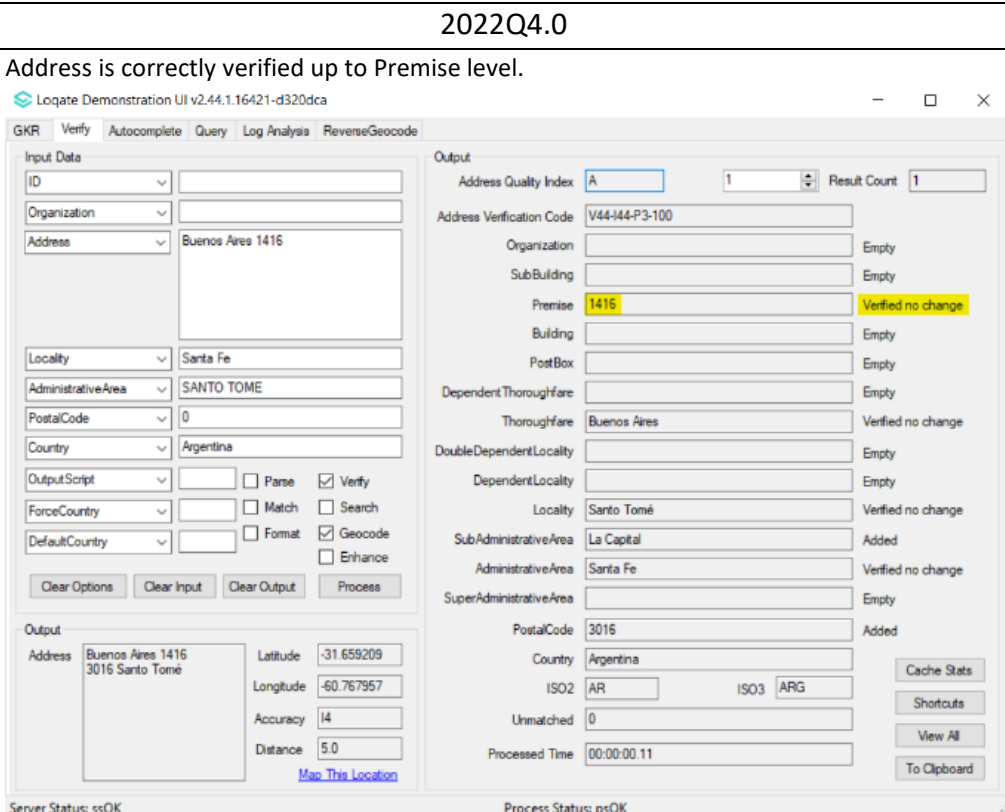
Netherlands Antilles

Netherlands Antilles was dismantled, and it will no longer be supported by Loqate from this release.

Referencing site: <http://www.dutchcaribbeanlegalportal.com/news/publications/84-editorials/spigthoff/1198-the-dismantling-of-the-netherlands-antilles>

Argentina

Improvement in address verification.

2022Q3.1	2022Q4.0
<p>Address is wrongly verified up to Locality level.</p>  <p>Loqate Demonstration UI v2.44.1.16421-d320dca</p> <p>Input Data</p> <p>ID: [] Organization: [] Address: Buenos Aires 1416</p> <p>Locality: Santa Fe AdministrativeArea: SANTO TOME PostalCode: 0 Country: Argentina</p> <p>Output</p> <p>Address Quality Index: E Result Count: 1</p> <p>Address Verification Code: P22-I22-P6-078</p> <p>Organization: [] Empty</p> <p>SubBuilding: [] Empty</p> <p>Premise: [] Empty</p> <p>Building: [] Empty</p> <p>PostBox: [] Empty</p> <p>DependentThoroughfare: [] Empty</p> <p>Thoroughfare: [] Empty</p> <p>DoubleDependentLocality: [] Empty</p> <p>DependentLocality: [] Empty</p> <p>Locality: Ciudad Autónoma Buenos Aires Verified alias change</p> <p>SubAdministrativeArea: La Capital Identified alias</p> <p>AdministrativeArea: Ciudad Autónoma De Buenos Aires Verified large change</p> <p>SuperAdministrativeArea: [] Empty</p> <p>PostalCode: 1416 Verified no change</p> <p>Country: Argentina</p> <p>ISO2: AR ISO3: ARG</p> <p>Unmatched: 0</p> <p>Processed Time: 00:00:00.08</p> <p>Output</p> <p>Address: 1416 Ciudad Autónoma Buen Latitude: -34.608155 Longitude: -58.467328 Accuracy: A2 Distance: 4221.9</p> <p>Cache Stats Shortcuts View All To Clipboard</p> <p>Server Status: ssOK Process Status: psOK</p>	<p>Address is correctly verified up to Premise level.</p>  <p>Loqate Demonstration UI v2.44.1.16421-d320dca</p> <p>Input Data</p> <p>ID: [] Organization: [] Address: Buenos Aires 1416</p> <p>Locality: Santa Fe AdministrativeArea: SANTO TOME PostalCode: 0 Country: Argentina</p> <p>Output</p> <p>Address Quality Index: A Result Count: 1</p> <p>Address Verification Code: V44-I44-P3-100</p> <p>Organization: [] Empty</p> <p>SubBuilding: [] Empty</p> <p>Premise: 1416 Verified no change</p> <p>Building: [] Empty</p> <p>PostBox: [] Empty</p> <p>DependentThoroughfare: [] Empty</p> <p>Thoroughfare: Buenos Aires Verified no change</p> <p>DoubleDependentLocality: [] Empty</p> <p>DependentLocality: [] Empty</p> <p>Locality: Santo Tomé Verified no change</p> <p>SubAdministrativeArea: La Capital Added</p> <p>AdministrativeArea: Santa Fe Verified no change</p> <p>SuperAdministrativeArea: [] Empty</p> <p>PostalCode: 3016 Added</p> <p>Country: Argentina</p> <p>ISO2: AR ISO3: ARG</p> <p>Unmatched: 0</p> <p>Processed Time: 00:00:00.11</p> <p>Output</p> <p>Address: Buenos Aires 1416 3016 Santo Tome Latitude: -31.659209 Longitude: -60.767957 Accuracy: I4 Distance: 5.0</p> <p>Cache Stats Shortcuts View All To Clipboard</p> <p>Server Status: ssOK Process Status: psOK</p>

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

T (800) 313-3910 | E support@loqate.com | <http://www.loqate.com>

Registered office as above. Registered in England and Wales number 2415211. VAT number 539 7162 18.



Colombia

Improvement in thoroughfare verification.

2022Q3.1

Input '#' sign was stripped off from verified Thoroughfare.

Loqate Demonstration UI v2.43.0.16109-4c1232d

Input Data:

- ID: [Empty]
- Organization: [Empty]
- Address: Calle 44 Bis # 6A - 11, Comuna 4, SANTIAGO DE CALI 760003
- Locality: [Empty]
- AdministrativeArea: [Empty]
- PostalCode: [Empty]
- Country: CO

Output:

- Address Quality Index: A
- Address Verification Code: V44-44-P6-100
- Organization: [Empty]
- SubBuilding: [Empty]
- Premise: 11 (Verified no change)
- Building: [Empty]
- PostBox: [Empty]
- DependentThoroughfare: [Empty]
- Thoroughfare: Calle 44 Bis 6A (Verified alias change)
- DoubleDependentLocality: [Empty]
- DependentLocality: Comuna 4 (Verified no change)
- Locality: SANTIAGO DE CALI (Verified no change)
- SubAdministrativeArea: Sur (Added)
- AdministrativeArea: VALLE DEL CAUCA (Added)
- SuperAdministrativeArea: [Empty]
- PostalCode: 760003 (Verified no change)
- Country: Colombia
- ISO2: CO, ISO3: COL
- Unmatched: [Empty]
- Processed Time: 00:00:00.06

Output Script: [Empty] ☐ Parse ☒ Verify ☐ Match ☐ Search ☐ Geocode ☐ Enhance

Clear Options Clear Input Clear Output Process

Output:

- Address: Calle 44 Bis 6A - 11, Comuna 4, SANTIAGO DE CALI 760003, VALLE DEL CAUCA
- Latitude: [Empty]
- Longitude: [Empty]
- Accuracy: [Empty]
- Distance: [Empty]
- Map This Location

Server Status: ssOK Process Status: psOK

2022Q4.0

Input '#' sign no longer stripped off from verified Thoroughfare.

