

# Loqate, A GBG Solution

## Release Notes – Verify API

### 2022Q2.0 Major Release

#### Case Resolutions

Please visit <https://support.loqate.com/2022q2-0-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](mailto:LoqateSupport@gbgplc.com) for further information.

#### Local API Notices

This is to inform our customers that in this 2022Q2.0 release we have made no major changes to the API there are two minor improvement.

## Local API Improvements

| Case Number      | Change Description   | Category | Country | Example Address   |
|------------------|--|----------|---------|---|
| CAS-70258-M0H2Q7 | Fixed SERP crash when Canada postal code has less than 3 characters. | API      | CAN     | Address1: 10 3021 Birds Hill Road<br>Locality: East St. Paul<br>AdministrativeArea: Manitoba<br>PostalCode: MB<br>Country: CA |

Before Image

Loqate Demonstration UI v2.42.0.16081-c586695

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data  
 Address3: [ ]  
 Address2: [ ]  
 Address1: 3021 Birds Hill Road

Locality: East St. Paul  
 AdministrativeArea: Manitoba  
 PostalCode: MB  
 Country: CAN

Output  
 Address Quality Index: 0 Result Count: 0  
 Address Verification Code: U00-U00-P0-000  
 Organization: [ ]  
 SubBuilding: [ ]  
 Premise: [ ]  
 Building: [ ]  
 PostBox: [ ]  
 DependentThoroughfare: [ ]  
 Thoroughfare: [ ]  
 DoubleDependentLocality: [ ]  
 DependentLocality: [ ]  
 Locality: [ ]  
 Sub-AdministrativeArea: [ ]  
 AdministrativeArea: [ ]  
 SuperAdministrativeArea: [ ]  
 PostalCode: [ ]  
 Country: [ ]  
 ISO2: [ ] ISO3: [ ]  
 Unmatched: [ ]  
 Processed Time: [ ]

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

After Image

Loqate Demonstration UI v2.42.1.16089-d82784e

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data  
 Address3: [ ]  
 Address2: [ ]  
 Address1: 3021 Birds Hill Road

Locality: East St. Paul  
 AdministrativeArea: Manitoba  
 PostalCode: MB  
 Country: CAN

Output  
 Address Quality Index: 1 Result Count: 1  
 Address Verification Code: U00-U00-P0-000  
 Organization: [ ] Empty  
 SubBuilding: [ ] Empty  
 Premise: 3021 Verified no change  
 Building: [ ] Empty  
 PostBox: [ ] Empty  
 DependentThoroughfare: [ ] Empty  
 Thoroughfare: BIRD'S HILL ROAD Verified large change  
 DoubleDependentLocality: [ ] Empty  
 DependentLocality: [ ] Empty  
 Locality: EAST ST. PAUL Verified no change  
 Sub-AdministrativeArea: [ ] Empty  
 AdministrativeArea: MB Verified no change  
 SuperAdministrativeArea: [ ] Empty  
 PostalCode: MB Added  
 Country: CANADA  
 ISO2: CA ISO3: CAN  
 Unmatched: [ ]  
 Processed Time: 00:00:02.10

Server Status: ssOK Process Status: psOK

| Case Number      | Change Description   | Category | Country | Example Address  |
|------------------|--|----------|---------|--|
| CAS-68244-P9D9W4 | Improvement of processing speed for address containing "~" in the input address. | API      | JPN     | Address1: 1CHOUME2BAN<br>Address2: RUSUKUU~EAA2102<br>Locality: TAKATSUKISHIAKUTAGAWACHOU<br>PostalCode: 5691123<br>Country: JPN |

### Before Image

Loqate Demonstration UI v2.42.1.16021-4d37ba4 DEBUG

Input Data: Organization, Address2, Address1 (1CHOUME2BAN, RUSUKUU~EAA2102), Locality (TAKATSUKISHIAKUTAGAWACHOU), AdministrativeArea, PostalCode (5691123), Country (JPN).

Output: Address Quality Index (0), Address Verification Code, Organization, SubBuilding, Premise, Building, PostBox, DependentThoroughfare, Thoroughfare, DoubleDependentLocality, DependentLocality, Locality, SubAdministrativeArea, AdministrativeArea, SuperAdministrativeArea, PostalCode, Country, ISO2, ISO3, Unmatched, Processed Time.

Buttons: Clear Options, Clear Input, Clear Output, **Process**, Shortcuts, View All, To Clipboard.

Server Status: ssOK, Process Status: psOK

**2022Q1.1:** This is running more than 30 minutes that it is unable to complete the verification process

### After Image

Loqate Demonstration UI v2.43.0.16109-4c1232d DEBUG

Input Data: Organization, Address2, Address1 (1CHOUME2BAN, RUSUKUU~EAA2102), Locality (TAKATSUKISHIAKUTAGAWACHOU), AdministrativeArea, PostalCode (5691123), Country (JPN).

Output: Address Quality Index (1), Address Verification Code (P22-144-P6-074), Organization (Empty), SubBuilding (Empty), Premise (2102, Identified no change), Building (1choume, Identified context), PostBox (Empty), DependentThoroughfare (Zban, Identified no change), Thoroughfare (Rusukuu~Eaa, Identified context), DoubleDependentLocality (Empty), DependentLocality (Empty), Locality (Takatsuki-Shi, Verified large change), SubAdministrativeArea (Empty), AdministrativeArea (Osaka, Added), SuperAdministrativeArea (Empty), PostalCode (569-1123, Verified alias change), Country (Japan), ISO2 (JP), ISO3 (JPN), Unmatched, Processed Time (00:00:00.51).

Buttons: Clear Options, Clear Input, Clear Output, **Process**, Shortcuts, View All, To Clipboard.

Server Status: ssOK, Process Status: psOK

**2022Q2.0:** The engine processes the address around 51ms to complete the verification

## 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](mailto:LoqateSupport@gbgplc.com).

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