Loqate, A GBG Solution

Release Notes – Reference Data & Knowledge Base

2022Q4.0 Major Release

Case Resolutions

Please visit <u>https://support.loqate.com/2022q4-0-resolved-cases/</u> for a list of cases resolved in this release. If you would like more details on any of the solved cases listed, please contact <u>LoqateSupport@gbgplc.com</u> for further information.

Certification Expiration Dates

If you have purchased a certification product, please be aware that the datasets have expiration dates set by the respective postal authorities. Please ensure that you have the latest library and data installed to avoid loss of service through these products.

	Loqate Release Date	Certification Expiry Date*
AMAS Data	2022-08-18	2022-12-31
CASS Data	2022-10-10	2023-01-28
CASS (2) Data	2022-10-07	2022-12-31
SERP	2022-10-10	2022-11-17

Please check Install Manager for the latest versions of our certification data

For more information on expiry date checking for CASS and AMAS, please refer "Usage expiration" section in <u>https://support.loqate.com/documentation/local-apis/cass-overview-2/</u> and <u>https://support.loqate.com/address-matching-approval-system-amas/</u>



Data Structure Changes

The below is a summary of the Countries where we have updated the reference data / structure.

Country Rebuild / Refresh

Country Refreshes	Description
Netherlands Antilles	The dismantling of Netherlands Antilles
Argentina	Improvement in address verification
Colombia	Improvement in thoroughfare verification
France	AdministrativeArea name changed: Reúnion corrected to Réunion
	Removal of whole SuperAdministrativeArea field level (abolished districts)
Luxembourg	from reference data.
Poland	Improvement of address verification
Saudi Arabia	Improvement of address verification
Turkey	Improvement in address verification
Vietnam	Postal codes switched from 6-digits back to 5-digits system. Improvement in parsing of Thoroughfare and SubBuilding.

Details of Refreshes/rebuilds

Netherlands Antilles

Netherlands Antilles was dismantled, and it will no longer be supported by Loqate from this release. Referencing site: <u>http://www.dutchcaribbeanlegalportal.com/news/publications/84-editorials/spigthoff/1198-the-dismantling-of-the-netherlands-antilles</u>



Argentina

2022Q3.			2022Q4.0	
Address is wrongly verified up to Locality level.		Address is correctly verified up to Pre	mise level.	
S Logate Demonstration Ul v2.44.1.16421-d320dca	- 🗆 X	School Logate Demonstration UI v2.44.1.16421-d320dca		- 🗆 ×
GKR Verify Autocomplete Query Log Analysis ReverseGeocode		GKR Verify Autocomplete Query Log Analysis ReverseGeocod	0	
Input Data Output		Input Data	Output	
ID V Address Quality In	I Result Count 1	ID ~	Address Quality Index A	ult Count 1
Organization V Address Verification Ci	e P22-122-P6-078	Organization ~	Address Verification Code V44-I44-P3-100	
Address V Buenos Aires 1416 Organizat	n Empty	Address V Buenos Aires 1416	Organization	Empty
SubBuild	g Empty		SubBuilding	Empty
Pren	e Empty		Premise 1416	Verified no change
Build	g Empty		Building	Empty
Locality V Santa Fe Post	x Empty	Locality ~ Santa Fe	PostBox	Empty
Administrative Area V SANTO TOME Dependent Thorough	e Empty	AdministrativeArea V SANTO TOME	DependentThoroughfare	Empty
PostalCode V 0 Thorough	e Empty	PostalCode ~ 0	Thoroughfare Buenos Aires	Verified no change
Country V Argentina DoubleDependentLoca	by Empty	Country ~ Argentina	DoubleDependentLocality	Empty
OutputScript Verify DependentLoc	Empty	OutputScript Verify	DependentLocality	Empty
ForceCountry V Match Search Loca	Ciudad Autónoma Buenos Aires Verfied alias change	ForceCountry V Match Search	Locality Santo Tomé	Verified no change
DefaultCountry	a La Capital Identified alias	DefaultCountry V Geocode	SubAdministrativeArea La Capital	Added
Enhance AdministrativeA	a Ciudad Autónoma De Buenos Aires Verified large change		AdministrativeArea Santa Fe	Verified no change
Clear Options Clear Input Clear Output Process SuperAdministrativeA	a Empty	Clear Options Clear Input Clear Output Process	SuperAdministrativeArea	Empty
Output PostalCo	le 1416 Verified no change	Output	PostalCode 3016	Added
Address 1416 Ciudad Autónoma Buen Latitude -34.608155 Cou	y Argentina Cache Stats	Address Buenos Aires 1416 Latitude -31.659209 3016 Santo Tomé	Country Argentina	Cache Stats
Longitude -58.467328 IS	2 AR ISO3 ARG	Longitude -60.767957	ISO2 AR ISO3 ARG	Shortcuts
Accuracy A2 Unmatch		Accuracy 14	Unmatched 0	
Distance 4221.9 Processed T	view All	Distance 5.0	Processed Time 00:00:00.11	View All
Map This Location	To Clipboard	Map This Location		To Clipboard
Server Status: ssOK Process	atus: psOK	.:: Server Status: ssOK	Process Status: psOK	.:



Colombia

Improvement in thoroughfare verification.