Loqate Demonstration UI v2.43.0.16109-4c1232d

Input Data:

- ID: [Empty]
- Organization: [Empty]
- Address: Calle 44 Bis # 6A - 11, Comuna 4, SANTIAGO DE CALI 760003
- Locality: [Empty]
- AdministrativeArea: [Empty]
- PostalCode: [Empty]
- Country: CO

Output:

- Address Quality Index: A
- Address Verification Code: V44-44-P6-100
- Organization: [Empty]
- SubBuilding: [Empty]
- Premise: 11 (Verified no change)
- Building: [Empty]
- PostBox: [Empty]
- DependentThoroughfare: [Empty]
- Thoroughfare: Calle 44 Bis # 6A (Verified alias change)
- DoubleDependentLocality: [Empty]
- DependentLocality: Comuna 4 (Verified no change)
- Locality: SANTIAGO DE CALI (Verified no change)
- SubAdministrativeArea: Sur (Added)
- AdministrativeArea: VALLE DEL CAUCA (Added)
- SuperAdministrativeArea: [Empty]
- PostalCode: 760003 (Verified no change)
- Country: Colombia
- ISO2: CO, ISO3: COL
- Unmatched: [Empty]
- Processed Time: 00:00:00.16

Output Script: [Empty] ☐ Parse ☒ Verify ☐ Match ☐ Search ☐ Geocode ☐ Enhance

Clear Options Clear Input Clear Output Process

Output:

- Address: Calle 44 Bis # 6A - 11, Comuna 4, SANTIAGO DE CALI 760003, VALLE DEL CAUCA
- Latitude: [Empty]
- Longitude: [Empty]
- Accuracy: [Empty]
- Distance: [Empty]
- Map This Location

Server Status: ssOK Process Status: psOK

France

AdministrativeArea name correction

2022Q3.1

Réunion was accented incorrectly as Reunion

Loqate Demonstration UI v2.43.1.16124-20c8f7e

GKR

Verify

Autocomplete

Query

Log Analysis

ReverseGeocode

Input Data

ID

Address2

Address1

Locality

AdministrativeArea

PostalCode

Country

OutputScript

ForceCountry

DefaultCountry

582 Chem. Dubuisson, Saint-Leu 97436, Reunion

FR

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

A

V44-I44-P6-100

582

Chemin Dubuisson

SAINT-LEU

Reunion

97436

France

FR

FRA

00:00:00.01

Result Count

1

Verified no change

Verified no change

Verified no change

Verified alias change

Verified no change

Verified no change

Verified no change

Verified no change

Verified no change

Verified no change

Verified no change

Verified no change

Verified no change

Verified no change

Verified no change

Output

Address

Latitude

Longitude

Accuracy

Distance

582 Chemin Dubuisson 97436 SAINT-LEU

Map This Location

Server Status: ssOK

Process Status: psOK

2022Q4.0

Réunion is now corrected

Loqate Demonstration UI v2.43.1.16124-20c8f7e

GKR

Verify

Autocomplete

Query

Log Analysis

ReverseGeocode

Input Data

ID

Address2

Address1

Locality

AdministrativeArea

PostalCode

Country

OutputScript

ForceCountry

DefaultCountry

582 Chem. Dubuisson, Saint-Leu 97436, Reunion

FR

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

A

V44-I44-P6-100

582

Chemin Dubuisson

SAINT-LEU

Reunion

97436

France

FR

FRA

00:00:00.01

Result Count

1

Verified no change

Verified no change

Verified no change

Verified no change

Verified no change

Verified no change

Verified no change

Verified no change

Verified no change

Verified no change

Verified no change

Verified no change

Verified no change

Verified no change

Verified no change

Output

Address

Latitude

Longitude

Accuracy

Distance

582 Chemin Dubuisson 97436 SAINT-LEU

Map This Location

Server Status: ssOK

Process Status: psOK

GBG Loqate, 3101 Park Blvd, Suite 01-105, Palo Alto, CA 94306-2233, USA
T (800) 313-3910 | E support@loqate.com | <http://www.loqate.com>
Registered office as above. Registered in England and Wales number 2415211. VAT number 539 7162 18.

Luxembourg

Removal of whole SuperAdministrativeArea field level (abolished districts) from reference data.

2022Q3.1

SuperAdministrativeArea added in output.

Loqate Demonstration UI v2.42.0.16013-6062831

GKRVerifyAutocompleteQueryLog AnalysisReverseGeocode

Input Data

Address3

Address2

Address12 AN DER HEENERICHT

LocalityHerbom

AdministrativeArea

PostalCodeL-6665

CountryLU

OutputScript

ForceCountry

DefaultCountry

ParseVerifyMatchSearchFormatGeocodeEnhance

Clear OptionsClear InputClear OutputProcess

Output

Address2 An Der HeenerichtL-6665 Herbom

Latitude

Longitude

Accuracy

Distance

Map This Location

Server Status: ssOK

Process Status: psOK

Output

Address Quality IndexA1Result Count1

Address Verification CodeV44-I44-P6-100

OrganizationEmpty

SubBuildingEmpty

Premise2Verified no change

BuildingEmpty

PostBoxEmpty

DependentThoroughfareEmpty

ThoroughfareAn Der HeenerichtVerified no change

DoubleDependentLocalityEmpty

DependentLocalityEmpty

LocalityHerbomVerified no change

SubAdministrativeAreaRosport-MompachAdded

AdministrativeAreaEchternachAdded

SuperAdministrativeAreaGrevenmacherAdded

PostalCode6665Verified no change

CountryLuxembourg

ISO2LUISO3LUX

Unmatched

Processed Time00:00:00.00

ShortcutsView AllTo Clipboard

2022Q4.0

SuperAdministrativeArea no longer appears in output.

Loqate Demonstration UI v2.42.0.16013-6062831

GKRVerifyAutocompleteQueryLog AnalysisReverseGeocode

Input Data

Address3

Address2

Address12 AN DER HEENERICHT

LocalityHerbom

AdministrativeArea

PostalCodeL-6665

CountryLU

OutputScript

ForceCountry

DefaultCountry

ParseVerifyMatchSearchFormatGeocodeEnhance

Clear OptionsClear InputClear OutputProcess

Output

Address2 An Der HeenerichtL-6665 Herbom

Latitude

Longitude

Accuracy

Distance

Map This Location

Server Status: ssOK

Process Status: psOK

Output

Address Quality Index1Result Count1

Address Verification CodeV44-I44-P6-100

OrganizationEmpty

SubBuildingEmpty

Premise2Verified no change

BuildingEmpty

PostBoxEmpty

DependentThoroughfareEmpty

ThoroughfareAn Der HeenerichtVerified no change

DoubleDependentLocalityEmpty

DependentLocalityEmpty

LocalityHerbomVerified no change

SubAdministrativeAreaRosport-MompachAdded

AdministrativeAreaEchternachAdded

SuperAdministrativeAreaEmpty

PostalCode6665Verified no change

CountryLuxembourg

ISO2LUISO3LUX

Unmatched

Processed Time00:00:00.00

ShortcutsView AllTo Clipboard

GBG Loqate, 3101 Park Blvd, Suite 01-105, Palo Alto, CA 94306-2233, USA
T (800) 313-3910 | E support@loqate.com | <http://www.loqate.com>
Registered office as above. Registered in England and Wales number 2415211. VAT number 539 7162 18.

Poland

Improvement in address verification.

2022Q3.1	2022Q4.0
Premise and thoroughfare were not verified.	Premise and thoroughfare are now verified.
<div><div>Loqate Demonstration UI v2.44.1.16421-d320dca</div><div><div>GKRVerifyAutocompleteQueryLog AnalysisReverseGeocode</div><div><div>Input Data</div><div><div>Address1</div><div>Address2</div><div>Address3</div></div><div><div>ULBOGUMINSKA4</div></div></div><div><div>Locality</div><div>AdministrativeArea</div><div>PostalCode</div><div>Country</div></div><div><div>OutputScript</div><div>ForceCountry</div><div>DefaultCountry</div></div><div><div><div><input type="checkbox"/> Parse</div><div><input checked="" type="checkbox"/> Verify</div></div><div><div><input type="checkbox"/> Match</div><div><input type="checkbox"/> Search</div></div><div><div><input type="checkbox"/> Format</div><div><input type="checkbox"/> Geocode</div></div><div><div><input type="checkbox"/> Enhance</div></div></div><div><div>Clear Options</div><div>Clear Input</div><div>Clear Output</div><div>Process</div></div></div><div><div>Output</div><div><div>Address</div><div>Ulboguminska 4</div><div>WODZISLAW SŁĄSKI</div></div><div><div>Latitude</div><div>Longitude</div><div>Accuracy</div><div>Distance</div></div><div><div>Map This Location</div></div></div><div><div>Server Status: ssOK</div><div>Process Status: psOK</div></div></div>	<div><div>Loqate Demonstration UI v2.44.1.16421-d320dca</div><div><div>GKRVerifyAutocompleteQueryLog AnalysisReverseGeocode</div><div><div>Input Data</div><div><div>Address1</div><div>Address2</div><div>Address3</div></div><div><div>ULBOGUMINSKA4</div></div></div><div><div>Locality</div><div>AdministrativeArea</div><div>PostalCode</div><div>Country</div></div><div><div>OutputScript</div><div>ForceCountry</div><div>DefaultCountry</div></div><div><div><div><input type="checkbox"/> Parse</div><div><input checked="" type="checkbox"/> Verify</div></div><div><div><input type="checkbox"/> Match</div><div><input type="checkbox"/> Search</div></div><div><div><input type="checkbox"/> Format</div><div><input type="checkbox"/> Geocode</div></div><div><div><input type="checkbox"/> Enhance</div></div></div><div><div>Clear Options</div><div>Clear Input</div><div>Clear Output</div><div>Process</div></div></div><div><div>Output</div><div><div>Address</div><div>Ulica Bogumińska 4</div><div>44-300 WODZISLAW SŁĄSKI</div></div><div><div>Latitude</div><div>Longitude</div><div>Accuracy</div><div>Distance</div></div><div><div>Map This Location</div></div></div><div><div>Server Status: ssOK</div><div>Process Status: psOK</div></div></div>



Saudi Arabia

Improvement in address verification.

2022Q3.1

Thoroughfare and premise was not verified.

Loqate Demonstration UI v2.43.1.16124-20c8f7e

GKRVerifyAutocompleteQueryLog AnalysisReverseGeocode

Input Data

ID

Organization

Address1Exit 7, Othman Ibn Afan Street, Riyadh

Locality

AdministrativeArea

PostalCode

CountrySA

OutputScript

ForceCountry

DefaultCountry

Parse

Verify

Match

Search

Format

Geocode

Enhance

Clear Options

Clear Input

Clear Output

Process

Output

AddressExit 7 Othman Ibn Afan Street
Riyadh

Latitude

Longitude

Accuracy

Distance

Map This Location

Output

Address Quality IndexC1Result Count1

Address Verification CodeP22-144-P0-100

OrganizationEmpty

SubBuildingEmpty

PremiseExit 7Identified no change

BuildingEmpty

PostBoxEmpty

DependentThoroughfareEmpty

ThoroughfareOthman Ibn Afan StreetIdentified no change

DoubleDependentLocalityEmpty

DependentLocalityEmpty

LocalityRiyadhVerified no change

SubAdministrativeAreaEmpty

AdministrativeAreaRiyadhAdded

SuperAdministrativeAreaEmpty

PostalCodeEmpty

CountrySaudi Arabia

ISO2SAISO3SAU

Unmatched

Processed Time00:00:00.08

Shortcuts

View All

To Clipboard

Server Status: ssOKProcess Status: psOK

2022Q4.0

Thoroughfare and premise are now verified.

