

Loqate, A GBG Solution

Release Notes – Verify API

2024Q4.0 Major Release – API Version - 2024Q4.0_2.53.0.17865-8ba8afa

Local API Notice

In the 2024Q4.0 release we have fixed 3 customer cases and made several internal improvements to the Verify API.

Case Resolutions

Details of the three customer case resolutions are detailed below. If you would like more details on these cases, please contact LoqateSupport@gbgplc.com or your Customer Success Manager for further information.

Local API Improvement

Case Number	Change Description	Country
	Adding a feature to ensure returning of PostalCodeSecondary for US Address that can be verified with Level 4 and Level 5.	USA
CAS-114712-V7R3L7	Improves engine matching of empty fields, and thus reduce ambiguous results	ALL
CAS-130675-M0S5S5	Matching of ranged fields' prefix is now case insensitive.	ALL

Case Number	Change Description	Category	Country	Example Address
CAS-113737-S1B8F9	Adding a feature to ensure returning of PostalCodeSecondary for US Address that can be verified with Level 4 and Level 5.	API	USA	Address 1: 1333 S Mayflower Ave Fl 2 Monrovia California 91016, US. Address 2: 5326 Main St Ste 2 Spring Hill Tennessee 37174, US

Before Image

Loqate Demonstration UI v2.52.1.17838-32e941c DEBUG

Input Data: SubBuilding, Premise, Address1 (1333 S Mayflower Ave Fl 2 Monrovia California 91016), Locality, AdministrativeArea, PostalCode, Country (US), OutputCasing, OutputScript, MaxResults.

Output: Address Quality Index (A), Address Verification Code (V44-I55-P6-100), Organization (Empty), Sub-Building (Fl 2), Premise (1333), Building (Empty), PostBox (Empty), Dependent.Thoroughfare (Empty), Thoroughfare (S Mayflower Ave), DoubleDependentLocality (Empty), DependentLocality (Empty), Locality (Monrovia), Sub-AdministrativeArea (Los Angeles), AdministrativeArea (CA), SuperAdministrativeArea (Empty), PostalCode (91016), Country (United States), ISO2 (US), ISO3 (USA), Unmatched (Empty), Processed Time (00:00:00.40).

Server Status: ssOK Process Status: psOK

After Image

Loqate Demonstration UI v2.52.1.17820-dfeb69f DEBUG

Input Data: SubBuilding, Premise, Address1 (1333 S Mayflower Ave Fl 2 Monrovia California 91016), Locality, AdministrativeArea, PostalCode, Country (US), OutputCasing, OutputScript, MaxResults.

Output: Address Quality Index (A), Address Verification Code (V44-I55-P7-100), Organization (Empty), Sub-Building (Fl 2), Premise (1333), Building (Empty), PostBox (Empty), Dependent.Thoroughfare (Empty), Thoroughfare (S Mayflower Ave), DoubleDependentLocality (Empty), DependentLocality (Empty), Locality (Monrovia), Sub-AdministrativeArea (Los Angeles), AdministrativeArea (CA), SuperAdministrativeArea (Empty), PostalCode (91016-4066), Country (United States), ISO2 (US), ISO3 (USA), Unmatched (Empty), Processed Time (00:00:00.32).

Server Status: ssOK Process Status: psOK

Loqate Demonstration UI v2.52.0.17699-3af9e54 DEBUG

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

SubBuilding []

Premise []

Address1 [5326 Main St Ste 2 Spring Hill Tennessee 37174]

Locality []

AdministrativeArea []

PostalCode []

Country [US]

OutputCasing [] Parse Verify

OutputScript [] Match Search

MaxResults [] Format Geocode Enhance

Clear Options Clear Input Clear Output Process

Output

Address 5326 Main St Ste 2 Spring Hill TN 37174 Latitude [] Longitude [] Accuracy [] Distance [] Map This Location

Address Quality Index [A] 1 Result Count 1

Address Verification Code [V44-I55-P6-100]