2022Q3.1			2022Q4.0				
Input '#' sign was stripped off from	n verified Thoroughfare.		Input '#' sign no lo	onger stripped off	from verified ⁻	Thoroughfare.	
Coqate Demonstration UI v2.43.0.16109-4c1232d OKR Verdy Autocomplete Owery Log Analysis RevenseGeocod	•	- 0 ×	S Logate Demonstration UI v2.4 GKR Verfy Adocomplete Qui	43.0.16109-4c1232d ety: Log Analysis: RevenseGeocode			×
ID ID ID ID Organization ID Address ID Address ID Address ID Counce 4 SANTIAGO DE CAU 760000 Locality ID AdministrativeArea ID Country ID Country ID Country ID Country ID DefaultSortit ID Country ID DefaultCountry ID DefaultCountry ID Cale 44 Bis 5A 11 Lastude Command SantTAGO DE CAU 700003 VALLE DEL CAUCA Datauce Datauce Instruct Datauce ID	Dutpol Address Quality Index Address Verification Code Organization SubBuilding Premise Building Premise Building Premise Building Premise Building Premise Dependent Thoroughtare Dependent Thoroughtare DoubleDependent Locality Dependent Code Sub-Administrative/rea Sub-Administrative/rea Sub-Administrative/rea PretaiCode PretaiCode PretaiCode PretaiCode Super Administrative/rea PretaiCode PretaiCode PretaiCode Double Dependent Locality Comma 4 Locality Sub-Administrative/rea PretaiCode PretaiCode PretaiCode Double Dependent Locality Colourbia Country Colourbia Country Colourbia Country Colourbia	Result Court 1	Comu	TAGO DE CAU 760003	DoubleDependentLocality DependentLocality Locality SubAdministrativeArea AdministrativeArea SuperAdministrativeArea PostalCode	V44-444.P6-100	eruit Coure 1 Empty Empty Verified no change Empty Verified alas change Empty Verified alas change Empty Verified no change Added Added Empty Verified no change Added Suptouts Verified no change
Map This Location Server Status: ssOK	Process Status: psCK	To Opboard	Server Status: ssOK	Datance Map This Location	Processed Time Process Statu	Tourous and	To Opboard



France

AdministrativeArea name correction

2022Q3.1			2022Q4.0			
Réunion was accented incorrectly as	Reúnion		Réunion is now corrected			
S Logate Demonstration UI v2.43.1.16124-20c8f7e		- 🗆 ×	S Logate Demonstration UI v2.43.1.16124-20c8f7e		- 🗆 X	
GKR Verify Autocomplete Query Log Analysis ReverseGeocode			GKR Verify Autocomplete Query Log Analysis ReverseGeocode			
Input Data	Output		Input Data	Output		
	Address Quality Index A 1	ult Count 1		Address Quality Index A 1	ult Count 1	
Address2 v	Address Verification Code V44-144-P6-100]	Address2 v	Address Verification Code V44-I44-P6-100]	
Address1 582 Chem. Dubuisson, Saint-Leu 97436, Reunion	Organization	Empty	Address1 582 Chem. Dubuisson, Saint-Leu 97436, Reunion	Organization	Empty	
	SubBuilding	Empty	Reunion	SubBuilding	Empty	
	Premise 582	Verified no change		Premise 582	Verified no change	
	Building	Empty		Building	Empty	
Locality ~	PostBox	Empty	Locality ~	PostBox	Empty	
AdministrativeArea 🗸	DependentThoroughfare	Empty	Administrative Area V	Dependent Thoroughfare	Empty	
PostalCode ~	Thoroughfare Chemin Dubuisson	Verified alias change	PostalCode V	Thoroughfare Chemin Dubuisson	Verified alias change	
Country ~ FR	DoubleDependentLocality	Empty	Country V FR	DoubleDependentLocality	Empty	
OutputScript V Parse Verify	DependentLocality	Empty	OutputScript Verify	DependentLocality		
ForceCountry V Match Search	Locality SAINT-LEU	Verified no change			Empty	
DefaultCountry	SubAdministrativeArea	Empty		Locality SAINT-LEU	Verified no change	
Enhance	Administrative Area Reúnion	Verified no change	DefaultCountry V Pormat Geocode	SubAdministrativeArea	Empty	
Clear Options Clear Input Clear Output Process	SuperAdministrativeArea	Empty	Clear Options Clear Input Clear Output Process	Administrative Area Réunion	Verified no change	
Output	PostalCode 97436			SuperAdministrativeArea	Empty	
Address 582 Chemin Dubuisson Latitude		Verified no change	Output	PostalCode 97436	Verified no change	
97436 SAINT-LEU	Country France]	Address 582 Chemin Dubuisson Latitude 97436 SAINT-LEU	Country France]	
Longitude	ISO2 FR ISO3 FRA	Shortcuts	Longitude	ISO2 FR ISO3 FRA		
Accuracy	Unmatched	View All	Accuracy	Unmatched	Shortcuts	
Distance	Processed Time 00:00:00.01	To Clipboard	Distance	Processed Time 00:00:00.01	View All	
Map This Location		To Cipboard	Map This Location	Frocessed Time UU:UU:UU.UT	To Clipboard	
Server Status: ssOK	Process Status: psOK		Server Status: ssOK	Process Status: psOK		