Loqate Demonstration UI v2.43.1.16124-20c8f7e

GKRVerifyAutocompleteQueryLog AnalysisReverseGeocode

Input Data

ID

Organization

Address1Exit 7, Othman Ibn Afan Street, Riyadh

Locality

AdministrativeArea

PostalCode

CountrySA

OutputScript

ForceCountry

DefaultCountry

Parse

Verify

Match

Search

Format

Geocode

Enhance

Clear Options

Clear Input

Clear Output

Process

Output

AddressExit 7 Othman Ibn Afan Roac
Al Nuzha
Riyadh 12472

Latitude

Longitude

Accuracy

Distance

Map This Location

Output

Address Quality IndexC1Result Count1

Address Verification CodeV42-144-P3-091

OrganizationEmpty

SubBuildingEmpty

PremiseExit 7Verified no change

BuildingEmpty

PostBoxEmpty

DependentThoroughfareEmpty

ThoroughfareOthman Ibn Afan RoadVerified large change

DoubleDependentLocalityEmpty

DependentLocalityAl NuzhaAdded

LocalityRiyadhVerified no change

SubAdministrativeAreaEmpty

AdministrativeAreaRiyadhAdded

SuperAdministrativeAreaEmpty

PostalCode12472Added

CountrySaudi Arabia

ISO2SAISO3SAU

Unmatched

Processed Time00:00:00.08

Shortcuts

View All

To Clipboard

Server Status: ssOKProcess Status: psOK

GBG Loqate, 3101 Park Blvd, Suite 01-105, Palo Alto, CA 94306-2233, USA
T (800) 313-3910 | E support@loqate.com | <http://www.loqate.com>
Registered office as above. Registered in England and Wales number 2415211. VAT number 539 7162 18.

Turkey

Improvement in address verification.

2022Q3.1

Thoroughfare was not verified.

Loqate Demonstration UI v2.43.0.16109-4c1232d

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

ID [] Organization [] Address [DEMIRTAS ORGANIZE SANAYI BOLGESI MKARAER CAD NO:10]

Locality [BURSA MERKEZ] AdministrativeArea [] PostalCode [] Country [Turkey]

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

Clear Options Clear Input Clear Output Process

Output

Address Demirtaş Dumlupınarob Mah. Mikraer Caddesi No:10 16110 Demirtaş/Bursa

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

Address Quality Index [C] 1 Result Count 3

Address Verification Code A22-144-P3-100

Organization [] Empty

SubBuilding [] Empty

Premise 10 Identified no change

Building [] Empty

PostBox [] Empty

DependentThoroughfare [] Empty

Thoroughfare Mikraer Caddesi Identified alias

DoubleDependentLocality [] Empty

DependentLocality Demirtaş Dumlupınarob Mah. Verified alias change

Locality Demirtaş Added

SubAdministrativeArea Osmangazi Added

AdministrativeArea Bursa Verified alias change

SuperAdministrativeArea Mamara Added

PostalCode 16110 Added

Country Turkey

ISO2 TR ISO3 TUR

Unmatched []

Processed Time 00:00:00.05

Shortcuts View All To Clipboard

2022Q4.0

Thoroughfare is correctly parsed and verified as alias change.

Loqate Demonstration UI v2.43.0.16109-4c1232d

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

ID [] Organization [] Address [DEMIRTAS ORGANIZE SANAYI BOLGESI MKARAER CAD NO:10]

Locality [BURSA MERKEZ] AdministrativeArea [] PostalCode [] Country [Turkey]

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

Clear Options Clear Input Clear Output Process

Output

Address Demirtaş Dumlupınarob Mah. Mustafa Karaer Caddesi No:10 16110 Demirtaş/Bursa

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

Address Quality Index [B] 1 Result Count 1

Address Verification Code V33-144-P3-100

Organization [] Empty

SubBuilding [] Empty

Premise 10 Identified no change

Building [] Empty

PostBox [] Empty

DependentThoroughfare [] Empty

Thoroughfare Mustafa Karaer Caddesi Verified alias change

DoubleDependentLocality [] Empty

DependentLocality Demirtaş Dumlupınarob Mah. Verified alias change

Locality Demirtaş Added

SubAdministrativeArea Osmangazi Added

AdministrativeArea Bursa Verified alias change

SuperAdministrativeArea Mamara Added

PostalCode 16110 Added

Country Turkey

ISO2 TR ISO3 TUR

Unmatched []

Processed Time 00:00:00.03

Shortcuts View All To Clipboard

Server Status: ssOK Process Status: psOK

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

T (800) 313-3910 | E support@loqate.com | <http://www.loqate.com>

Registered office as above. Registered in England and Wales number 2415211. VAT number 539 7162 18.



Vietnam

Vietnam changed their postal code system from 5- to 6-digits in 2004 and then reverted back to a 5-digits system in 2018. In the latest refresh of Vietnam reference data, the postal code has been changed back to 5-digits postcodes. There are also an improvement in the parsing of Thoroughfares and SubBuildings in this release.

2022Q3.1	2022Q4.0
<p>"Postal code" was 6-digits format.</p> <p>Loqate Demonstration UI v2.44.1.16421-d320dca</p> <p>GKR Verify Autocomplete Query Log Analysis ReverseGeocode</p> <p>Input Data</p> <p>ID []</p> <p>Organization []</p> <p>Address1 [No. 7, Road 19, Song Than II Industrial Zone, Di An]</p> <p>Locality [Binh Duong]</p> <p>AdministrativeArea []</p> <p>PostalCode []</p> <p>Country [VNM]</p> <p>OutputScript [] <input type="checkbox"/> Parse <input checked="" type="checkbox"/> Verify</p> <p>ForceCountry [] <input type="checkbox"/> Match <input type="checkbox"/> Search</p> <p>DefaultCountry [] <input type="checkbox"/> Format <input type="checkbox"/> Geocode <input type="checkbox"/> Enhance</p> <p>Clear Options Clear Input Clear Output Process</p> <p>Output</p> <p>Address Đường Số 10 Khu Công Nghiệp Sóng Thần Thị Trấn Dĩ An, Huyện Dĩ An, Bình Dương 824667</p> <p>Latitude []</p> <p>Longitude []</p> <p>Accuracy []</p> <p>Distance []</p> <p>Map This Location</p> <p>Address Quality Index [3] 1 Result Count 1</p> <p>Address Verification Code V32-I33-P3-100</p> <p>Organization [] Empty</p> <p>SubBuilding [] Empty</p> <p>Premise [] Empty</p> <p>Building [] Empty</p> <p>PostBox [] Empty</p> <p>DependentThoroughfare Khu Công Nghiệp Sóng Thần 1 Added</p> <p>Thoroughfare Đường Số 10 Added</p> <p>DoubleDependentLocality [] Empty</p> <p>DependentLocality [] Empty</p> <p>Locality Thị Trấn Dĩ An Verified alias change</p> <p>SubAdministrativeArea Huyện Dĩ An Added</p> <p>AdministrativeArea Bình Dương Verified no change</p> <p>SuperAdministrativeArea Đồng Nam Bộ Added</p> <p>PostalCode 824667 Added</p> <p>Country Viet Nam</p> <p>ISO2 VN ISO3 VNM</p> <p>Unmatched []</p> <p>Processed Time 00:00:00.06</p> <p>Cache Stats Shortcuts View All To Clipboard</p> <p>Server Status: ssOK Process Status: psOK</p>	<p>"Postal code" is 5-digits format.</p> <p>Loqate Demonstration UI v2.44.1.16421-d320dca</p> <p>GKR Verify Autocomplete Query Log Analysis ReverseGeocode</p> <p>Input Data</p> <p>ID []</p> <p>Organization []</p> <p>Address1 [No. 7, Road 19, Song Than II Industrial Zone, Di An]</p> <p>Locality [Binh Duong]</p> <p>AdministrativeArea []</p> <p>PostalCode []</p> <p>Country [VNM]</p> <p>OutputScript [] <input type="checkbox"/> Parse <input checked="" type="checkbox"/> Verify</p> <p>ForceCountry [] <input type="checkbox"/> Match <input type="checkbox"/> Search</p> <p>DefaultCountry [] <input type="checkbox"/> Format <input type="checkbox"/> Geocode <input type="checkbox"/> Enhance</p> <p>Clear Options Clear Input Clear Output Process</p> <p>Output</p> <p>Address 7 Đường Số 19 Khu Công Nghiệp Sóng Thần Phường Dĩ An, Thành Phố Dĩ Bình Dương 75306</p> <p>Latitude []</p> <p>Longitude []</p> <p>Accuracy []</p> <p>Distance []</p> <p>Map This Location</p> <p>Address Quality Index [4] 1 Result Count 1</p> <p>Address Verification Code V44-I44-P3-100</p> <p>Organization [] Empty</p> <p>SubBuilding [] Empty</p> <p>Premise 7 Verified no change</p> <p>Building [] Empty</p> <p>PostBox [] Empty</p> <p>DependentThoroughfare Khu Công Nghiệp Song Than II Identified alias</p> <p>Thoroughfare Đường Số 19 Verified alias change</p> <p>DoubleDependentLocality [] Empty</p> <p>DependentLocality [] Empty</p> <p>Locality Phường Dĩ An Verified alias change</p> <p>SubAdministrativeArea Thành Phố Dĩ An Added</p> <p>AdministrativeArea Bình Dương Verified no change</p> <p>SuperAdministrativeArea Đồng Nam Bộ Added</p> <p>PostalCode 75306 Added</p> <p>Country Viet Nam</p> <p>ISO2 VN ISO3 VNM</p> <p>Unmatched []</p> <p>Processed Time 00:00:00.02</p> <p>Cache Stats Shortcuts View All To Clipboard</p> <p>Server Status: ssOK Process Status: psOK</p>

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

T (800) 313-3910 | E support@loqate.com | <http://www.loqate.com>

Registered office as above. Registered in England and Wales number 2415211. VAT number 539 7162 18.



