

Loqate, A GBG Solution

Release Notes – Verify API

2022Q3.1 Minor Release

Case Resolutions

Please visit <https://support.loqate.com/2022q3-1-resolved-cases/> for a list of all cases resolved in this release. If you would like more details on any of the solved cases listed, please contact LoqateSupport@gbgplc.com for further information.

Local API Notices

This release note relates to the API version 2.44.1.16421-d320dca

This is to inform our customers that in this 2022Q3.1 minor release we have made one small fix.

Case Number	Change Description	Country
CAS-79365-P3F3Y1	Limit the validation to the entire length of the string to avoid overrun and causes crash exception to happen in lqtdemo	DE/SE
Supplier request	Changes imposed by the US Post Office which come into effect 1st October 2022 , force changes to the expiry date at which point our software should no longer allow processing of a CASS job and production of a 3553 form. the way that the date is determined is changing. This will affect CASS1 and CASS2.	CASS1/CASS2

Local API Improvements

Case Number	Change Description	Category	Country	Example Address
CAS-79365-P3F3Y1	Limit the validation to the entire length of the string to avoid overrun and causes crash exception to happen in lqtdemo	API	DE/SE	<ol style="list-style-type: none"> sonnenstraße 9 füssen im allaäu 876, de scheeletorget 1 c/o innovation skåne lund 223 81, se

Before Image

Loqate Demonstration UI v2.44.0.16409-2f9a966

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

ID

Address2

Address

Locality

AdministrativeArea

PostalCode

Country

DefaultCountry Parse Verify

EnhancedCountryTool Match Search

DefaultCountry Format Geocode

Enhance

Output

Address Quality Index Result Count

Address Verification Code

Organization

SubBuilding

Premise

Building

PostBox

DependentThoroughfare

Thoroughfare

DoubleDependentLocality

DependentLocality

Locality

SubAdministrativeArea

AdministrativeArea

SuperAdministrativeArea

PostalCode

Country

ISO2 ISO3

Unmatched

Processed Time

Output

Address

Latitude

Longitude

Accuracy

Distance

Server Status: **ssException (Mouseover for more info)** Process Status: **psException (Mouseover for more info)**

After Image

Loqate Demonstration UI v2.44.0.16409-2f9a966 DEBUG

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

ID

Address2

Address

Locality

AdministrativeArea

PostalCode

Country

DefaultCountry Parse Verify

EnhancedCountryTool Match Search

DefaultCountry Format Geocode

Enhance

Output

Address Quality Index Result Count

Address Verification Code

Organization Empty

SubBuilding Empty

Premise Empty

Building Empty

PostBox Empty

DependentThoroughfare Empty

Thoroughfare Empty

DoubleDependentLocality Empty

DependentLocality Empty

Locality Empty

SubAdministrativeArea Empty

AdministrativeArea Empty

SuperAdministrativeArea Empty

PostalCode Empty

Country

ISO2 ISO3

Unmatched

Processed Time

Output

Address Latitude

Longitude

Accuracy

Distance

Server Status: ssOK Process Status: psOK

Loqate Demonstration UI v2.44.0.16409-2f9a966

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

ID

Address2

Address

Locality

AdministrativeArea

PostalCode

Country

DefaultCountry Parse Verify

EnhancedCountryTool Match Search

DefaultCountry Format Geocode

Enhance

Clear Options Clear Input Clear Output Process

Output

Address Quality Index Result Count

Address Verification Code

Organization

Sub-Building

Premise

Building

PostBox

DependentThoroughfare

Thoroughfare

DoubleDependentLocality

DependentLocality

Locality

SubAdministrativeArea

AdministrativeArea

SuperAdministrativeArea

PostalCode

Country

ISO2 ISO3

Unmatched

Processed Time

Cache Stats Shortcuts View All To Clipboard

Output

Address

Latitude

Longitude

Accuracy

Distance

Map This Location

Server Status: **ssException (Mouseover for more info)**

Process Status: psOK

Loqate Demonstration UI v2.44.0.16409-2f9a966 DEBUG

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

ID

Address2

Address

Locality

AdministrativeArea

PostalCode

Country

DefaultCountry Parse Verify

EnhancedCountryTool Match Search

DefaultCountry Format Geocode

Enhance

Clear Options Clear Input Clear Output Process

Output

Address Quality Index Result Count

Address Verification Code

Organization Identified no change

Sub-Building Empty

Premise Verified no change

Building Empty

PostBox Empty

DependentThoroughfare Empty

Thoroughfare Verified no change

DoubleDependentLocality Empty

DependentLocality Added

Locality Verified no change

SubAdministrativeArea Added

AdministrativeArea Verified alias change

SuperAdministrativeArea Empty

PostalCode Verified large 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
Internal	CENSUS+ fix for missing fields by having embedded Verify Match Rule (VMR) auto reorder.	API	All	10 OATES DR BLACK MOUNTAIN NC 28711 USA

Before Image

After Image

Missing fields from CENSUS+B - BlockCode, BlockGroupCode and TractCode.