Luxembourg

Removal of whole SuperAdministrativeArea field level (abolished districts) from reference data.

	2022Q3.1			2022Q4.0	
SuperAdministrativeArea added in ou	itput.		SuperAdministrativeArea no longer ap		- 🗆 X
Logate Demonstration UI v2.42.0.16013-6062831		- 🗆 🗙	GKR Verify Autocomplete Query Log Analysis ReverseGeocode	•	
GKR Verify Autocomplete Query Log Analysis ReverseGeocode			Input Data	Output	
Input Data	Output		Address3 ~	Address Quality Index 🚺 1 🔹 Res	at Count 1
Address3 V	Address Quality Index 🖡 1 🖨 Res	uit Count 1	Address2 v	Address Verification Code V44-I44-P6-100	
Address2 v	Address Verification Code V44-I44-P6-100		Address1 V 2 AN DER HEENERICHT	Organization	Empty
Address1 V 2 AN DER HEENERICHT	Organization	Empty		SubBuilding	Empty
	SubBuilding	Empty		Premise 2	Verified no change
	Premise 2	Verified no change		Building	Empty
	Building	Empty	Locality V Herborn	PostBox	Empty
Localty ~ Herborn	PostBox	Empty	AdministrativeArea 🗸	Dependent Thoroughfare	Empty
Administrative Area v	Dependent Thoroughfare	Empty	PostalCode V	Thoroughfare An Der Heenericht	Verified no change
PostalCode V	Thoroughfare An Der Heenericht	Verified no change	Country V LU	DoubleDependentLocality	Empty
Country V LU	DoubleDependentLocality	Empty	Output Script Verify	DependentLocality	Empty
OutputScript Venfy	DependentLocality	Empty	ForceCountry	Locality Herborn	Verified no change
ForceCountry	Locality Herborn	Verified no change	DefaultCountry	SubAdministrativeArea Rosport-Mompach	Added
DefaultCountry V Format Geocode	SubAdministrativeArea Rosport-Mompach	Added	Enhance	AdministrativeArea Echtemach	Added
Clear Options Clear Input Clear Output Process	AdministrativeArea Echtemach	Added	Clear Options Clear Input Clear Output Process	SuperAdministrative Area	Empty
Gear options Gear input Gear Output Process	SuperAdministrativeArea Grevenmacher	Added	Output	PostalCode 6665	
Output	PostalCode 6665	Verified no change	Address 2 An Der Heenericht Lattude		Verified no change
Address 2 An Der Heenericht Latitude L-6665 Herborn	Country Luxembourg		L-6665 Herborn	Country Luxembourg	
Longitude	ISO2 LU ISO3 LUX	Charles	Longitude	ISO2 LU ISO3 LUX	Shortcuts
Accuracy	Unmatched	Shortcuts	Accuracy	Unmatched	View All
Distance	Processed Time 00:00:00.00	View All	Distance	Processed Time 00:00:00.00	
Map This Location		To Clipboard	Map This Location		To Clipboard
Server Status: ssOK	Process Status: psOK		Server Status: ssOK	Process Status: psOK	