"Postal code" was empty.

Loqate Demonstration UI v2.44.1.16421-d320dca

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

ID

Organization

Address1

Locality

AdministrativeArea

PostalCode

Country

OutputScript

ForceCountry

DefaultCountry

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

Clear Options Clear Input Clear Output Process

Output

Address Quality Index 1 Result Count 1

Address Verification Code V44-I44-P0-092

Organization Empty

SubBuilding Empty

Premise Verified no change

Building Empty

PostBox Empty

DependentThoroughfare Empty

Thoroughfare Verified alias change

DoubleDependentLocality Empty

DependentLocality Empty

Locality Added

SubAdministrativeArea Verified large change

AdministrativeArea Verified alias change

SuperAdministrativeArea Added

PostalCode Empty

Country

ISO2 ISO3

Unmatched

Processed Time 00:00:00.02

Cache Stats Shortcuts View All To Clipboard

Output

Address

Latitude

Longitude

Accuracy

Distance

Map This Location

Server Status: ssOK Process Status: psOK

"Postal code" is added with 5-digits format.

Loqate Demonstration UI v2.44.1.16421-d320dca

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

ID

Organization

Address1

Locality

AdministrativeArea

PostalCode

Country

OutputScript

ForceCountry

DefaultCountry

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

Clear Options Clear Input Clear Output Process

Output

Address Quality Index 1 Result Count 1

Address Verification Code V44-I44-P3-092

Organization Empty

SubBuilding Empty

Premise Verified no change

Building Empty

PostBox Empty

DependentThoroughfare Empty

Thoroughfare Verified alias change

DoubleDependentLocality Empty

DependentLocality Empty

Locality Added

SubAdministrativeArea Verified large change

AdministrativeArea Verified alias change

SuperAdministrativeArea Added

PostalCode Added

Country

ISO2 ISO3

Unmatched

Processed Time 00:00:00.02

Cache Stats Shortcuts View All To Clipboard

Output

Address

Latitude

Longitude

Accuracy

Distance

Map This Location

Server Status: ssOK Process Status: psOK

“Alley” was incorrectly parsed as SubBuilding.

Loqate Demonstration UI v2.44.0.16383-1f51bc7

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

ID

Organization

Address1

Locality

SubAdministrativeArea

PostalCode

Country

OutputScript

☐ Parse ☒ Verify

☐ Match ☐ Search

☐ Format ☐ Geocode

☐ Enhance

Clear Options Clear Input Clear Output Process

Output

Address Quality Index 1 Result Count 1

Address Verification Code

Organization 31 Alley Identified no change

Premise Verified no change

Building Empty

PostBox Empty

DependentThoroughfare Empty

Thoroughfare Verified alias change

DoubleDependentLocality Empty

DependentLocality Empty

Locality Added

SubAdministrativeArea Verified alias change

AdministrativeArea Verified alias change

SuperAdministrativeArea Added

PostalCode Empty

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

“Alley” is correctly parsed as part of thoroughfare.

Loqate Demonstration UI v2.44.0.16383-1f51bc7

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

ID

Organization

Address1

Locality

SubAdministrativeArea

PostalCode

Country

OutputScript

☐ Parse ☒ Verify

☐ Match ☐ Search

☐ Format ☐ Geocode

☐ Enhance

Clear Options Clear Input Clear Output Process

Output

Address Quality Index 1 Result Count 1

Address Verification Code

Organization Empty

Premise Identified no change

Building Empty

PostBox Empty

DependentThoroughfare Empty

Thoroughfare Verified small change

DoubleDependentLocality Empty

DependentLocality Empty

Locality Added

SubAdministrativeArea Verified large change

AdministrativeArea Verified alias change

SuperAdministrativeArea Added

PostalCode Added

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

“Room” was incorrectly parsed as premise.

Loqate Demonstration UI v2.44.0.16383-1f51bc7

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

ID

Organization

Address1

Locality

SubAdministrativeArea

PostalCode

Country

OutputScript

ForceCountry

DefaultCountry

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

Clear Options Clear Input Clear Output Process

Output

Address 58 Fl 7
Rm 704, Đường Đồng Khởi
Phường Bến Nghé, Quận 1
Ho Chi Minh

Latitude

Longitude

Accuracy

Distance

Map This Location

Address Quality Index E 1 Result Count 16

Address Verification Code A31-155-P0-079

Organization

SubBuilding 58 Fl 7 Identified alias

Premise Rm 704 Identified no change

Building

PostBox

DependentThoroughfare

Thoroughfare Đường Đồng Khởi Verified large change

DoubleDependentLocality

DependentLocality

Locality Phường Bến Nghé Verified large change

SubAdministrativeArea Quận 1 Added

AdministrativeArea Ho Chi Minh Verified no change

SuperAdministrativeArea Đồng Nam Bộ Added

PostalCode

Country Viet Nam

ISO2 VN ISO3 VNM

Unmatched

Processed Time 00:00:00.05

Cache Stats Shortcuts View All To Clipboard

Server Status: ssOK Process Status: psOK

“Room” and “Floor” are correctly parsed as SubBuilding.

Loqate Demonstration UI v2.44.0.16383-1f51bc7

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

ID

Organization

Address1

Locality

SubAdministrativeArea

PostalCode

Country

OutputScript

ForceCountry

DefaultCountry

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

Clear Options Clear Input Clear Output Process

Output

Address Rm 704 Fl 7
58, Đường Đồng Khởi
Phường Bến Nghé, Quận 1
Ho Chi Minh 71006