Organization [] Empty

SubBuilding [Ste 2] Identified no change

Premise [5326] Verified no change

Building [] Empty

PostBox [] Empty

DependentThoroughfare [] Empty

Thoroughfare [Main St] Verified no change

DoubleDependentLocality [] Empty

DependentLocality [] Empty

Locality [Spring Hill] Verified no change

SubAdministrativeArea [Maury] Added

AdministrativeArea [TN] Verified alias change

SuperAdministrativeArea [] Empty

PostalCode [37174] Verified no change

Country [United States] Cache Stats

ISO2 [US] ISO3 [USA] Shortcuts

Unmatched [] View All

Processed Time [00:00:00.07] To Clipboard

Server Status: ssOK Process Status: psOK

Loqate Demonstration UI v2.52.1.17820-dfeb69f DEBUG

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

SubBuilding []

Premise []

Address1 [5326 Main St Ste 2 Spring Hill Tennessee 37174]

Locality []

AdministrativeArea []

PostalCode []

Country [US]

OutputCasing [] Parse Verify

OutputScript [] Match Search

MaxResults [] Format Geocode Enhance

Clear Options Clear Input Clear Output Process

Output

Address 5326 Main St Ste 2 Spring Hill TN 37174-2411 Latitude [] Longitude [] Accuracy [] Distance [] Map This Location

Address Quality Index [A] 1 Result Count 1

Address Verification Code [V44-I55-P7-100]

Organization [] Empty

SubBuilding [Ste 2] Identified no change

Premise [5326] Verified no change

Building [] Empty

PostBox [] Empty

DependentThoroughfare [] Empty

Thoroughfare [Main St] Verified no change

DoubleDependentLocality [] Empty

DependentLocality [] Empty

Locality [Spring Hill] Verified no change

SubAdministrativeArea [Maury] Added

AdministrativeArea [TN] Verified alias change

SuperAdministrativeArea [] Empty

PostalCode [37174-2411] Verified small change

Country [United States] Cache Stats

ISO2 [US] ISO3 [USA] Shortcuts

Unmatched [] View All

Processed Time [00:00:00.07] To Clipboard

Server Status: ssOK Process Status: psOK

GBG Loqate, 2300 Windy Ridge Pkwy SE Ste 1115 Atlanta GA 30339-6147

US: +1 866 642 3240 UK: 0800 198 6460

Rest of world: +44 (0) 190 591 5084 - (800) 313-3910 | support@loqate.com | <http://www.loqate.com>



Case Number	Change Description	Category	Country	Example Address
CAS-114712-V7R3L7	Improves engine matching of empty fields, and thus reduce ambiguous results	API	ALL	2-1-14 Mita Minato-Ku Tokyo 108-8361 Japan

Before Image

Loqate Demonstration UI v2.52.1.17773-269287f DEBUG LFS64

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data
 Address3
 Address2
 Address1 2-1-14 Mita Minato-Ku Tokyo 108-8361 Japan

Output
 Address Quality Index 1 Result Count 2
 Address Verification Code A44-144-P6-100
 Organization Empty
 SubBuilding Empty
 Premise 2-1-14 Verified no change
 Building Empty
 PostBox Empty
 Dependent Thoroughfare Empty
 Thoroughfare Mita Verified no change
 DoubleDependentLocality Empty
 DependentLocality Empty
 Locality Minato-Ku Verified no change
 SubAdministrativeArea Empty
 AdministrativeArea Tokyo Verified no change
 SuperAdministrativeArea Empty
 PostalCode 108-8361 Verified no change
 Country Japan
 ISO2 JP ISO3 JPN
 Unmatched
 Processed Time 00:00:02.40

Output
 Address 2-1-14 Mita Minato-Ku Tokyo 108-8361
 Latitude
 Longitude
 Accuracy
 Distance
 Map This Location