Poland

	2022Q3.1	2022Q4.0			
Premise and thoroughfare were no	ot verified.	Premise and thoroughfare are now	v verified.		
S Loqate Demonstration UI v2.44.1.16421-d320dca	– 🗆 X	S Loqate Demonstration UI v2.44.1.16421-d320dca	– – ×		
GKR Verify Autocomplete Query Log Analysis ReverseGeocode		GKR Verify Autocomplete Query Log Analysis ReverseGeocode			
Input Data	Output	Input Data	Output		
Address1 ~	Address Quality Index C 1 🗢 Result Count 50	Address1 V	Address Quality Index 📃 1 🜩 Result Count 1		
Address2 v	Address Verification Code A22-124-P0-100	Address2 ~	Address Verification Code V42-I44-P3-094		
Address3 VLBOGUMINSKA4	Organization Empty	Address3 ~ ULBOGUMINSKA4	Organization Empty		
	SubBuilding Empty		SubBuilding Empty		
	Premise 4 Identified no change		Premise 4 Verified no change		
	Building Empty		Building		
Locality VODZISLAW SLĄSKI	PostBox Empty	Locality VODZISLAW SLĄSKI	PostBox Empty		
AdministrativeArea 🗸	Dependent Thoroughfare Empty	AdministrativeArea 🗸	Dependent Thoroughfare Empty		
PostalCode ~	Thoroughfare Ulboguminska Identified context	PostalCode ~	Thoroughfare Ulica Bogumińska Verfied small change		
Country V Poland	DoubleDependentLocality Empty	Country ~ Poland	DoubleDependentLocality Empty		
OutputScript Verify	DependentLocality Empty	OutputScript Verify	DependentLocality Empty		
ForceCountry	Locality WODZISŁAW ŚLĄSKI Verified no change	ForceCountry V Match Search	Locality WODZISŁAW ŚLĄSKI Verified alias change		
DefaultCountry	SubAdministrativeArea Wodzisławski Added	DefaultCountry V Format Geocode	SubAdministrativeArea Wodzisławski Added		
	AdministrativeArea Śląskie Added	Enhance	AdministrativeArea Śląskie Added		
Clear Options Clear Input Clear Output Process	SuperAdministrativeArea Empty	Clear Options Clear Input Clear Output Process	SuperAdministrativeArea Empty		
Output	PostalCode Empty	Output	PostalCode 44-300 Added		
Address Ulboguminska 4 Latitude WODZISŁAW ŚLĄSKI	Country Poland Cache Stats	Address Ulica Bogumińska 4 44-300 WODZISŁAW ŚLĄSI	Country Poland Cache Stats		
Longitude	ISO2 PL ISO3 POL Shortcuts	Longitude	ISO2 PL ISO3 POL Shortcuts		
Accuracy	Unmatched View All	Accuracy	Unmatched		
Distance	Processed Time 00:00:00.00	Distance	Processed Time 00:00:00.03		
Map This Location	To Clipboard	Map This Location	To Clipboard		
Server Status: ssOK	Process Status: psOK:	Server Status: ssOK	Process Status: psOK:		



Saudi Arabia

	2022Q3.1		2022Q4.0			
Thoroughfare and premise was not v	erified.	Thoroughfare and premise are now ve	erified.			
S Logate Demonstration UI v2.43.1.16124-20c8f7e	-		- 0 X			
GKR Verify Autocomplete Query Log Analysis RevenseGeocode Input Data ID ~	Output Address Quality Index C 1 Result Count Address Verification Code P22144-P0-100 Empty Organization Empty Empty SubBuilding Empty Empty Premise Ext 7 Identifie Building Empty Empty PostBox Empty Empty Dependent Thoroughfare Othman Ibn Afan Street Identifie DoubleDependentLocality Empty Empty DependentLocality Empty Empty	Organization Address1 Address1 Ext 7, Othman Ibn Afan Street, Riyadh Address1 Address1 Ext 7, Othman Ibn Afan Street, Riyadh AdministrativeArea AdministrativeArea PostalCode Country SA Output Script Parse Verify ForceCountry Match Search DefaultCountry Format Geccode Clear Options Clear Output Output Address Ext 7 Othman Ibn Afan Roar Latitude Address	Output Address Quality Index C 1 Image: Result Count 1 Address Verification Code V42/144-P3-091 Empty Empty Organization Empty Empty SubBuilding Empty Empty Premise Exit 7 Verified no change Building Empty Empty PostBox Empty Empty Dependent Thoroughfare Empty Empty DoubleDependentLocality Empty Empty DependentLocality Alvizha Added Locality Riyadh Verified no change SubAdministrativeArea Empty Added SuperAdministrativeArea Empty Added Country Saudi Arabia Added			
Accuracy Distance Map This Location Server Status: ssOK	Unmatched Processed Time 00:00:00.08	Shortcuts Biyadh 12472 Longitude View All Accuracy Distance To Clipboard Map This Location	ISO2 SA ISO3 SAU Shortcuts Unmatched Processed Time 00:00:00.08 To Clipboard			
Server Status, SSUK	Process status: psok	Server Status: ssOK	Process Status: psOK			