Fields from CENSUS+B appear.

The screenshot shows the Loqate Demonstration UI with the following details:

- Input Data:** Address3, Address2, Address (10 oates dr), Locality (black mountain), Administrative Area (nc), Postal Code (28711), Country (USA).
- Output:** Address Quality Index (A), Address Verification Code (V44-144-P7-100), Organization (Empty), Sub-Building (Empty), Premise (10), Building (Empty), Post Box (Empty), Dependent Thoroughfare (Empty), Thoroughfare (Oates Dr), Double-Dependent Locality (Empty), Dependent Locality (Empty), Locality (Black Mountain), Sub-Administrative Area (Buncombe), Administrative Area (NC), Super-Administrative Area (Empty), Postal Code (28711-9933), Country (United States), ISO2 (US), ISO3 (USA), Unmatched, Processed Time (00:00:05.09).
- Reverse Grid Results:**

_L	Verify LOGOUTP...
Address	10 Oates Dr ...
Address1	10 Oates Dr
Address2	Black Mountain ...
AddressFormat	Premise Thorough...
AdministrativeArea	NC
AdministrativeAreaISO2	US-NC
AQI	A
AVC	V44-144-P7-100
CAMEO_CAT	6E
CAMEO_GRP	6
CAMEO_INT	34
CBSACode	11700
CBSAName	Asheville, Nc Met...
CensusClassCode	C1
CensusCode	06140
CountryName	United States
CountryCode	021
DeliveryAddress	10 Oates Dr
DeliveryAddress1	10 Oates Dr
DeliveryAddressFormat	Premise Thorough...
GeoAccuracy	P4
GeoDistance	0.0
GNISFeatureID	2405272
HuberClass	C

The screenshot shows the Loqate Demonstration UI with the following details:

- Input Data:** Address3, Address2, Address (10 oates dr), Locality (black mountain), Administrative Area (nc), Postal Code (28711), Country (USA).
- Output:** Address Quality Index (A), Address Verification Code (V44-144-P7-100), Organization (Empty), Sub-Building (Empty), Premise (10), Building (Empty), Post Box (Empty), Dependent Thoroughfare (Empty), Thoroughfare (Oates Dr), Double-Dependent Locality (Empty), Dependent Locality (Black Mountain), Sub-Administrative Area (Buncombe), Administrative Area (NC), Super-Administrative Area (Empty), Postal Code (28711-9933), Country (United States), ISO2 (US), ISO3 (USA), Unmatched, Processed Time (00:00:01.53).
- Reverse Grid Results:**

_L	Verify LOGOUTP...
Address	10 Oates Dr ...
Address1	10 Oates Dr
Address2	Black Mountain ...
AddressFormat	Premise Thorough...
AdministrativeArea	NC
AdministrativeAreaISO2	US-NC
AQI	A
AVC	V44-144-P7-100
BlockCode	1007
BlockGroupCode	1
CAMEO_CAT	6E
CAMEO_GRP	6
CAMEO_INT	34
CBSACode	11700
CBSAName	Asheville, Nc Met...
CensusClassCode	H1
CensusCode	00021
CensusIndicator	Premise
CountryName	United States
CountryCode	021
DeliveryAddress	10 Oates Dr
DeliveryAddress1	10 Oates Dr
DeliveryAddressFormat	Premise Thorough...
GeoAccuracy	P4

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.



Installation Instructions

Please remember to update both the program files and the reference data and **please install these to a new fresh folder location**. The improvements are tied to the data in the Global Knowledge Repository and the Local API. When updating the data, it is recommended to use a new data folder each time in order to ensure the latest dataset is installed properly.

If you need any assistance with the upgrade of the Local API or the data update process, please contact [GBG Loqate Support](#).

The setup wizard for the [Local API](#) can be obtained from our SFTP server. Please contact your account manager to retrieve the SFTP information. If you do not know who your account manager is, please contact the support team at LoqateSupport@gbgplc.com.