

Loqate, A GBG Solution

Release Notes – Verify API

2023Q4.0 Major Release

Case Resolutions

Please visit <https://support.loqate.com/2023q4-0-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 Notice

This is to inform our customers that in 2023Q4.0 release we have made a couple of improvement to the Verify API and our CASS and SERP Certify solutions – please see details below.

The latest API version reference included in this release is **2.49.0.17185-b9559c3**

Local API Improvement

Case Number	Change Description	Country
CAS-106780-C4D7K9	Fix to prevent crash in AIX version of Verify on premise solution when using EnhancedCountryTool	US & Canada
CAS-107873-N4B8F1	Fix to Verify Certify products to not apply casing to HTML tag results	US CASS & Canada SERP
General Country Improvement	Enhancement to handle longer Argentina Postalcodes	Argentina
CAS-108556-W0X3Q8	Improvement in urbanization handling.	Puerto Rico

Case Number	Change Description	Category	Country	Example Address
CAS-107873-N4B8F1	Don't apply casing to HTML tags	API	US CASS & CA SERP	Address1="476 Murray St" Address2="301" Locality="Pelham" AdministrativeArea="NY" PostalCode="10803" Country="USA"

Before Image

Loqate Demonstration UI v2.48.0.17033-f36b627

Address Quality Index: Z, 1, Result Count: 1

Reverse Grid	
_L	Verify:LOGOUTPUT=YesCountry:CASS2
Address	476 Murray St 301 Pelham NY 10803-2116
Address1	476 Murray St 301
Address2	Pelham NY 10803-2116
AddressFormat	DeliveryAddress Locality AdministrativeArea Po...
AdministrativeArea	NY
AQI	Z
AVC	Z00-00-00-000
CarrierRoute	C007
CheckDigit	5
CMRAIndicator	N
CongressionalDistrict	16
CountryName	United States
DefaultFlag	
DeliveryAddress	476 Murray St 301
DeliveryAddress1	476 Murray St 301
DeliveryPointBarCode	765
DependentLocality	
DNA	N
DPVConfirmedIndicator	Y
DPVFootnotes	AABB

After Image

Loqate Demonstration UI v2.48.1.17169-8ec42d9

Address Quality Index: Z, 1, Result Count: 1

Reverse Grid	
_L	Verify:LOGOUTPUT=YesCountry:CASS2
Address	476 Murray St 301 Pelham NY 10803-2116
Address1	476 Murray St
Address2	301
Address3	Pelham NY 10803-2116
AddressFormat	DeliveryAddress Locality AdministrativeArea Po...
AdministrativeArea	NY
AQI	Z
AVC	Z00-00-00-000
CarrierRoute	C007
CheckDigit	5
CMRAIndicator	N
CongressionalDistrict	16
CountryName	United States
DefaultFlag	
DeliveryAddress	476 Murray St 301
DeliveryAddress1	476 Murray St
DeliveryAddress2	301
DeliveryPointBarCode	765
DependentLocality	
DNA	N
DPVConfirmedIndicator	Y
DPVFootnotes	AABB

Loqate Demonstration UI v2.48.0.17033-f36b627

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

ID []

Address2 [Acme Ltd]

Address1 [104-220 Yonge St]

Locality [Toronto]

PostalCode [M5B 2H1]

AdministrativeArea [ON]

Country [CAN]

OutputCasing [Capitalize] Parse Verify

CassDebugFields [] Match Search

CertifiedCountryList [CAN] Format Enhance

Clear Options Clear Input Clear Output Process

Output

Address [104-220 Yonge St
Acme Ltd
Toronto ON M5B 2H1] Latitude []

Longitude []

Accuracy []

Distance []

Map This Location

Server Status: ssOK

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

Results

Reverse Grid	
1	
Verify: LOGOUTPUT=YesCountry/SERP/Parse/L...	
AddInfo	
Address	104-220 Yonge St Acme Ltd Toronto O...
Address1	104-220 Yonge St Acme Ltd
Address2	Toronto ON M5B 2H1
AddressFormat	DeliveryAddress Locality AdministrativeArea...
AdministrativeArea	ON
AQI	A
AVC	V55-I55-P6-100
CountryName	Canada
DeliveryAddress	104-220 Yonge St Acme Ltd
DeliveryAddress1	104-220 Yonge St Acme Ltd
EndExpiryDate	2023-11-16
ISO3166-2	CA
ISO3166-3	CAN
ISO3166-N	124
Locality	Toronto
PostalCode	M5B 2H1
PostalCodePrimary	M5B 2H1
Premise	220
PremiseNumber	220
Result	Valid

Loqate Demonstration UI v2.48.1.17169-8ec42d9

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

ID []

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Address1 [104-220 Yonge St]

Locality [Toronto]

PostalCode [M5B 2H1]

AdministrativeArea [ON]

Country [CAN]

OutputCasing [Capitalize] Parse Verify

CassDebugFields [] Match Search

CertifiedCountryList [CAN] Format Enhance

Clear Options Clear Input Clear Output Process

Output

Address [104-220 Yonge St
Acme Ltd
Toronto ON M5B 2H1] Latitude []

