

# Loqate, A GBG Solution

## Release Notes – Verify API

### 2023Q2.0 Major Release

#### Case Resolutions

Please visit <https://support.loqate.com/2023q2-0-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 2023Q2.0 release we have made an improvement to the API to improve the geocoding accuracy in certain circumstances for some countries.

The latest API version reference included in this release is [2.47.0.16871-6caae19](#)

Case Number	Change Description	Country
CAS-79253-P0Z5Q3	Geocode with mismatched AdministrativeArea would have lower priority in geocode matching process. This has now been improved in this release.	All

## Local API Improvements

Case Number	Change Description	Category	Country	Example Address
CAS-79253-POZ5Q3	Geocode with mismatched AdministrativeArea would have lower priority.	API	All	Address1: PO Box 430, Locality: Indian Hills, AdministrativeArea: CO, PostalCode: 80454-0430, Country: US  Address1: PO Box 4, Locality: Pine, AdministrativeArea: CO, PostalCode: 80470, Country: US

### Before Image

Loqate Demonstration UI v2.46.1.16714-3cb4983 DEBUG

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data  
 Address3: [ ]  
 Address2: [ ]  
 Address1: PO Box 430  
 Locality: Indian Hills  
 AdministrativeArea: CO  
 PostalCode: 80454-0430  
 Country: US

Output  
 Address Quality Index: A 1 Result Count: 1  
 Address Verification Code: V55-I55-P7-100  
 Organization: [ ] Empty  
 SubBuilding: [ ] Empty  
 Premise: [ ] Empty  
 Building: [ ] Empty  
 PostBox: PO Box 430 Verified no change  
 DependentThoroughfare: [ ] Empty  
 Thoroughfare: [ ] Empty  
 DoubleDependentLocality: [ ] Empty  
 DependentLocality: [ ] Empty  
 Locality: Indian Hills Verified no change  
 SubAdministrativeArea: Jefferson Added  
 AdministrativeArea: CO Verified no change  
 SuperAdministrativeArea: [ ] Empty  
 PostalCode: 80454-0430 Verified alias change  
 Country: United States  
 ISO2: US ISO3: USA  
 Unmatched: [ ]  
 Processed Time: 00:00:03.35

EnhancedCountryTool: [ ] Parse  Verify  
 CertifiedCountryList: [ ] Match  Search  
 DefaultCountry: [ ] Format  Geocode  Enhance

Clear Options Clear Input Clear Output Process

Output  
 Address: PO Box 430 Indian Hills CO 80454-0430  
 Latitude: 38.277607  
 Longitude: -105.664983  
 Accuracy: A2  
 Distance: 3305.0  
[Map This Location](#)

Server Status: ssOK Process Status: psOK

### After Image

Loqate Demonstration UI v2.46.0.16709-70db45d DEBUG

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data  
 Address3: [ ]  
 Address2: [ ]  
 Address1: PO Box 430  
 Locality: Indian Hills  
 AdministrativeArea: Colorado  
 PostalCode: 80454-0430  
 Country: US

Output  
 Address Quality Index: A 1 Result Count: 1  
 Address Verification Code: V55-I55-P7-100  
 Organization: [ ] Empty  
 SubBuilding: [ ] Empty  
 Premise: [ ] Empty  
 Building: [ ] Empty  
 PostBox: PO Box 430 Verified no change  
 DependentThoroughfare: [ ] Empty  
 Thoroughfare: [ ] Empty  
 DoubleDependentLocality: [ ] Empty  
 DependentLocality: [ ] Empty  
 Locality: Indian Hills Verified no change  
 SubAdministrativeArea: Jefferson Added  
 AdministrativeArea: CO Verified alias change  
 SuperAdministrativeArea: [ ] Empty  
 PostalCode: 80454-0430 Verified alias change  
 Country: United States  
 ISO2: US ISO3: USA  
 Unmatched: [ ]  
 Processed Time: 00:00:02.15

EnhancedCountryTool: [ ] Parse  Verify  
 CertifiedCountryList: [ ] Match  Search  
 DefaultCountry: [ ] Format  Geocode  Enhance

Clear Options Clear Input Clear Output Process

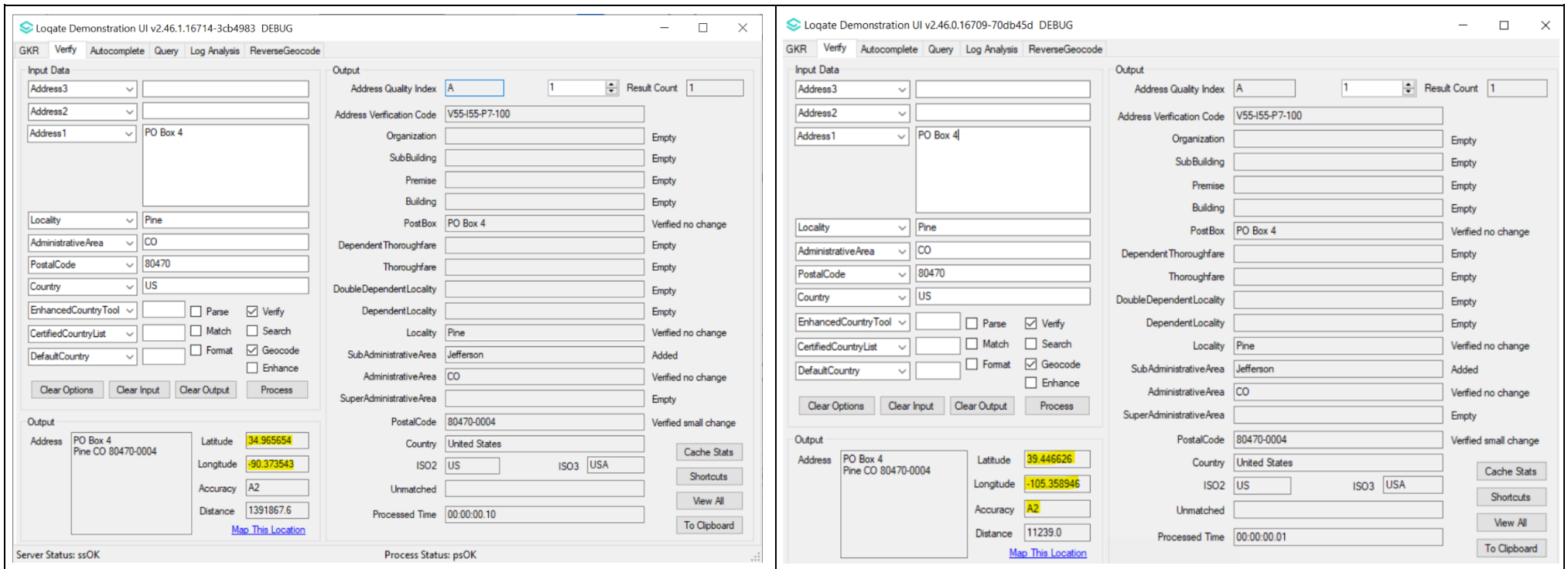
Output  
 Address: PO Box 430 Indian Hills CO 80454-0430  
 Latitude: 39.629526  
 Longitude: -105.260044  
 Accuracy: A2  
 Distance: 4428.3  
[Map This Location](#)

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

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