Latitude

Longitude

Accuracy

Distance

Map This Location

Address Quality Index C 1 Result Count 1

Address Verification Code V41-155-P3-090

Organization

SubBuilding Rm 704 Fl 7 Identified alias

Premise 58 Verified no change

Building

PostBox

DependentThoroughfare

Thoroughfare Đường Đồng Khởi Verified large change

DoubleDependentLocality

DependentLocality

Locality Phường Bến Nghé Verified small change

SubAdministrativeArea Quận 1 Added

AdministrativeArea Ho Chi Minh Verified no change

SuperAdministrativeArea Đồng Nam Bộ Added

PostalCode 71006 Added

Country Viet Nam

ISO2 VN ISO3 VNM

Unmatched

Processed Time 00:00:00.02

Cache Stats Shortcuts View All To Clipboard

Server Status: ssOK Process Status: psOK

Case Resolutions

2022Q4.0 Data related Case Fixes

Case Number	Change Description	Category	Country	Example Address
CAS-71917-B0V5R1	Improvement of thoroughfare parsing	Data	LU	Address1: 5 Z.A.R.E. Ouest Locality: Ehlerange Postal Code: 4384 Country: Luxembourg
Before Image			After Image	
<div><div><div>Loqate Demonstration UI v2.42.0.16013-6062831</div><div><div><div>GKR</div><div>Verify</div><div>Autocomplete</div><div>Query</div><div>Log Analysis</div><div>ReverseGeocode</div></div><div><div>Input Data</div><div><div>Address3</div><div>Address2</div><div>Address1</div></div><div><div>5 Z.A.R.E. Ouest</div></div><div><div>Locality</div><div>AdministrativeArea</div><div>PostalCode</div><div>Country</div></div><div><div>OutputScript</div><div>ForceCountry</div><div>DefaultCountry</div></div><div><div><div><div><input type="checkbox"/> Parse</div><div><input checked="" type="checkbox"/> Verify</div></div><div><div><input type="checkbox"/> Match</div><div><input type="checkbox"/> Search</div></div><div><div><input type="checkbox"/> Format</div><div><input type="checkbox"/> Geocode</div></div><div><div><input type="checkbox"/> Enhance</div></div></div><div><div>Clear Options</div><div>Clear Input</div><div>Clear Output</div><div>Process</div></div></div><div><div>Output</div><div><div>Address</div><div>RE Ouest</div><div>S Z A</div><div>L-4384 Ehlerange</div></div><div><div>Latitude</div><div>Longitude</div><div>Accuracy</div><div>Distance</div></div><div><div>Map This Location</div></div></div></div><div><div>Output</div><div><div>Address Quality Index</div><div>1</div><div>Result Count</div><div>1</div></div><div><div>Address Verification Code</div><div>V22425-P6-100</div></div><div><div>Organization</div><div>Empty</div></div><div><div>SubBuilding</div><div>RE</div><div>Identified no change</div></div><div><div>Premise</div><div>S Z</div><div>Identified no change</div></div><div><div>Building</div><div>Ouest</div><div>Identified context</div></div><div><div>PostBox</div><div>Empty</div></div><div><div>Dependent Thoroughfare</div><div>Empty</div></div><div><div>Thoroughfare</div><div>A</div><div>Identified context</div></div><div><div>DoubleDependentLocality</div><div>Empty</div></div><div><div>DependentLocality</div><div>Empty</div></div><div><div>Locality</div><div>Ehlerange</div><div>Verified no change</div></div><div><div>SubAdministrativeArea</div><div>Sanem</div><div>Added</div></div><div><div>AdministrativeArea</div><div>Esch-Sur-Alzette</div><div>Added</div></div><div><div>SuperAdministrativeArea</div><div>Luxembourg</div><div>Added</div></div><div><div>PostalCode</div><div>4384</div><div>Verified no change</div></div><div><div>Country</div><div>Luxembourg</div></div><div><div>ISO2</div><div>LU</div><div>ISO3</div><div>LUX</div></div><div><div>Unmatched</div><div>Empty</div></div><div><div>Processed Time</div><div>00:00:00.01</div></div><div><div>Shortcuts</div><div>View All</div><div>To Clipboard</div></div></div></div></div><div><div>Server Status: ssOK</div><div>Process Status: psOK</div></div></div> <div><div><div>Loqate Demonstration UI v2.42.0.16013-6062831</div><div><div><div>GKR</div><div>Verify</div><div>Autocomplete</div><div>Query</div><div>Log Analysis</div><div>ReverseGeocode</div></div><div><div>Input Data</div><div><div>Address3</div><div>Address2</div><div>Address1</div></div><div><div>5 Z.A.R.E. Ouest</div></div><div><div>Locality</div><div>AdministrativeArea</div><div>PostalCode</div><div>Country</div></div><div><div>OutputScript</div><div>ForceCountry</div><div>DefaultCountry</div></div><div><div><div><div><input type="checkbox"/> Parse</div><div><input checked="" type="checkbox"/> Verify</div></div><div><div><input type="checkbox"/> Match</div><div><input type="checkbox"/> Search</div></div><div><div><input type="checkbox"/> Format</div><div><input type="checkbox"/> Geocode</div></div><div><div><input type="checkbox"/> Enhance</div></div></div><div><div>Clear Options</div><div>Clear Input</div><div>Clear Output</div><div>Process</div></div></div><div><div>Output</div><div><div>Address</div><div>5 Z.A.R.E. Ouest</div><div>L-4384 Ehlerange</div></div><div><div>Latitude</div><div>Longitude</div><div>Accuracy</div><div>Distance</div></div><div><div>Map This Location</div></div></div></div><div><div>Output</div><div><div>Address Quality Index</div><div>1</div><div>Result Count</div><div>1</div></div><div><div>Address Verification Code</div><div>V44144-P6-100</div></div><div><div>Organization</div><div>Empty</div></div><div><div>SubBuilding</div><div>Empty</div></div><div><div>Premise</div><div>5</div><div>Verified no change</div></div><div><div>Building</div><div>Empty</div></div><div><div>PostBox</div><div>Empty</div></div><div><div>Dependent Thoroughfare</div><div>Empty</div></div><div><div>Thoroughfare</div><div>Z.A.R.E. Ouest</div><div>Verified no change</div></div><div><div>DoubleDependentLocality</div><div>Empty</div></div><div><div>DependentLocality</div><div>Empty</div></div><div><div>Locality</div><div>Ehlerange</div><div>Verified no change</div></div><div><div>SubAdministrativeArea</div><div>Sanem</div><div>Added</div></div><div><div>AdministrativeArea</div><div>Esch-Sur-Alzette</div><div>Added</div></div><div><div>SuperAdministrativeArea</div><div>Luxembourg</div><div>Added</div></div><div><div>PostalCode</div><div>4384</div><div>Verified no change</div></div><div><div>Country</div><div>Luxembourg</div></div><div><div>ISO2</div><div>LU</div><div>ISO3</div><div>LUX</div></div><div><div>Unmatched</div><div>Empty</div></div><div><div>Processed Time</div><div>00:00:00.02</div></div><div><div>Shortcuts</div><div>View All</div><div>To Clipboard</div></div></div></div></div><div><div>Server Status: ssOK</div><div>Process Status: psOK</div></div></div>				

Case Number	Change Description	Category	Country	Example Address
CAS-41515-S6S4N8	Improvement of geolocation accuracy of Kunming City	Data	CN	Address1: No. 4, Yiyuan Lane Wuhua District Locality: Kunming-3463 PostalCode: 650000 Country: CHN

Before Image

Loqate Demonstration UI v2.44.0.16383-1f51bc7

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

ID

Premise

Address1

Locality

AdministrativeArea

PostalCode

Country

PreferPrimaryValidAlias ☐ Parse ☒ Verify

StricReferenceMatch ☐ Match ☐ Search

OutputScript ☐ Format ☒ Geocode

☐ Enhance

Clear Options Clear Input Clear Output Process

Output

Address Quality Index 1 Result Count 1

Address Verification Code

Organization

SubBuilding

Premise Identified no change

Building

PostBox

DependentThoroughfare

Thoroughfare Identified alias

DoubleDependentLocality

DependentLocality Verified alias change

Locality Verified large change

SubAdministrativeArea

AdministrativeArea Added

SuperAdministrativeArea

PostalCode Identified 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

After Image

Loqate Demonstration UI v2.44.0.16383-1f51bc7

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

ID

Premise

Address1

Locality

AdministrativeArea

PostalCode

Country

PreferPrimaryValidAlias ☐ Parse ☒ Verify

StricReferenceMatch ☐ Match ☐ Search

OutputScript ☐ Format ☒ Geocode

☐ Enhance

Clear Options Clear Input Clear Output Process

Output

Address Quality Index 1 Result Count 1

Address Verification Code

Organization

SubBuilding

Premise Identified no change

Building

PostBox

DependentThoroughfare

Thoroughfare Identified alias

DoubleDependentLocality

DependentLocality Verified alias change

Locality Verified large change

SubAdministrativeArea

AdministrativeArea Added

SuperAdministrativeArea

PostalCode Identified 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

Case Number	Change Description	Category	Country	Example Address
CAS-70059-P5L1K4	Output capitalised AdministrativeArea for 'SP' when OutputScript=Latn	Data	BR	Address1: Avenida Aratãs, 697 Locality: São Paulo Administrative Area: SP Postal Code: 04081-003 Country: Brazil

Before Image

Loqate Demonstration UI v2.44.1.16421-d320dca

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

ID

Organization

Address

Locality

AdministrativeArea

PostalCode

Country

OutputScript ☐ Parse ☒ Verify

OutputCasing ☐ 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 Empty

SubBuilding Empty

Premise Verified no change

Building Empty

PostBox Empty

DependentThoroughfare Empty

Thoroughfare Verified no change

DoubleDependentLocality Empty

DependentLocality Added

Locality Verified alias change

SubAdministrativeArea Empty

AdministrativeArea Verified no change

SuperAdministrativeArea Empty

PostalCode Verified no change

Country

ISO2 ISO3

Unmatched

Processed Time

Cache Stats

Shortcuts

View All

To Clipboard

Output

Address
Moema
Sao Paulo - Sp
04081-003

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

Organization

Address

Locality

AdministrativeArea

PostalCode

Country

OutputScript ☐ Parse ☒ Verify

OutputCasing ☐ 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 Empty

SubBuilding Empty

Premise Verified no change

Building Empty

PostBox Empty

DependentThoroughfare Empty

Thoroughfare Verified no change

DoubleDependentLocality Empty

DependentLocality Added

Locality Verified alias change

SubAdministrativeArea Empty

AdministrativeArea Verified no change

SuperAdministrativeArea Empty

PostalCode Verified no change

Country

ISO2 ISO3

Unmatched

Processed Time

Cache Stats

Shortcuts

View All

To Clipboard

Output

Address
Moema
Sao Paulo - SP
04081-003

Latitude

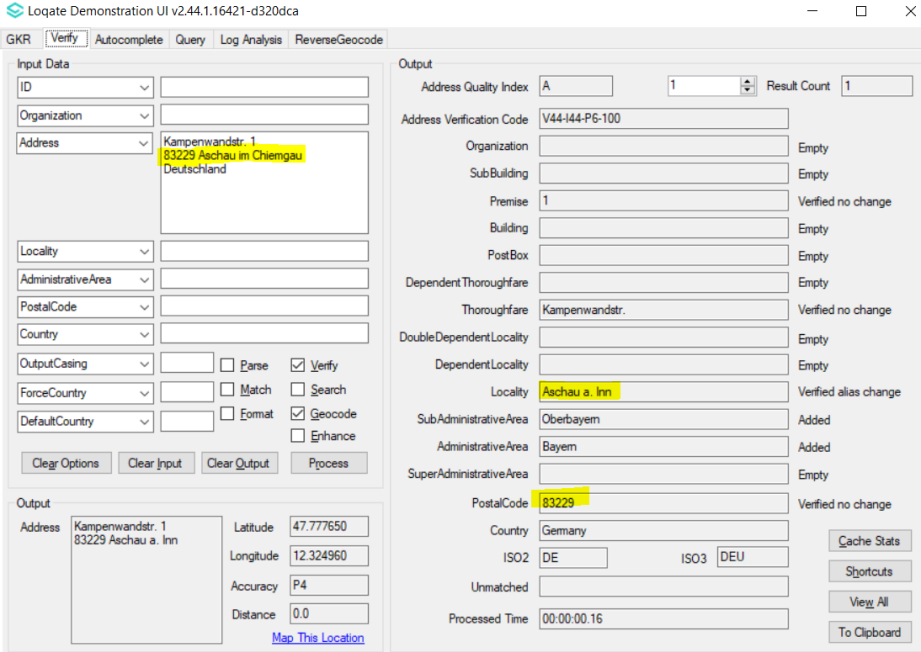
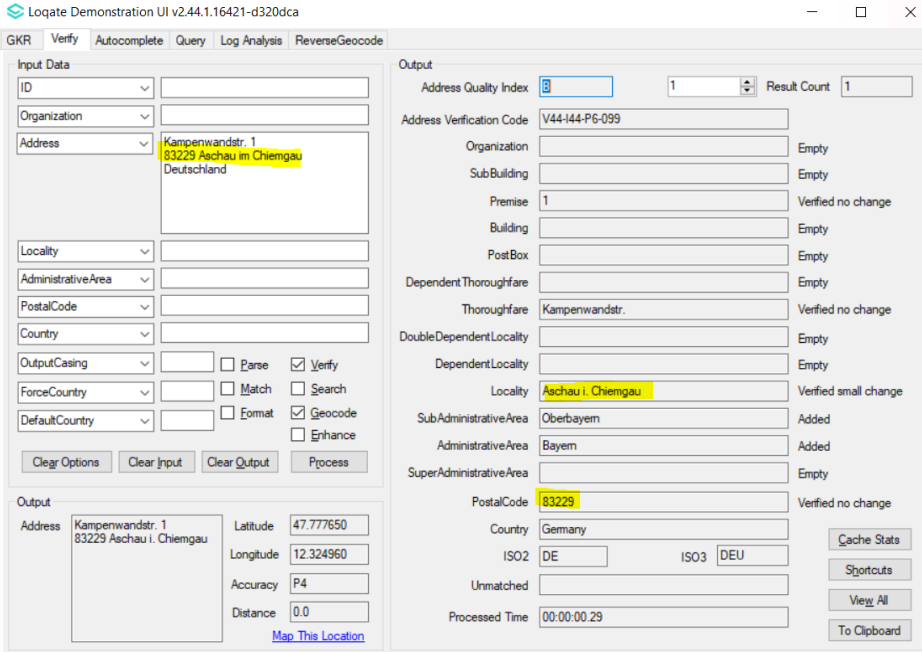
Longitude

