**Loqate, A GBG Solution**

**Release Notes – Verify API**

2023Q2.1 Minor Release

Case Resolutions

Please visit <https://support.loqate.com/2023q2-1-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 2023Q2.1 release there is a new API version - 2023Q2.1 branch 2.47.1.16878-fa4f7bc that contains the following case fixes below.

|  |  |  |
| --- | --- | --- |
| **Case Number** | **Change Description** | **Country** |
| CAS-84286-C5H1F3 | Improve matching logic for multi-tokens address fields. | All |
| ASCEND-4155 | ReferenceImport Issue - brackets not handled | KR |
| CAS-97545-C6J2B8 | Issue with subbuilding field being used for unrecognized address info. Improve CASS2 AVC generation | USA (CASS2) |
| ASCEND-1763 | CASS2 Cycle-O certification update from Cycle-N | USA (CASS2) |

Local API Improvements

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| **Case Number** | **Change Description** | **Category** | **Country** | **Example Address** |
| CAS-84286-C5H1F3 | Improve matching logic of multi-tokens address fields. | API | All | Address1: "245 Private Road 7103", Locality: "Buna"  AdministrativeArea: "TX", PostalCode: "77612", country: "US" |
| **Before Image** | | | **After Image** | |
| A screenshot of a computer  Description automatically generated | | | A screenshot of a computer  Description automatically generated | |

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| **Case Number** | **Change Description** | **Category** | **Country** | **Example Address** |
| ASCEND-4155 | ReferenceImport Issue - brackets not handled | API | KR | Address1: "Hanil Group Building 191"  Address2: "Hangangro 2ga Yongsan gu"  PostalCode: "140-702"  Country: "KR" |
| **Before Image** | | | **After Image** | |
| A screenshot of a computer  Description automatically generated | | | A screenshot of a computer  Description automatically generated | |

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| --- | --- | --- | --- | --- |
| **Case Number** | **Change Description** | **Category** | **Country** | **Example Address** |
| CAS-97545-C6J2B8 | Improve CASS2 AVC generation | CASS2 (API) | USA | Address1: 395 shelds dr  Address2: other stuff  Locality: Bennington  AdministrativeArea: VT  PostalCode: 05201 |
| **Before Image** | | **After Image** | | |
| A screenshot of a computer  Description automatically generated | | A screenshot of a computer  Description automatically generated | | |

