

Loqate, A GBG Solution

Release Notes – Verify API

2024Q1.0 Major Release

Case Resolutions

Details of the one customer case resolution and an internal performance improvement are detailed below. If you would like more details on these cases, please contact LoqateSupport@gbgplc.com for further information.

Local API Notice

This is to inform our customers that in 2024Q1.0 release we have made a couple of improvements to the Verify API and our SERP Certify solutions – please see details below.

The latest API version reference included in this release is **2.50.0.17296-638d49f**

SERP

There is a new version of SERP libraries for all supported platforms. Please download and install via Install Manger to ensure you get the new SERP module as well as the new runtime dependency vcruntime140_1.dll for Windows 64bit installs.

Local API Improvement

| Case Number | Change Description | Country |
|-------------------|---|---------|
| CAS-102591-V8N7H0 | Changed Country detection to priorities Default Country when specified at the end of the address. | All |
| Internal | Implement Start/End condition in format fields and improved speed when the field range has very big value ({1*999}). | All |

| Case Number | Change Description | Category | Country | Example Address |
|-------------------|--|----------|---------|--|
| CAS-102591-V8N7H0 | Changed Country detection to prioritize DefaultCountry when specified at the end of the address. | API | ALL | 228 Bushwick ave Brooklyn Kings County, New York 11206 United States |

Before Image

After Image

The screenshots show the Loqate Demonstration UI v2.46.0.9999-CYCLEO interface. The left window shows the 'Before Image' state where the address '228 Bushwick ave Brooklyn Kings County, New York 11206 United States' is processed with a DefaultCountry of 'USA'. The right window shows the 'After Image' state where the same address is processed with a DefaultCountry of 'E' (Europe), resulting in a different Address Verification Code (V44-I45-P7-075) and more detailed location data like 'Brooklyn Kings County' and 'Brooklyn NY 11206-2378'.

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

| Case Number | Change Description | Category | Country | Example Address |
|-------------|--|----------|---------|---|
| n/a | Implement Start/End condition in format fields and improved speed when the field range has very big value ({1*999}). | API | All | Address =1/45 Narcissus Ave Boronia VIC 3155, AU FormatExceptions=DeliveryAddress[SubBuilding(Start)-U \\{1*999}];,PostBox; ,Building; ,SubBuildingExtra; ,SubBuildingFloor; ,SubBuilding; ,Premise; ,Thoroughfare; ,DependentThoroughfare; ,DoubleDependent Locality; ,DependentLocality |

Before Image

After Image

Loqate Demonstration UI v2.47.0.16890-9158ddb DEBUG

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data
Address3
Address2
Address1 1/45 Narcissus Ave Boronia VIC 3155
Locality
AdministrativeArea
PostalCode
Country AU
EnhancedCountryTool Parse Verify
CertifiedCountryList Match Search
DefaultCountry Format Geocode Enhance
Clear Options Clear Input Clear Output Process

Output
Address Quality Index 1 Result Count 1
Address Verification Code V54-I55-P6-094
Organization Empty
Sub-Building U 1 Verified large change
Premise 45 Verified no change
Building Empty
PostBox Empty
DependentThoroughfare Empty
Thoroughfare Narcissus Ave Verified no change
DoubleDependentLocality Empty
DependentLocality Empty
Locality BORONIA Verified no change
SubAdministrativeArea Empty
AdministrativeArea VIC Verified no change
SuperAdministrativeArea Empty
PostalCode 3155 Verified no change
Country Australia
ISO2 AU ISO3 AUS
Unmatched
Processed Time 00:00:00.15
Cache Stats Shortcuts View All To Clipboard

Server Status: ssOK Process Status: psOK

Loqate Demonstration UI v2.47.0.16890-9158ddb DEBUG

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data
Address3
Address2
Address1 1/45 Narcissus Ave Boronia VIC 3155
Locality
AdministrativeArea
PostalCode
Country AU
EnhancedCountryTool Parse Verify
CertifiedCountryList Match Search
DefaultCountry Format Geocode Enhance
Clear Options Clear Input Clear Output Process

Output
Address Quality Index 1 Result Count 1
Address Verification Code V54-I55-P6-094
Organization Empty
Sub-Building U 1 Verified no change
Premise 45 Verified no change
Building Empty
PostBox Empty
DependentThoroughfare Empty
Thoroughfare Narcissus Ave Verified no change
DoubleDependentLocality Empty
DependentLocality Empty
Locality BORONIA Verified no change
SubAdministrativeArea Empty
AdministrativeArea VIC Verified no change
SuperAdministrativeArea Empty
PostalCode 3155 Verified no change
Country Australia
ISO2 AU ISO3 AUS
Unmatched
Processed Time 00:00:00.39
Cache Stats Shortcuts View All To Clipboard

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 Logate 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.