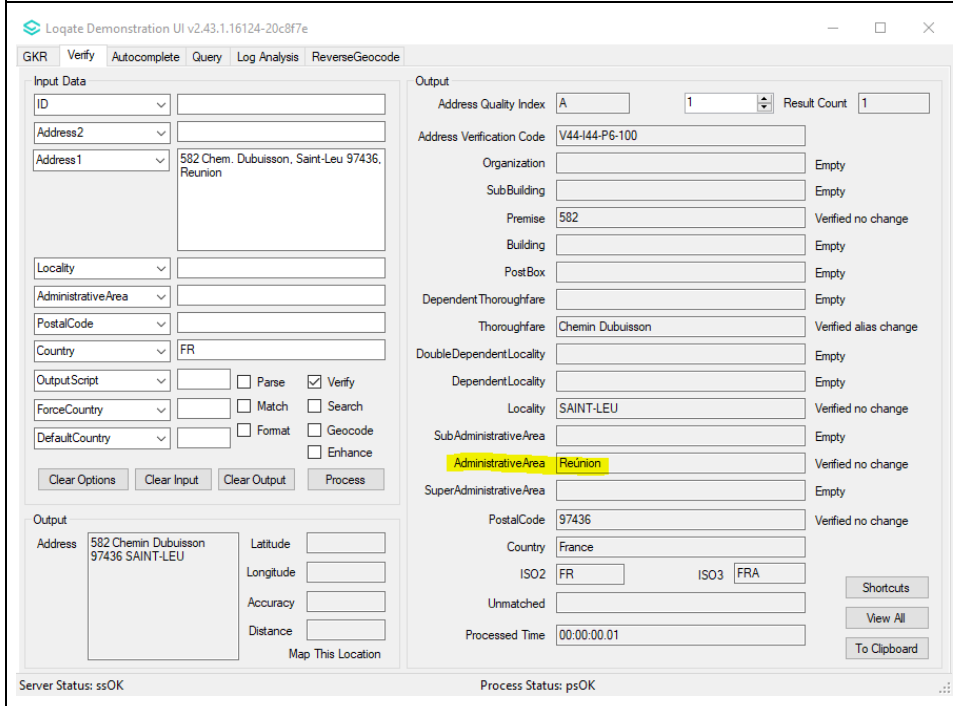
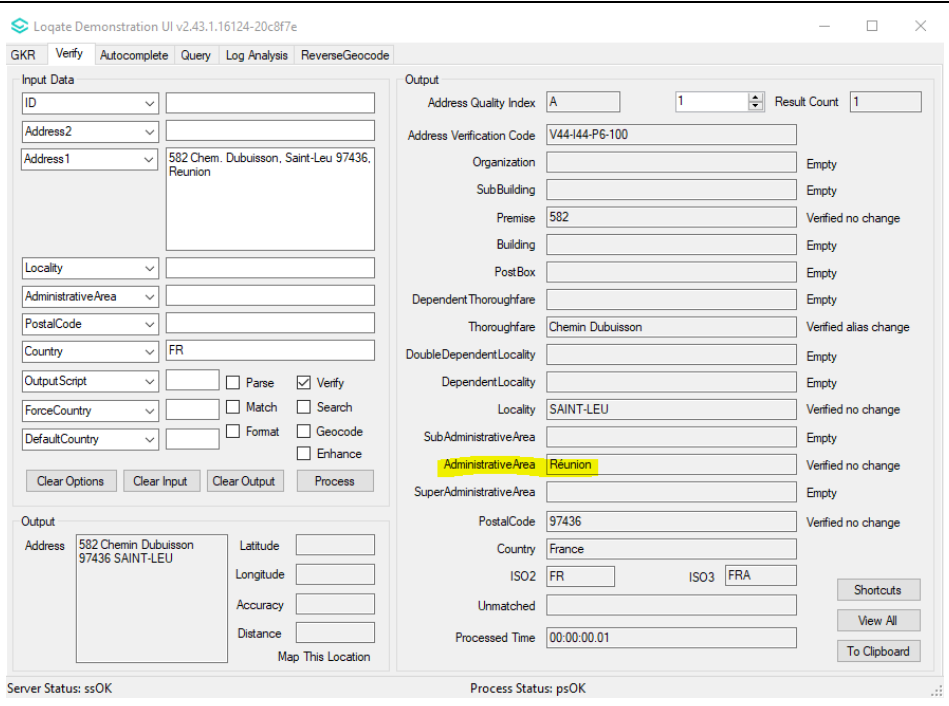
Accuracy

Distance

Map This Location

Server Status: ssOK Process Status: psOK

Case Number	Change Description	Category	Country	Example Address
CAS-68590-L9C6W6	Correction of the Locality being verified.	Data	DE	Address1: Kampenwandstr. 1 83229 Aschau im Chiemgau Deutschland
Before Image			After Image	
 <p>Loqate Demonstration UI v2.44.1.16421-d320dca</p> <p>Input Data: ID, Organization, Address (Kampenwandstr. 1 83229 Aschau im Chiemgau Deutschland), Locality, AdministrativeArea, PostalCode, Country.</p> <p>Output: Address Quality Index (A), Address Verification Code (V44-144-P6-100), Organization, SubBuilding, Premise (1, Verified no change), Building, PostBox, DependentThoroughfare, Thoroughfare (Kampenwandstr., Verified no change), DoubleDependentLocality, DependentLocality, Locality (Aschau a. Inn, Verified alias change), SubAdministrativeArea (Oberbayern, Added), AdministrativeArea (Bayern, Added), SuperAdministrativeArea, PostalCode (83229, Verified no change), Country (Germany), ISO2 (DE), ISO3 (DEU), Unmatched, Processed Time (00:00:00.16).</p> <p>Server Status: ssOK Process Status: psOK</p>			 <p>Loqate Demonstration UI v2.44.1.16421-d320dca</p> <p>Input Data: ID, Organization, Address (Kampenwandstr. 1 83229 Aschau im Chiemgau Deutschland), Locality, AdministrativeArea, PostalCode, Country.</p> <p>Output: Address Quality Index (B), Address Verification Code (V44-144-P6-099), Organization, SubBuilding, Premise (1, Verified no change), Building, PostBox, DependentThoroughfare, Thoroughfare (Kampenwandstr., Verified no change), DoubleDependentLocality, DependentLocality, Locality (Aschau i. Chiemgau, Verified small change), SubAdministrativeArea (Oberbayern, Added), AdministrativeArea (Bayern, Added), SuperAdministrativeArea, PostalCode (83229, Verified no change), Country (Germany), ISO2 (DE), ISO3 (DEU), Unmatched, Processed Time (00:00:00.29).</p> <p>Server Status: ssOK Process Status: psOK</p>	

Case Number	Change Description	Category	Country	Example Address
CAS-76701-N3H3F9	AdministrativeArea Réunion is now corrected to Réunion	Data	FR	Address1: 582 Chem. Dubuisson, Saint-Leu 97436, Reunion Country: FR
Before Image			After Image	
				

Case Number	Change Description	Category	Country	Example Address
CAS-76939-N7B7Z1	Improvement in Thoroughfare verification. Typo thoroughfare 'N Burlington' was identified, and it is now corrected and verified.	Data	US	Address1: % Marlene Urban Address2: 81 North Bulington Road Locality: Bridgeton AdministrativeArea: NJ PostalCode: 08302 Country: United States

Before Image

Loqate Demonstration UI v2.43.1.16124-20c8f7e

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

ID: []

Address1: [% Marlene Urban]

Address2: [81 North Bulington Rd]

Locality: [Bridgeton]

AdministrativeArea: [NJ]

PostalCode: [08302]

Country: [United States]

OutputScript: [] ☐ Parse ☒ Verify

ForceCountry: [] ☐ Match ☐ Search

DefaultCountry: [] ☐ Format ☐ Geocode ☐ Enhance

Clear Options Clear Input Clear Output Process

Output

Address: Marlene Urban
81 N Bulington Rd
Bridgeton NJ 08302

Latitude: []

Longitude: []

Accuracy: []

Distance: []