<u>Turkey</u>

2022	Q3.1			2022Q4.0	
Thoroughfare was not verified.			Thoroughfare is correctly parsed and	l verified as alias change.	
Score Demonstration UI v2.43.0.16109-4c1232d		– 🗆 ×	SLogate Demonstration UI v2.43.0.16109-4c1232d		– 🗆 ×
GKR Verify Autocomplete Query Log Analysis ReverseGeocode			GKR Verify Autocomplete Query Log Analysis ReverseGeocode		
Input Data Output			Input Data	Output	
ID V Address	ualty Index C 1 🖨 Re	sult Count 3		Address Quality Index 🔋 1 🔹 Resu	It Count 1
Organization V Address Vert	ation Code A22-I44-P3-100		Organization ~	Address Verification Code V33-I44-P3-100	
Address V DEMIRTAS ORGANIZE SANAYI BOLGESI MKARAER CAD NO:10	rganization	Empty	Address V DEMIRTAS ORGANIZE SANAYI BOLGESI MKARAER CAD NO:10	Organization	Empty
	SubBuilding	Empty	DODUCTION NOT ON TO	SubBuilding	Empty
	Premise 10	Identified no change		Premise 10	Identified no change
	Building	Empty		Building	Empty
Locality V BURSA MERKEZ	PostBox	Empty	Locality V BURSA MERKEZ	PostBox	Empty
AdministrativeArea V Dependent	oroughfare	Empty	AdministrativeArea V	Dependent Thoroughfare	Empty
PostalCode V	oroughfare Mkaraer Caddesi	Identified alias	PostalCode ~	Thoroughfare Mustafa Karaer Caddesi	Verified alias change
Country V Turkey DoubleDeper	entLocality	Empty	Country ~ Turkey	DoubleDependentLocality	Empty
OutputScript Venfy Depen	entLocality Demirtas Dumlupinarosb Mah.	Verified alias change	OutputScript V Parse V Verify	DependentLocality Demirtas Dumlupinarosb Mah.	Verified alias change
ForceCountry	Locality Demirtas	Added	ForceCountry V	Locality Demirtaş	Added
	trativeArea Osmangazi	Added	DefaultCountry V Eormat Geocode	SubAdministrativeArea Osmangazi	Added
	trativeArea Bursa	Verified alias change	Enhance	AdministrativeArea Bursa	Verified alias change
Clear Options Clear Input Clear Output Process SuperAdmin	trativeArea Marmara	Added	Clear Options Clear Input Clear Output Process	SuperAdministrativeArea Marmara	Added
Output	PostalCode 16110	Added	Output	PostalCode 16110	Added
Address Demirtas Dumiupinarosb Mah Lattude	Country Turkey		Address Demirtaş Dumlupınarosb Mah Latitude Mustafa Karaer Caddeşi No:1	Country Turkey	
16110 Demitas/Bursa Longtude	ISO2 TR ISO3 TUR	Cutute	16110 Demitaş/Bursa Longitude	ISO2 TR ISO3 TUR	
Accuracy	Inmatched	Shortcuts	Accuracy	Unmatched	Shortcuts
Distance Pro	essed Time 00:00:00.05	View All	Distance	Processed Time 00:00:00.03	Vie <u>w</u> All
Map This Location		To Clipboard	Map This Location		To Clipboard
Constant Challen an O.V.	Statum OV		Server Status: ssOK	Process Status: psOK	.:



Vietnam

Vietnam changed their postal code system from 5- to 6-digits in 2004 and then reverted back to a 5-digits system in 2018. In the latest refresh of Vietnam reference data, the postal code has been changed back to 5-digits postcodes. There are also an improvement in the parsing of Thoroughfares and SubBuildings in this release.

