

# Loqate, A GBG Solution

## Release Notes – Verify API

### 2021Q4.0\_Major Release

## Case Resolutions

Please visit <https://support.loqate.com/release-information/2021q4-0-resolved-cases/> for a list of 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

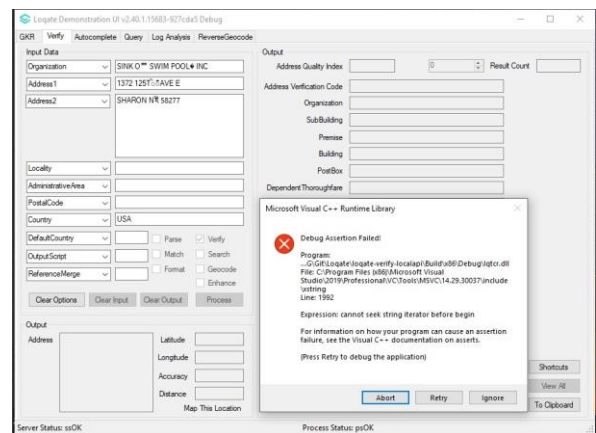
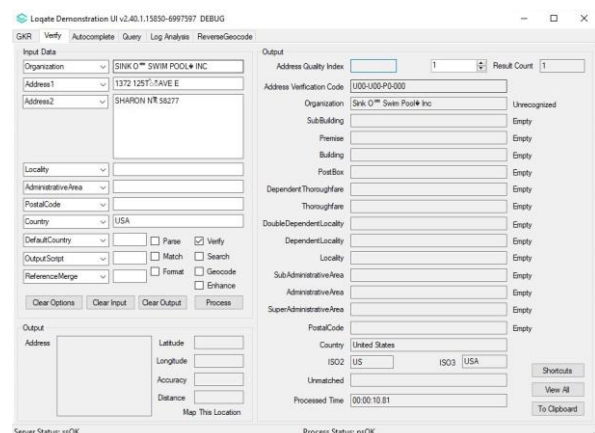
### Advance notice on release 2021Q4.1 due to release on 1st December 2021

This is to inform our customers that the 2021Q4.1 release will include some performance improvements over the current releases. We wanted to provide advance notice so you can plan your upgrades effectively.

## Local API Improvements

### Verify Improvements

Users may have received an error message when using unexpected Unicode input addresses for input characters within the Windows64 platform only; this is now resolved in the 2021Q4.0 major release. In place of receiving an error message, the engine will return an AVC result of U00 for corrupted Unicode input addresses.

2021Q3.1 (Before Change)	2021Q4.0 (After Change)
	
<p><b>2021Q3.1:</b> Crash occurs with truncated or corrupted Unicode input</p>	<p><b>2021Q4.0:</b> The engine returns AVC with U00 for corrupted Unicode input</p>