Map This Location

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

Address Verification Code: P22-I45-P6-100

Organization: Marlene Urban Identified context

SubBuilding: [] Empty

Premise: 81 Identified no change

Building: [] Empty

PostBox: [] Empty

DependentThoroughfare: [] Empty

Thoroughfare: N Burlington Rd Identified alias

DoubleDependentLocality: [] Empty

DependentLocality: [] Empty

Locality: Bridgeton Verified no change

SubAdministrativeArea: [] Empty

AdministrativeArea: NJ Verified no change

SuperAdministrativeArea: [] Empty

PostalCode: 08302 Verified no change

Country: United States

ISO2: US ISO3: USA

Unmatched: []

Processed Time: 00:00:00.60

Shortcuts View All To Clipboard

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: []

Address1: [% Marlene Urban]

Address2: [81 North Bulington Rd]

Locality: [Bridgeton]

AdministrativeArea: [NJ]

PostalCode: [08302]

Country: [United States]

OutputScript: [] ☐ Parse ☒ Verify

ForceCountry: [] ☐ Match ☐ Search

DefaultCountry: [] ☐ Format ☐ Geocode ☐ Enhance

Clear Options Clear Input Clear Output Process

Output

Address: Marlene Urban
81 N Bulington Rd
Bridgeton NJ 08302-2224

Latitude: []

Longitude: []

Accuracy: []

Distance: []

Map This Location

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

Address Verification Code: V44-I45-P7-100

Organization: Marlene Urban Identified context

SubBuilding: [] Empty

Premise: 81 Verified no change

Building: [] Empty

PostBox: [] Empty

DependentThoroughfare: [] Empty

Thoroughfare: N Burlington Rd Verified alias change

DoubleDependentLocality: [] Empty

DependentLocality: [] Empty

Locality: Bridgeton Verified no change

SubAdministrativeArea: Cumberland Added

AdministrativeArea: NJ Verified no change

SuperAdministrativeArea: [] Empty

PostalCode: 08302-2224 Verified small change

Country: United States

ISO2: US ISO3: USA

Unmatched: []

Processed Time: 00:00:00.03

Shortcuts View All To Clipboard

Server Status: ssOK Process Status: psOK

Case Number	Change Description	Category	Country	Example Address
CAS-67540-C9W2N9	Correction of verification field status. Thoroughfare Straße 142 gives the correct field status returned now - verified with no change.	Data	DE	Address1: Straße 142 7A Locality: Berlin PostalCode: 13158 Country: DEU

Before Image

Loqate Demonstration UI v2.44.0.16383-1f51bc7

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

Organization

Address2

Address1

Locality

AdministrativeArea

PostalCode

Country

CombinedVerifyMethod ☐ Parse ☒ Verify

PreferPrimaryValidAlias ☐ Match ☐ Search

MaxMatchRuleCandi: ☐ Format ☒ Geocode ☐ Enhance

Clear Options Clear Input Clear Output Process

Output

Address Straße 142 7A 13158 Berlin Latitude 52.598160 Longitude 13.385120 Accuracy P4 Distance 0.0 [Map This Location](#)

Server Status: ssOK Process Status: psOK

Output

Address Quality Index Result Count 1

Address Verification Code V42-I44-P6-093

Organization Empty

SubBuilding Empty

Premise 7A Verified no change

Building Empty

PostBox Empty

DependentThoroughfare Empty

Thoroughfare Straße 142 Verified large change

DoubleDependentLocality Empty

DependentLocality Rosenthal Added

Locality Berlin Verified no change

SubAdministrativeArea Berlin Added

AdministrativeArea Berlin Added

SuperAdministrativeArea Empty

PostalCode 13158 Verified no change

Country Germany

ISO2 DE ISO3 DEU

Unmatched

Processed Time 00:00:00.90

Cache Stats Shortcuts View All To Clipboard

After Image

Loqate Demonstration UI v2.44.0.16383-1f51bc7

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

Organization

Address2

Address1

Locality

AdministrativeArea

PostalCode

Country

CombinedVerifyMethod ☐ Parse ☒ Verify

PreferPrimaryValidAlias ☐ Match ☐ Search

MaxMatchRuleCandi: ☐ Format ☒ Geocode ☐ Enhance

Clear Options Clear Input Clear Output Process

Output

Address Straße 142 7A 13158 Berlin Latitude 52.598160 Longitude 13.385120 Accuracy P4 Distance 0.0 [Map This Location](#)

Server Status: ssOK Process Status: psOK

Output

Address Quality Index Result Count 1

Address Verification Code V44-I44-P6-100

Organization Empty

SubBuilding Empty

Premise 7A Verified no change

Building Empty

PostBox Empty

DependentThoroughfare Empty

Thoroughfare Straße 142 Verified no change

DoubleDependentLocality Empty

DependentLocality Rosenthal Added

Locality Berlin Verified no change

SubAdministrativeArea Berlin Added

AdministrativeArea Berlin Added

SuperAdministrativeArea Empty

PostalCode 13158 Verified no change

Country Germany

ISO2 DE ISO3 DEU

Unmatched

Processed Time 00:00:00.00

Cache Stats Shortcuts View All To Clipboard

Case Number	Change Description	Category	Country	Example Address
CAS-64200-Z5V9B8	Improvement of locality and premise level verification.	Data	IT	Address1: Via Sandro Pertini 17 Locality: Lavagno PostalCode: 37030 Country: ITA

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

CertifiedCountryList ☐ Parse ☒ Verify

ForceCountry ☐ Match ☐ Search

ActiveCaseLibrary ☐ Format ☐ Geocode ☐ Enhance

Clear Options Clear Input Clear Output Process

Output

Address Via Sandro Pertini 17 37030 Mezzane Di Sotto VR

Latitude

Longitude

Accuracy

Distance

Map This Location

Server Status: ssOK Process Status: psOK

Output

Address Quality Index Result Count

Address Verification Code V33-I44-P6-075

Organization

SubBuilding

Premise Identified no change

Building

PostBox

DependentThoroughfare

Thoroughfare Via Sandro Pertini Verified no change

DoubleDependentLocality

DependentLocality

Locality Mezzane Di Sotto Verified large change

SubAdministrativeArea

AdministrativeArea VR Added

SuperAdministrativeArea Veneto Added

PostalCode 37030 Verified no change

Country Italy

ISO2 IT ISO3 ITA

Unmatched

Processed Time 00:00:00.11

Shortcuts View All To Clipboard

After Image

Loqate Demonstration UI v2.44.1.16421-d320dca

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

ID

Organization

Address

Locality

AdministrativeArea

PostalCode

Country

CertifiedCountryList ☐ Parse ☒ Verify

ForceCountry ☐ Match ☐ Search

ActiveCaseLibrary ☐ Format ☐ Geocode ☐ Enhance

Clear Options Clear Input Clear Output Process

Output

Address Via Sandro Pertini 17 37030 Lavagno VR

Latitude

Longitude

Accuracy

Distance

Map This Location

Server Status: ssOK Process Status: psOK

Output

Address Quality Index Result Count

Address Verification Code V44-I44-P6-100

Organization

SubBuilding

Premise 17 Verified no change

Building

PostBox

DependentThoroughfare

Thoroughfare Via Sandro Pertini Verified no change

DoubleDependentLocality

DependentLocality

Locality Lavagno Verified no change

SubAdministrativeArea

AdministrativeArea VR Added

SuperAdministrativeArea Veneto Added

PostalCode 37030 Verified no change

Country Italy

ISO2 IT ISO3 ITA

Unmatched

Processed Time 00:00:00.02

Cache Stats Shortcuts View All To Clipboard

Case Number	Change Description	Category	Country	Example Address
CAS-84144-W2G7Q1	Improvement in parsing of locality in the presence of SubBuilding element. When the subBuilding (Lgh 1101) present in the input address, locality was incorrectly parsed to building, and it is now parsed & verified to locality field.	Data	SE	Address1: Västra Åsgatan 27 Lgh 1101 Locality: eskilstuna PostalCode: 632 25 Country: SE

Before Image

Loqate Demonstration UI v2.44.1.16421-d320dca

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

Address1

Building

Address

Locality

AdministrativeArea

PostalCode

Country

OutputScript ☐ Parse ☒ Verify

ForceCountry ☐ Match ☐ Search

DefaultCountry ☐ Format ☐ Geocode

☐ Enhance

Clear Options Clear Input Clear Output Process

Output

Address Eskilstuna Västra Åsgatan 27 Lgh 1101 632 25 Eskilstuna

Latitude

Longitude

Accuracy

Distance

Map This Location

Server Status: ssOK

Process Status: psOK

Output

Address Quality Index Result Count 1

Address Verification Code V44-I55-P6-100

Organization Empty

SubBuilding Lgh 1101 Identified no change

Premise 27 Verified no change

Building Eskilstuna Identified context

PostBox Empty

DependentThoroughfare Empty

Thoroughfare Västra Åsgatan Verified no change

DoubleDependentLocality Empty

DependentLocality Tunafors Added

Locality Eskilstuna Added

SubAdministrativeArea Eskilstuna Added

AdministrativeArea Södermanland Added

SuperAdministrativeArea Empty

PostalCode 632 25 Verified no change

Country Sweden

ISO2 SE ISO3 SWE

Unmatched

Processed Time 00:00:00.02

Cache Stats Shortcuts View All To Clipboard

After Image

Loqate Demonstration UI v2.44.1.16421-d320dca

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

Address1

Building

Address

Locality

AdministrativeArea

PostalCode

Country

OutputScript ☐ Parse ☒ Verify

ForceCountry ☐ Match ☐ Search

DefaultCountry ☐ Format ☐ Geocode

☐ Enhance

Clear Options Clear Input Clear Output Process

Output

Address Västra Åsgatan 27 Lgh 1101 632 25 Eskilstuna

Latitude

Longitude

Accuracy

Distance

Map This Location

Server Status: ssOK

Process Status: psOK

Output

Address Quality Index Result Count 1

Address Verification Code V44-I55-P6-100

Organization Empty

SubBuilding Lgh 1101 Identified no change

Premise 27 Verified no change

Building Empty

PostBox Empty

DependentThoroughfare Empty

Thoroughfare Västra Åsgatan Verified no change

DoubleDependentLocality Empty

DependentLocality Tunafors Added

Locality Eskilstuna Verified no change

SubAdministrativeArea Eskilstuna Added

AdministrativeArea Södermanland Added

SuperAdministrativeArea Empty

PostalCode 632 25 Verified no change

Country Sweden

ISO2 SE ISO3 SWE

Unmatched

Processed Time 00:00:00.00

Cache Stats Shortcuts View All To Clipboard

Case Number	Change Description	Category	Country	Example Address
CAS-74079-L6Z9F8	Improvement on the missing PostalCode Zip+4 in the output	Data	US	Address1: 1225 Hancock Rd # LL50 Bullhead City Az 86442-5948 United States