2022Q3.1							2022Q4.0		
"Postal code" was 6-digits format.			"P	ostal code" is	s 5-digit	ts format.			
Score Demonstration UI v2.44.1.16421-d320dca		×	\$	Loqate Demonstration	UI v2.44.1.1642	21-d320dca			– 🗆 🗙
GKR Verify Autocomplete Query Log Analysis ReverseGeocode			GKF	R Verify Autocomplete	te Query Lo	g Analysis ReverseGeocode	•		
Input Data			- In	nput Data			Output		
ID V Address Quality Index	B 1 Result Count 1]	1	ID ~			Address Quality Index	▲ 1 ÷ Re	sult Count 1
Organization V Address Verification Code	V32-I33-P3-100		C	Organization ~			Address Verification Code	V44-I44-P3-100	
Address 1 VI. 7, Road 19, Song Than II Industrial Zone, Di An Organization	Empty		A	Address1 ~	No. 7, Road 1 Song Than II	9, Industrial Zone, Di An	Organization		Empty
SubBuilding	Empty						SubBuilding		Empty
Premis	Empty						Premise	7	Verified no change
Building	Empty		_				Building		Empty
Locality V Binh Duong PostBo	Empty		Ŀ	Locality ~	Binh Duong		PostBox		Empty
AdministrativeArea V DependentThoroughfan	Khu Công Nghiệp Sóng Thần 1 Added		A	AdministrativeArea ~			Dependent Thoroughfare	Khu Công Nghiệp Song Than II	Identified alias
PostalCode V Thoroughfan	Đường Số 10 Added		P	PostalCode ~			Thoroughfare	Đường Số 19	Verified alias change
Country VNM DoubleDependentLocalit	Empty		C	Country ~	VNM		Double Dependent Locality		Empty
OutputScript V Parse V Verify DependentLocalit	Empty		C	OutputScript ~		Parse 🗹 Verify	DependentLocality		Empty
ForceCountry	Thị Trấn Dĩ An Verified alias change		F	ForceCountry ~		Match Search	Locality	Phường Dĩ An	Verified alias change
DefaultCountry V Eomat Geocode SubAdministrativeArea	Huyện Dĩ An Added		C	DefaultCountry ~		Format <u>G</u> eocode Enhance	Sub Administrative Area	Thành Phố Dĩ An	Added
Enhance AdministrativeAre.	Binh Duong Verified no change		r.	Clear Options Clear	las t	Output Process	AdministrativeArea	Binh Duong	Verified no change
Clear Options Clear Input Clear Output Process SuperAdministrativeArea	Đông Nam Bộ Added			Clear Options Clear	input Clear	Quiput	SuperAdministrativeArea	Đông Nam Bộ	Added
Output	824667 Added		0	Output			PostalCode	75306	Added
Address Đường Số 10 Khu Công Nghiệp Sóng Thần	Viet Nam	1	A	Address 7, Đường Số 19 Khu Công Nghiệp	in Song Than	Latitude	Country	Viet Nam	Cache Stats
	VN ISO3 VNM	1		Phường Dĩ An, T Binh Duong 7530	Thành Phố D 06	ongitude	ISO2	VN ISO3 VNM	Shortcuts
Accuracy Unmatche	Shortcuts				1	Accuracy	Unmatched		
Distance Processed Tim	Vie <u>w</u> All				1	Distance	Processed Time	00:00:00.02	Vie <u>w</u> All
Map This Location	To Clipboard					Map This Location			To Clipboard
Server Status: ssOK Process Sta	us: psOK	.::	Serv	ver Status: ssOK			Process Stat	us: psOK	



"Postal code" was empty.		"Postal code" is added with 5-digits format.
📚 Loqate Demonstration Ul v2.44.1.16421-d320dca	>	S Logate Demonstration UI v2.44.1.16421-d320dca
GKR Verify Autocomplete Query Log Analysis ReverseGeocode	•	GKR Verify Autocomplete Query Log Analysis ReverseGeocode
Input Data	Output	Input Data Output
ID ~	Address Quality Index 🗧 1 🜩 Result Count 1	ID V Address Quality Index
Organization V	Address Verification Code V44-I44-P0-092	Organization V Address Verification Code V44-144-P3-092
Address1 V 21 Le Hong Phong Street, Hai Chau District	Organization Empty	Address1 21 Le Hong Phong Street, Hai Chau Organization Empty
	SubBuilding Empty	SubBuilding Empty
	Premise 21 Verified no change	Premise 21 Verified no change
	Building Empty	Building Empty
Locality V DA NANG	PostBox Empty	Locality V DA NANG PostBox Empty
AdministrativeArea 🗸	Dependent Thoroughfare Empty	Administrative Area v Dependent Thoroughfare Empty
PostalCode ~	Thoroughfare Đường Lê Hồng Phong Verified alias change	PostalCode Verfied alias change Verfied alias change
Country VNM	DoubleDependentLocality Empty	Country VNM DoubleDependentLocality Empty
OutputScript Verify	Dependent Locality Empty	OutputScript V Parse V Verify DependentLocality Empty
ForceCountry	Locality Phuờng Phuộc Ninh Added	ForceCountry V Match Search Locality Phuðag Phuða Ninh Added
DefaultCountry	SubAdministrativeArea Quan Hai Chau Verified large change	DefaultCountry V Format Geocode SubAdministrativeArea Quan Hai Chau Verified large change
	Administrative Area Dà Nẵng Verified alias change	AdministrativeArea Dà Nẵng Verified alias change
Clear Options Clear Input Clear Qutput Process	SuperAdministrativeArea Nam Trung Bộ Added	Clear Options Clear Input Clear Output Process SuperAdministrativeArea Nam Trung Bộ Added
Output	PostalCode	Output PostalCode 50211 Added
Address 21, Đường Lê Hồng Phong Latitude Phường Phước Ninh, Quan H	Country Viet Nam	Address 21, Đường Lé Hồng Phong Latitude Country Viet Nam Cache Stats
Đà Nẵng Longitude	ISO2 VN ISO3 VNM	Dà Năng 50211 Longitude ISO2 VN ISO3 VNM
Accuracy	Unmatched	Accuracy Unmatched Shortcuts
Distance	Processed Time 00:00:00.02	Distance Processed Time 00:00:00.02
Map This Location	To Clipboard	Map This Location To Clipboard
Server Status: ssOK	Process Status: psOK	Server Status: ssOK Process Status: psOK