Server Status: ssOK Process Status: psOK

After Image

Loqate Demonstration UI v2.52.1.17848-76aa14c DEBUG LFS64

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data
 Address3
 Address2
 Address1 2-1-14 Mita Minato-Ku Tokyo 108-8361 Japan

Output
 Address Quality Index A 1 Result Count 1
 Address Verification Code V44-144-P6-100
 Organization Empty
 SubBuilding Empty
 Premise 2-1-14 Verified no change
 Building Empty
 PostBox Empty
 Dependent Thoroughfare Empty
 Thoroughfare Mita Verified no change
 DoubleDependentLocality Empty
 DependentLocality Empty
 Locality Minato-Ku Verified no change
 SubAdministrativeArea Empty
 AdministrativeArea Tokyo Verified no change
 SuperAdministrativeArea Empty
 PostalCode 108-8361 Verified no change
 Country Japan
 ISO2 JP ISO3 JPN
 Unmatched
 Processed Time 00:00:02.35

Output
 Address 2-1-14 Mita Minato-Ku Tokyo 108-8361
 Latitude
 Longitude
 Accuracy
 Distance
 Map This Location

Server Status: ssOK Process Status: psOK

Case Number	Change Description	Category	Country	Example Address
CAS-130675-M0S5S5	Matching of ranged fields' prefix is now case insensitive.	API	ALL	900 Havemann Rd Ste C Celina OH 45822 US

Before Image

Loqate Demonstration UI v2.52.1.17773-269287f LFS64

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

Address3 []

Building []

Address1 [900 Havemann Rd Ste C]

Locality [Celina]

AdministrativeArea [OH]

PostalCode [45822]

Country [US]

QueryResultCacheSize [] Parse Verify

PreferPrimaryValidAlias [] 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-I55-P7-100]

Organization [] Empty

Sub-Building [Ste C] Identified no change

Premise [900] Verified no change

Building [] Empty

PostBox [] Empty

DependentThoroughfare [] Empty

Thoroughfare [Havemann Rd] Verified no change

DoubleDependentLocality [] Empty

DependentLocality [] Empty

Locality [Celina] Verified no change

SubAdministrativeArea [Mercer] Added

AdministrativeArea [OH] Verified no change

SuperAdministrativeArea [] Empty

PostalCode [45822-1870] Verified small change

Country [United States]

ISO2 [US] ISO3 [USA]

Unmatched []

Processed Time [00:00:00.04]

Cache Stats Shortcuts View All To Clipboard

Address [900 Havemann Rd Ste C Celina OH 45822-1870]

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

Map This Location

Server Status: ssOK Process Status: psOK

After Image

Loqate Demonstration UI v2.52.1.17773-269287f LFS64

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

Address3 []

Building []

Address1 [900 Havemann Rd Ste C]

Locality [Celina]

AdministrativeArea [OH]

PostalCode [45822]

Country [US]

QueryResultCacheSize [] Parse Verify

PreferPrimaryValidAlias [] Match Search

DefaultCountry [] Format Geocode

Enhance

Clear Options Clear Input Clear Output Process

Output

Address Quality Index [A] 1 Result Count 1

Address Verification Code [V55-I55-P7-100]

Organization [] Empty

Sub-Building [Ste C] Verified no change

Premise [900] Verified no change

Building [] Empty

PostBox [] Empty

DependentThoroughfare [] Empty

Thoroughfare [Havemann Rd] Verified no change

DoubleDependentLocality [] Empty

DependentLocality [] Empty

Locality [Celina] Verified no change

SubAdministrativeArea [Mercer] Added

AdministrativeArea [OH] Verified no change

SuperAdministrativeArea [] Empty

PostalCode [45822-1870] Verified small change

Country [United States]

ISO2 [US] ISO3 [USA]

Unmatched []

Processed Time [00:00:00.03]

Cache Stats Shortcuts View All To Clipboard

Address [900 Havemann Rd Ste C Celina OH 45822-1870]

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

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 [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 LogateSupport@gbgplc.com.