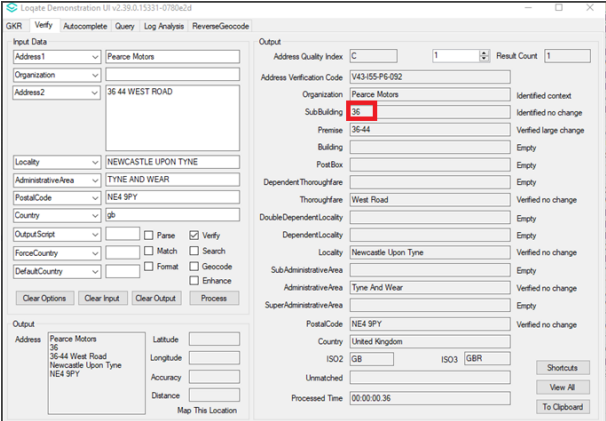
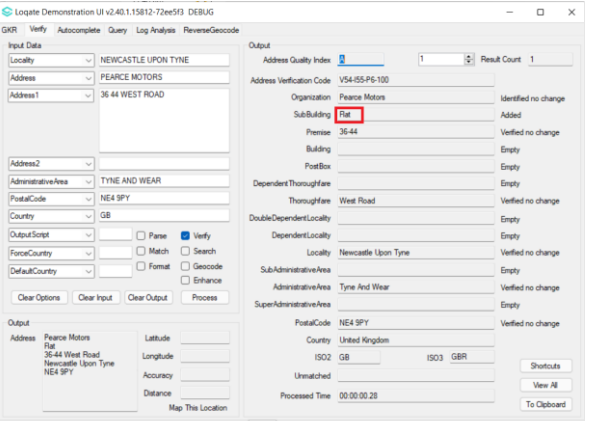
GBG Loqate, 805 Veterans Blvd Ste 305, Redwood City CA 94063-1737, USA  
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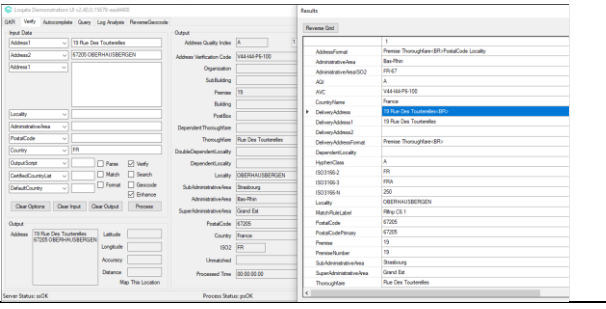
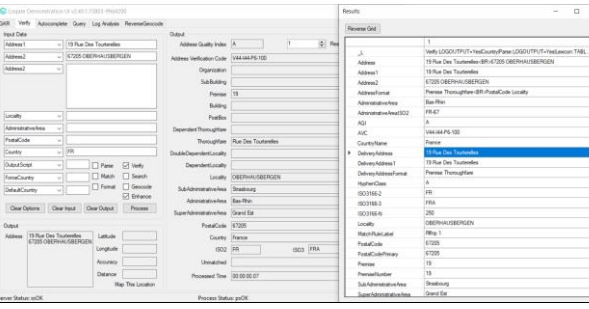


# Verify Improvements

Previously users may have seen use cases where the premise number are being duplicated within the Sub-Building field, this issue is now resolved in the 2021Q4.0 major release.

2021Q3.1 (Before Change)	2021Q4.0 (After Change)
	
<p>2021Q3.1: Premise number is replicated in SubBuilding</p>	<p>2021Q4.0: SubBuilding is distinctive and it does not replicate the premise number</p>

The Pipe character is removed from the DeliveryAddress field in the 2021Q4.0 major release.

2021Q3.1 (Before Change)	2021Q4.0 (After Change)
	

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# Verify: Transliteration

When using the server option: OutputScript=Latn users may have experienced unexpected transliteration results within the building field for the following character scripts: Hang – Hangeul (South Korea) and Chinese characters (Hans). This issue is now resolved in the 2021Q4.0 major release.

**IMPORTANT NOTE:** Users will need to update both 2021Q4.0 API and 2021Q4.0 Data in order to allow all reported issues to produce the expected results.

## 2021Q3.1 (Before Change)

Input Data: Address1: 부산광역시 중구 대양빌딩 511호 (부산동17)

Output: Address: 대양빌딩 511호 2, 18-3/2 대양빌딩 511호, Jung-Gu, Busan 48967

Building: 대양빌딩 511호

## 2021Q4.0 (After Change)

Input Data: Address1: 부산광역시 중구 대양빌딩 511호 (부산동17)

Output: Address: DaeYangBilDing 511ho 2, 18-3/2 DaeYangBilDing 511ho, Jung-Gu, Busan 48967

Building: DaeYangBilDing 511ho

2021Q3.1: Output - Building contains native Korean characters (Hang) that is not transliterated to Latin characters (Latn) when OutputScript=Latn

2021Q4.1: All output especially Building is transliterated to Latin characters (Latn) when OutputScript=Latn

## 2021Q3.1 (Before Change)

Input Data: Address1: 北京市朝阳区安定门内大街朝园胡同1409室

Output: Address: 1409 室 C 座, 46 HAO Andingmennefangjia Hutong, Dongchenggu Beijing 100007

Building: 1409室

## 2021Q4.0 (After Change)

Input Data: Address1: 北京市朝阳区安定门内大街朝园胡同1409室

Output: Address: 1409 Shi C Seat, 46 HAO Andingmennefangjia, Dongchenggu Beijing 100007

Building: 1409 Shi

2021Q3.1: Output - Building contains native Chinese characters (Hans) that is not transliterated to Latin characters (Latn) when OutputScript=Latn

2021Q4.1: All output especially Building is transliterated to Latin characters (Latn) when OutputScript=Latn

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## Installation Instructions

Please remember to update both the program files and the reference data. 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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