Longitude []

Accuracy []

Distance []

Map This Location

Server Status: ssOK

Local Disk (C:)

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

Results

Reverse Grid	
1	
Verify: LOGOUTPUT=YesCountry/SERP/Parse/Lexcon: T...	
AddInfo	
Address	104-220 Yonge St Acme Ltd Toronto ON M5B
Address1	104-220 Yonge St
Address2	Acme Ltd
Address3	Toronto ON M5B 2H1
AddressFormat	DeliveryAddress Locality AdministrativeArea PostalC
AdministrativeArea	ON
AQI	A
AVC	V55-I55-P6-100
CountryName	Canada
DeliveryAddress	104-220 Yonge St Acme Ltd
DeliveryAddress1	104-220 Yonge St
DeliveryAddress2	Acme Ltd
EndExpiryDate	2023-11-16
ISO3166-2	CA
ISO3166-3	CAN
ISO3166-N	124
Locality	Toronto
PostalCode	M5B 2H1
PostalCodePrimary	M5B 2H1
Premise	220

Case Number	Change Description	Category	Country	Example Address
NA	Enhancement to handle Argentina postal code update.	API	Argentina	Avenida Nazca 4 438, Buenos Aires, C1406ABC, ARG

Before Image

Loqate Demonstration UI v2.48.1.17110-efb3179 DEBUG

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

Address3: []
Address2: []
Address1: Avenida Nazca 4 438

Locality: Buenos Aires
AdministrativeArea: []
PostalCode: C1406ABC
Country: ARG

EnhancedCountryTool: [] Parse [] Verify [x]
AddressLineSeparator: [] Match [] Search []
OutputCasing: [] Format [] Geocode [] Enhance []

Clear Options Clear Input Clear Output Process

Output

Address: Avenida Nazca 438
Flores
C1406AJQABC Ciudad Autón

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

Address Quality Index: B 1 Result Count: 1

Address Verification Code: V42-144-P6-098

Organization: [] Empty
SubBuilding: [] Empty
Premise: 438 Verified no change
Building: [] Empty
PostBox: [] Empty
DependentThoroughfare: [] Empty
Thoroughfare: Avenida Nazca Verified small change
DoubleDependentLocality: [] Empty
DependentLocality: Flores Added
Locality: Ciudad Autónoma Buenos Aires Verified alias change
SubAdministrativeArea: [] Empty
AdministrativeArea: Ciudad Autónoma de Buenos Aires Added
SuperAdministrativeArea: [] Empty
PostalCode: C1406AJQABC Verified small change
Country: Argentina
ISO2: AR ISO3: ARG
Unmatched: []
Processed Time: 00:00:00.31

Cache Stats Shortcuts View All To Clipboard

Server Status: ssOK Process Status: psOK

After Image

Loqate Demonstration UI v2.48.1.17182-c0cbb55 DEBUG

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

Address3: []
Address2: []
Address1: Avenida Nazca 4 438

Locality: Buenos Aires
AdministrativeArea: []
PostalCode: C1406ABC
Country: ARG

EnhancedCountryTool: [] Parse [] Verify [x]
AddressLineSeparator: [] Match [] Search []
OutputCasing: [] Format [] Geocode [] Enhance []

Clear Options Clear Input Clear Output Process

Output

Address: Avenida Nazca 438
Flores
C1406AJQ Ciudad Autónoma

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

Address Quality Index: B 1 Result Count: 1

Address Verification Code: V42-144-P6-098

Organization: [] Empty
SubBuilding: [] Empty
Premise: 438 Verified no change
Building: [] Empty
PostBox: [] Empty
DependentThoroughfare: [] Empty
Thoroughfare: Avenida Nazca Verified small change
DoubleDependentLocality: [] Empty
DependentLocality: Flores Added
Locality: Ciudad Autónoma Buenos Aires Verified alias change
SubAdministrativeArea: [] Empty
AdministrativeArea: Ciudad Autónoma de Buenos Aires Added
SuperAdministrativeArea: [] Empty
PostalCode: C1406AJQ Verified large change
Country: Argentina
ISO2: AR ISO3: ARG
Unmatched: []
Processed Time: 00:00:00.29

Cache Stats Shortcuts View All To Clipboard

Server Status: ssOK Process Status: psOK

Case Number	Change Description	Category	Country	Example Address
CAS-108556-W0X3Q8	Verify Improvement in urbanization handling.	API	Puerto Rico	1895 CALLE GUARA, URB LOS CAOBOS, PONCE, PUERTO RICO

Before Image

Loqate Demonstration UI v2.48.1.17110-efb3179

Input Data: Address1: 1895 CALLE GUARA, Address2: URB LOS CAOBOS, Address3: [Empty], Locality: PONCE, AdministrativeArea: PR, PostalCode: [Empty], Country: US, CertifiedCountryList: USA, Parse: [Unchecked], Verify: [Checked], SerpLVRVALID: [Empty], Match: [Unchecked], Search: [Unchecked], Format: [Unchecked], Geocode: [Unchecked], Enhance: [Unchecked].