"Alley" was incorrectly parsed as SubBuilding.			"Alley" is correctly parsed as part of the	oroughfare.
S Loqate Demonstration UI v2.44.0.16383-1f51bc7		– 🗆 🗙	S Loqate Demonstration UI v2.44.0.16383-1f51bc7	– 🗆 X
GKR Verify Autocomplete Query Log Analysis ReverseGeocode			GKR Verify Autocomplete Query Log Analysis ReverseGeocode	
Input Data Output			Input Data	Output
ID V Addres	Quality Index A 1	sult Count 1	ID v	Address Quality Index D 1 🗢 Result Count 1
Organization V Address Ve	ification Code V44-I55-P0-100		Organization V	Address Verification Code V31-I44-P3-089
Address 1 V Bà Trưng Dist.	Organization	Empty	Address1 V 31 Alley 18, Nguyễn Đình Chiếu Str., Hai	Organization
ba hung bist.	SubBuilding 31 Alley	Identified no change	Bà Trưng Dist.	SubBuilding. Empty
	Premise 18	Verified no change		Premise 31 Identified no change
	Building	Empty		Building Empty
Locality V Ha Noi	PostBox	Empty	Locality V Ha Noi	PostBox Empty
SubAdministrativeArea 🗸 Huyện Cù Chi Depender	tThoroughfare	Empty	SubAdministrativeArea V Huyện Củ Chi	Dependent Thoroughfare Empty
PostalCode V	Thoroughfare Phố Nguyễn Đình Chiều	Verified alias change	PostalCode	Thoroughfare Ngõ 18 Phố Nguyễn Đình Chiếu Verified small change
Country Vietnam DoubleDep	endentLocality	Empty	Country Vietnam	
	endentLocality	Empty		
ForceCountry	Locality Phường Lê Đại Hành	Added	OutputScript Verify Parse Verify	DependentLocality
	inistrativeArea Quan Hai Ba Trung	Verified alias change	ForceCountry	Locality Phường Lê Đại Hành Added
			DefaultCountry V Enhance	SubAdministrativeArea Quan Hai Ba Trung Verified large change
Clear Ontions Clear Input Clear Output Process	inistrative Area Hà Nội	Verified alias change	Clear Options Clear Input Clear Output Process	AdministrativeArea Hà Nội Verified alias change
	inistrativeArea Dõng Bằng Sông Hồng	Added		SuperAdministrativeArea Đồng Bằng Sông Hồng Added
Output	PostalCode	Empty	Output	PostalCode 11606 Added
Address 31 Alley Latitude Latitude	Country Viet Nam	Cache Stats	Address 31, Ngõ 18 Phố Nguyễn Đình Latitude Phường Lê Đại Hành, Quan I	Country Viet Nam
Phường Lễ Đại Hành, Quan H Hà Nội	ISO2 VN ISO3 VNM	Shortcuts	Hà Nội 11606 Longitude	ISO2 VN ISO3 VNM
Accuracy	Unmatched	Vie <u>w</u> All	Accuracy	Unmatched
Distance	ocessed Time 00:00:00.05		Distance	Processed Time 00:00:00.08
Map This Location		To Clipboard	Map This Location	To Clipboard
Server Status: ssOK	Process Status: psOK		Server Status: ssOK	Process Status: psOK