Before Image

Loqate Demonstration UI v2.44.0.16383-1f51bc7

GKRVerifyAutocompleteQueryLog AnalysisReverseGeocode

Input Data

Organization

Premise

Address11225 Hancock Rd # LL50 Bullhead City Az 86442-5948 United States

Locality

AdministrativeArea

PostalCode

Country

MatchScoreAbsoluteTIParseVerifyPreferPrimaryValidAliasMatchSearchMaxMatchRuleCandidiFormatGeocodeEnhance

Clear OptionsClear InputClear OutputProcess

Output

Address1225 Hancock Rd # LL50 Bullhead City AZ 86442

Latitude

Longitude

Accuracy

Distance

Map This Location

Address Quality Index1Result Count1

Address Verification CodeV44-I55-P6-100

OrganizationEmpty

SubBuildingLL50Identified no change

Premise1225Verified no change

BuildingEmpty

PostBoxEmpty

Dependent ThoroughfareEmpty

ThoroughfareHancock RdVerified no change

DoubleDependentLocalityEmpty

DependentLocalityEmpty

LocalityBullhead CityVerified no change

SubAdministrativeAreaMohaveAdded

AdministrativeAreaAZVerified no change

SuperAdministrativeAreaEmpty

PostalCode86442Verified alias change

CountryUnited States

ISO2USISO3USA

Unmatched

Processed Time00:00:00.47

Cache StatsShortcutsView AllTo Clipboard

Server Status: ssOK

Process Status: psOK

After Image

Loqate Demonstration UI v2.44.0.16383-1f51bc7

GKRVerifyAutocompleteQueryLog AnalysisReverseGeocode

Input Data

Organization

Premise

Address11225 Hancock Rd # LL50 Bullhead City Az 86442-5948 United States

Locality

AdministrativeArea

PostalCode

Country

MatchScoreAbsoluteTIParseVerifyPreferPrimaryValidAliasMatchSearchMaxMatchRuleCandidiFormatGeocodeEnhance

Clear OptionsClear InputClear OutputProcess

Output

Address1225 Hancock Rd # LL50 Bullhead City AZ 86442-5948

Latitude

Longitude

Accuracy

Distance

Map This Location

Address Quality Index1Result Count1

Address Verification CodeV44-I55-P8-100

OrganizationEmpty

SubBuildingLL50Identified no change

Premise1225Verified no change

BuildingEmpty

PostBoxEmpty

Dependent ThoroughfareEmpty

ThoroughfareHancock RdVerified no change

DoubleDependentLocalityEmpty

DependentLocalityEmpty

LocalityBullhead CityVerified no change

SubAdministrativeAreaMohaveAdded

AdministrativeAreaAZVerified no change

SuperAdministrativeAreaEmpty

PostalCode86442-5948Verified no change

CountryUnited States

ISO2USISO3USA

Unmatched

Processed Time00:00:00.00

Cache StatsShortcutsView AllTo Clipboard

Server Status: ssOK

Process Status: psOK

Case Number	Change Description	Category	Country	Example Address
N/A	Improvement on thoroughfare verification	Data	DE	Address1: Nußbeite 20 06295 Lutherstadt Eisleben Country: DEU Address2: Orffring 12 48599 Gronau (westf.) Country: DEU

Before Image

Loqate Demonstration UI v2.44.1.16421-d320dca

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

Organization

Premise

Address1

Locality

AdministrativeArea

PostalCode

Country

MatchScoreAbsoluteT1

Parse ☐ Verify ☒

PreferPrimaryValidAlias ☐ Match ☐ Search ☐

MaxMatchRuleCandidi

Format ☐ Geocode ☒ Enhance ☐

Clear Options Clear Input Clear Output Process

Output

Address Nußbeite 20 06295 Lutherstadt Eisleben

Latitude 51.512663

Longitude 11.558517

Accuracy A2

Distance 18021.1

Map This Location

Server Status: ssOK

Process Status: psOK

Output

Address Quality Index Result Count 1

Address Verification Code V22-I24-P6-100

Organization Empty

SubBuilding Empty

Premise 20 Identified no change

Building Empty

PostBox Empty

DependentThoroughfare Empty

Thoroughfare Nußbeite Identified context

DoubleDependentLocality Empty

DependentLocality Empty

Locality Lutherstadt Eisleben Verified no change

SubAdministrativeArea Mansfeld-Südharz Added

AdministrativeArea Sachsen-Anhalt Added

SuperAdministrativeArea Empty

PostalCode 06295 Verified no change

Country Germany

ISO2 DE ISO3 DEU

Unmatched

Processed Time 00:00:00.00

Cache Stats Shortcuts View All To Clipboard

After Image

Loqate Demonstration UI v2.44.1.16421-d320dca

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

Organization

Premise

Address1

Locality

AdministrativeArea

PostalCode

Country

MatchScoreAbsoluteT1

Parse ☐ Verify ☒

PreferPrimaryValidAlias ☐ Match ☐ Search ☐

MaxMatchRuleCandidi

Format ☐ Geocode ☒ Enhance ☐

Clear Options Clear Input Clear Output Process

Output

Address Nußbeite 20 06295 Lutherstadt Eisleben

Latitude 51.532240

Longitude 11.544400

Accuracy P4

Distance 0.0

Map This Location

Server Status: ssOK

Process Status: psOK

Output

Address Quality Index Result Count 1

Address Verification Code V44-I44-P6-100

Organization Empty

SubBuilding Empty

Premise 20 Verified no change

Building Empty

PostBox Empty

DependentThoroughfare Empty

Thoroughfare Nußbeite Verified alias change

DoubleDependentLocality Empty

DependentLocality Empty

Locality Lutherstadt Eisleben Verified no change

SubAdministrativeArea Mansfeld-Südharz Added

AdministrativeArea Sachsen-Anhalt Added

SuperAdministrativeArea Empty

PostalCode 06295 Verified no change

Country Germany

ISO2 DE ISO3 DEU

Unmatched

Processed Time 00:00:00.26

Cache Stats Shortcuts View All To Clipboard

Loqate Demonstration UI v2.44.1.16421-d320dca

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

Organization

Premise

Address1

Locality

AdministrativeArea

PostalCode

Country

MatchScoreAbsoluteTl ☐ Parse ☒ Verify

PreferPrimaryValidAlias ☐ Match ☐ Search

MaxMatchRuleCandi: ☐ Format ☒ Geocode ☐ Enhance

Clear Options Clear Input Clear Output Process

Output

Address Offring 12 48599 Gronau (West.) Latitude 52.200646 Longitude 7.036645 Accuracy A2 Distance 6541.5 [Map This Location](#)

Address Quality Index C 1 Result Count 1

Address Verification Code V22-I44-P6-100

Organization Empty

SubBuilding Empty

Premise 12 Identified no change

Building Empty

PostBox Empty

DependentThoroughfare Empty

Thoroughfare Offring Identified no change

DoubleDependentLocality Empty

DependentLocality Empty

Locality Gronau (Westf.) Verified no change

SubAdministrativeArea Reg.-Bez. Münster Added

AdministrativeArea Nordrhein-Westfalen Added

SuperAdministrativeArea Empty

PostalCode 48599 Verified no change

Country Germany

ISO2 DE ISO3 DEU

Unmatched

Processed Time 00:00:00.75

Cache Stats Shortcuts View All To Clipboard

Server Status: ssOK Process Status: psOK

Loqate Demonstration UI v2.44.1.16421-d320dca

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

Organization

Premise

Address1

Locality

AdministrativeArea

PostalCode

Country

MatchScoreAbsoluteTl ☐ Parse ☒ Verify

PreferPrimaryValidAlias ☐ Match ☐ Search

MaxMatchRuleCandi: ☐ Format ☒ Geocode ☐ Enhance

Clear Options Clear Input Clear Output Process

Output

Address Offring 12 48599 Gronau (Westf.) Latitude 52.223110 Longitude 7.042850 Accuracy P4 Distance 0.0 [Map This Location](#)

Address Quality Index A 1 Result Count 1

Address Verification Code V44-I44-P6-100

Organization Empty

SubBuilding Empty

Premise 12 Verified no change

Building Empty

PostBox Empty

DependentThoroughfare Empty

Thoroughfare Offring Verified alias change

DoubleDependentLocality Empty

DependentLocality Empty

Locality Gronau (Westf.) Verified no change

SubAdministrativeArea Reg.-Bez. Münster Added

AdministrativeArea Nordrhein-Westfalen Added

SuperAdministrativeArea Empty

PostalCode 48599 Verified no change

Country Germany

ISO2 DE ISO3 DEU

Unmatched

Processed Time 00:00:00.00

Cache Stats Shortcuts View All To Clipboard

Server Status: ssOK Process Status: psOK

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

T (800) 313-3910 | [E support@loqate.com](mailto:support@loqate.com) | <http://www.loqate.com>

Registered office as above. Registered in England and Wales number 2415211. VAT number 539 7162 18.