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| --- | --- | --- | --- | --- |
| **Case Number** | **Change Description** | **Category** | **Country** | **Example Address** |
| ASCEND-1763 | CASS2 Cycle-O certification. | CASS2 (API) | USA | Address1: 395 shelds dr  Address2: other stuff  Locality: Bennington  AdministrativeArea: VT  PostalCode: 05201 |
| **Before** | | **After** | | |
| **\_L** | Verify:LOGOUTPUT=Yes|Country|CASS2 | **\_L** | Verify:LOGOUTPUT=Yes|Country|CASS2 | |
| **Address** | 395 SHIELDS DR<BR>OTHER STUFF<BR>BENNINGTON VT 05201-9810 | **Address** | 395 SHIELDS DR<BR>OTHER STUFF<BR>BENNINGTON VT 05201-9810 | |
| **Address1** | 395 SHIELDS DR | **Address1** | 395 SHIELDS DR | |
| **Address2** | OTHER STUFF | **Address2** | OTHER STUFF | |
| **Address3** | BENNINGTON VT 05201-9810 | **Address3** | BENNINGTON VT 05201-9810 | |
| **AddressFormat** | DeliveryAddress<BR>Locality AdministrativeArea PostalCode | **AddressFormat** | DeliveryAddress<BR>Locality AdministrativeArea PostalCode | |
| **AdministrativeArea** | VT | **AdministrativeArea** | VT | |
| **AQI** | B | **AQI** | B | |
| **AVC** | V52-I55-P7-098 | **AVC** | V42-I44-P7-097 | |
| **CarrierRoute** | R002 | **CarrierRoute** | R002 | |
| **CheckDigit** | 0 | **CheckDigit** | 0 | |
| **CMRAIndicator** | N | **CMRAIndicator** | N | |
| **CongressionalDistrict** | 01 | **CongressionalDistrict** | 01 | |
| **CountryName** | UNITED STATES | **CountryName** | UNITED STATES | |
| **DefaultFlag** |  | **DefaultFlag** |  | |
| **DeliveryAddress** | 395 SHIELDS DR<BR>OTHER STUFF | **DeliveryAddress** | 395 SHIELDS DR<BR>OTHER STUFF | |
| **DeliveryAddress1** | 395 SHIELDS DR | **DeliveryAddress1** | 395 SHIELDS DR | |
| **DeliveryAddress2** | OTHER STUFF | **DeliveryAddress2** | OTHER STUFF | |
| **DeliveryPointBarCode** | 950 | **DeliveryPointBarCode** | 950 | |
| **DependentLocality** |  | **DependentLocality** |  | |
| **DPVConfirmedIndicator** | Y | **DNA** | N | |
| **DPVFootnotes** | AABB | **DPVConfirmedIndicator** | Y | |
| **DPVLACSIndicator** |  | **DPVFootnotes** | AABB | |
| **eLOTCode** | A | **DPVLACSIndicator** |  | |
| **eLOTNumber** | 0012 | **DropSiteIndicator** | N | |
| **EWSFlag** |  | **eLOTCode** | A | |
| **FalsePositiveIndicator** |  | **eLOTNumber** | 0012 | |
| **FIPSCountyCode** | 50003 | **EnhancedReturnCode** | Y | |
| **ISO3166-2** | US | **EWSFlag** |  | |
| **ISO3166-3** | USA | **FalsePositiveIndicator** |  | |
| **ISO3166-N** | 840 | **FIPSCountyCode** | 50003 | |
| **LACSLinkCode** |  | **ISO3166-2** | US | |
| **LACSLinkIndicator** |  | **ISO3166-3** | USA | |
| **LACSStatus** |  | **ISO3166-N** | 840 | |
| **Locality** | BENNINGTON | **LACSLinkCode** |  | |
| **NoStatIndicator** | Y | **LACSLinkIndicator** |  | |
| **Organization** |  | **LACSStatus** |  | |
| **ParsedGarbage** |  | **Locality** | BENNINGTON | |
| **PMBNumber** |  | **NDDFlag** | N | |
| **PMBType** |  | **NoStatIndicator** | Y | |
| **PostalCode** | 05201-9810 | **NoStatReason** | 02 | |
| **PostalCodePrimary** | 05201 | **NSL** | N | |
| **PostalCodeSecondary** | 9810 | **Organization** |  | |
| **Premise** | 395 | **ParsedGarbage** |  | |
| **PremiseNumber** | 395 | **PBSAIndicator** | N | |
| **PrimaryAddressLine** | 395 SHIELDS DR | **PMBNumber** |  | |
| **PrivateMailbox** |  | **PMBType** |  | |
| **RecordType** | S | **POBoxOnly** | N | |
| **ResidentialDelivery** | N | **PostalCode** | 05201-9810 | |
| **ResultsString** | AC10,AS01,AS17 | **PostalCodePrimary** | 05201 | |
| **ReturnCode** | 31 | **PostalCodeSecondary** | 9810 | |
| **SecondaryAddressLine** | OTHER STUFF | **Premise** | 395 | |
| **SubAdministrativeArea** | BENNINGTON | **PremiseNumber** | 395 | |
| **SubBuilding** | OTHER STUFF | **PrimaryAddressLine** | 395 SHIELDS DR | |
| **SubBuildingLeadingType** |  | **PrivateMailbox** |  | |
| **SubBuildingNumber** |  | **RecordType** | S | |
| **SUITELinkFootnote** |  | **ResidentialDelivery** | N | |
| **Thoroughfare** | SHIELDS DR | **ResultsString** | AC10,AS01,AS17 | |
| **ThoroughfareName** | SHIELDS | **ReturnCode** | 31 | |
| **ThoroughfarePostDirection** |  | **SecondaryAddressLine** | OTHER STUFF | |
| **ThoroughfarePreDirection** |  | **SubAdministrativeArea** | BENNINGTON | |
| **ThoroughfareTrailingType** | DR | **SubBuilding** |  | |
| **VacantIndicator** | N | **SubBuildingLeadingType** |  | |
|  |  | **SubBuildingNumber** |  | |
|  |  | **SUITELinkFootnote** |  | |
|  |  | **Thoroughfare** | SHIELDS DR | |
|  |  | **ThoroughfareName** | SHIELDS | |
|  |  | **ThoroughfarePostDirection** |  | |
|  |  | **ThoroughfarePreDirection** |  | |
|  |  | **ThoroughfareTrailingType** | DR | |
|  |  | **ThrowBackIndicator** | Y | |
|  |  | **VacantIndicator** | N | |
|  |  | **Zip5Valid** | Y | |

Installation Instructions

With this release the install manager program has been updated to work with the **1.8 version of Java** support.

Details of this update are below. Please remember to update both the program files and the reference data and **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.

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| **Case Number** | **Change Description** | **Category** |
| [CAS-76283](https://jira.gbgplc.com/secure/Dashboard.jspa/CAS-76283)-B5W4W5 &  [CAS-90636](https://jira.gbgplc.com/secure/Dashboard.jspa/CAS-90636)-L6W9D8 | Upgraded Install Manager's dependency libraries due to CVEs.   |  |  |  | | --- | --- | --- | | **Jar Name with Java 1.7** | **CVEs with Java 1.7** | **Jar Name with Java 1.8 (Upgraded version)** | | jre/lib/jfr.jar | CVE-2013-2380 /CVE-2011-3545 / CVE-2009-1006 CVE-2013-5782 / CVE-2013-5830 / CVE-2011-3551 CVE-2013-5802 / CVE-2011-3556 /CVE-2011-3557 CVE-2013-5804 /CVE-2013-5823 / CVE-2013-5825 CVE-2013-5780 / CVE-2011-3553 / CVE-2013-5797 CVE-2013-5803 | jre/lib/jfr.jar | | jersey-core-1.8.jar | CVE-2014-3643 | jersey-core-1.13.jar | | Install Manager |

If you need any assistance with the upgrade of the Local API or the data update process, please contact [GBG Loqate Support](mailto:LoqateSupport@gbgplc.com).

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).