Output: Address Quality Index: 2, Result Count: 1, Address Verification Code: Z00-00-00-000, Organization: [Empty], SubBuilding: [Empty], Premise: 1895 (Verified no change), Building: [Empty], PostBox: [Empty], DependentThoroughfare: [Empty], Thoroughfare: CALLE GUARA (Verified no change), DoubleDependentLocality: [Empty], DependentLocality: URB LOS CAOBOS (Verified small change), Locality: PONCE (Verified small change), SubAdministrativeArea: PONCE (Added), AdministrativeArea: PR (Verified no change), SuperAdministrativeArea: [Empty], PostalCode: 00716-2642 (Verified small change), Country: UNITED STATES, ISO2: US, ISO3: USA, Unmatched: [Empty], Processed Time: 00:00:01.06.

Server Status: ssOK, Process Status: psOK

After Image

Loqate Demonstration UI v2.49.0.17185-b9559c3

Input Data: Address1: 1895 CALLE GUARA, Address2: URB LOS CAOBOS, Address3: [Empty], Locality: PONCE, AdministrativeArea: PR, PostalCode: [Empty], Country: US, CertifiedCountryList: USA, Parse: [Unchecked], Verify: [Checked], SerpLVRVALID: [Empty], Match: [Unchecked], Search: [Unchecked], Format: [Unchecked], Geocode: [Unchecked], Enhance: [Unchecked].

Output: Address Quality Index: 2, Result Count: 1, Address Verification Code: Z00-00-00-000, Organization: [Empty], SubBuilding: [Empty], Premise: 1895 (Verified no change), Building: [Empty], PostBox: [Empty], DependentThoroughfare: [Empty], Thoroughfare: CALLE GUARA (Verified no change), DoubleDependentLocality: [Empty], DependentLocality: URB LOS CAOBOS (Verified small change), Locality: PONCE (Verified small change), SubAdministrativeArea: PONCE (Added), AdministrativeArea: PR (Verified no change), SuperAdministrativeArea: [Empty], PostalCode: 00716-2642 (Verified small change), Country: UNITED STATES, ISO2: US, ISO3: USA, Unmatched: [Empty], Processed Time: 00:00:01.96.

Server Status: ssOK, Process Status: psOK

Loqate Demonstration UI v2.48.1.17110-efb3179

Input Data: Address1: 1895 CALLE GUARA, Address2: URB LOS CAOBOS, Address3: [Empty]

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

Address Verification Code: Z00-00-00-000

Organization: [Empty] Empty

SubBuilding: [Empty] Empty

Premise: 1895, Verified no change

Building: [Empty] Empty

PostBox: [Empty] Empty

DependentThoroughfare: [Empty] Empty

Thoroughfare: CALLE GUARA, Verified no change

DoubleDependentLocality: [Empty] Empty

DependentLocality: URB LOS CAOBOS, Verified small change

Locality: PONCE, Verified small change

SubAdministrativeArea: PONCE, Added

AdministrativeArea: PR, Verified no change

SuperAdministrativeArea: [Empty] Empty

PostalCode: 00716-2642, Verified small change

Country: UNITED STATES

ISO2: US, ISO3: USA

Unmatched: [Empty]

Processed Time: 00:00:00.01

Output Address: URB LOS CAOBOS, 1895 CALLE GUARA, URB LOS CAOBOS, PONCE PR, 00716-2642

Map This Location

Server Status: ssOK, Process Status: psOK

Loqate Demonstration UI v2.49.0.17185-b9559c3

Input Data: Address1: 1895 CALLE GUARA, Address2: URB LOS CAOBOS, Address3: [Empty]

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

Address Verification Code: Z00-00-00-000

Organization: [Empty] Empty

SubBuilding: [Empty] Empty

Premise: 1895, Verified no change

Building: [Empty] Empty

PostBox: [Empty] Empty

DependentThoroughfare: [Empty] Empty

Thoroughfare: CALLE GUARA, Verified no change

DoubleDependentLocality: [Empty] Empty

DependentLocality: URB LOS CAOBOS, Verified small change

Locality: PONCE, Verified small change

SubAdministrativeArea: PONCE, Added

AdministrativeArea: PR, Verified no change

SuperAdministrativeArea: [Empty] Empty

PostalCode: 00716-2642, Verified small change

Country: UNITED STATES

ISO2: US, ISO3: USA

Unmatched: [Empty]

Processed Time: 00:00:00.02

Output Address: URB LOS CAOBOS, 1895 CALLE GUARA, URB LOS CAOBOS, PONCE PR, 00716-2642

Map This Location

Server Status: ssOK, Process Status: psOK

Installation Instructions

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

If you need any assistance with the upgrade of the Local API or the data update process, please contact [BGB Loqate Support](mailto:BGB.Loqate.Support@gbg.com).

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@gbg.com.

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