"Room" was incorrectly parsed as pren	nise.			"Room" and "Flo	oor" are o	correctly parse	d as SubBuilding	5.	
S Logate Demonstration UI v2.44.0.16383-1f51bc7			:	😔 Loqate Demonstration	UI v2.44.0.16383	-1f51bc7			>
GKR Verify Autocomplete Query Log Analysis ReverseGeocode	e			GKR Verify Autocomplet	e Query Log	Analysis ReverseGeocod	•		
Input Data	Output			Input Data			Output		
ID v	Address Quality Index	E 1 Re	sult Count 16	ID ~			Address Quality Index	C 1 Re	sult Count 1
Organization ~	Address Verification Code	A31-I55-P0-079		Organization ~			Address Verification Code	V41-I55-P3-090]
Address1 V Rm. 704, 7th Flr., 58 Đông Khởi Str, Bến Nghế Wạrd	Organization		Empty	Address1 ~		., 58 Đồng Khởi Str, Bến	Organization		Empty
Ngile Wald	SubBuilding	58 FI 7	Identified alias		Nghé Ward		SubBuilding	Rm 704 FI 7	Identified alias
	Premise	Rm 704	Identified no change				Premise	58	Verified no change
	Building		Empty				Building		Empty
Locality V Ho Chi Minh	PostBox		Empty	Locality ~	Ho Chi Minh		PostBox		Empty
SubAdministrativeArea 🗸 Huyện Củ Chi	Dependent Thoroughfare		Empty	SubAdministrativeArea 🗸	Huyện Củ Chi		Dependent Thoroughfare		Empty
PostalCode v	Thoroughfare	Đường Đồng Khởi	Verified large change	PostalCode ~				Đường Đồng Khởi	Verified large change
Country Vietnam	DoubleDependentLocality		Empty	Country ~	Vietnam		DoubleDependentLocality		Empty
OutputScript Verify	DependentLocality		Empty	OutputScript ~		Parse 🗹 Verify	DependentLocality		Empty
ForceCountry	Locality	Phường Bến Nghé	Verified large change			Match <u>S</u> earch		Phường Bến Nghé	Verified small change
DefaultCountry	SubAdministrativeArea	Quân 1	Added			Format Geocode	SubAdministrativeArea		
	AdministrativeArea		Verified no change	DefaultCountry ~		<u>Enhance</u>			Added
Clear Options Clear Input Clear Output Process	SuperAdministrativeArea	Đông Nam Bộ	Added	Clear Options Clear	Input Clear O	utput Process	AdministrativeArea		Verified no change
Output	PostalCode		Empty				SuperAdministrativeArea		Added
Address 58 FL7	Country	Viet Nam		Output			PostalCode		Added
Rm 704, Đường Đồng Khởi Phường Bến Nghé, Quận 1 Longitude	ISO2		<u>C</u> ache Stats	Address Rm 704 Fl 7 58, Đường Đồng	Khởi	atitude	Country	Viet Nam	<u>C</u> ache Stats
Ho Chi Minh			S <u>h</u> ortcuts	Phường Bến Ngh Ho Chi Minh 710	né, Quận 1 Lo 06	ngitude	ISO2	VN ISO3 VNM	Shortcuts
Accuracy	Unmatched		Vie <u>w</u> All		Ac	curacy	Unmatched		
Distance Map This Location	Processed Time	00:00:00.05	To Clipboard		Di	stance	Processed Time	00:00:00.02	Vie <u>w</u> All
						Map This Location			To Clipboard
Server Status: ssOK	Process State	us: psOK		Server Status: ssOK			Process Statu	is: psOK	



Case Resolutions

2022Q4.0 Data related Case Fixes

Case Number	Change Description	I	Category	Coun	try	Exam	ple Address	;	
CAS-71917-B0V5R1	Improvement of the	proughfare parsing	Data	LU		Local Posta	ess1: 5 Z.A.R ity: Ehlerang al Code: 4384 try: Luxemb	ge 4	
	Before Ima	age					After Imag	e	
Locate Demonstration UI v2.42.0.16013-60 GKR Verify Autocomplete Query Log Anal Input Data Address3	yisis ReverseGeocode	V22425-P6-100 V22425-P6-100 V22425-P6-100	At Court I Frapty Identified no change Identified context Empty Identified context Id	GKR Verf Input Data Address3 Address1 Address1 Address1 Address1 Address1 Address1 Address1 Address2 A		Log Analysis ReverseGeoco	Output Address Quality Index Address Verification Code Organization SubBuilding Premise Building PostBox Dependent Thoroughfare Double Dependent Locality Dependent Locality Dependent Locality Locality SubAdministrative Area SuperAdministrative Area PostalCode	V44-144-P6-100	- C X
Server Status: ssOK	Process Statu	is: psOK	.::	Server Status	a ssOK	Map This Location	Process Stat	us: psOK	



Case Number	Change Description		Category	Coun	try	Example Add	dress			
CAS-41515-S6S4N8	Improvement of geolo Kunming City	ocation accuracy of	Data	CN		Address1: No Locality: Kun PostalCode: Country: CHI	ming-3463 650000	Lane Wuhua Distrio	:t	
	Before Image	2					After Imag	е		
Cloqate Demonstration UI v2.44.0.16383-1f51bc/ GR Verify Autocomplete Query Log Analysis Input Data Input Data ID Premise Address1 No.4, Yiyuan Lane W Address1 No.4, Yiyuan Lane W Locality Kurming-3463 AdministrativeArea Posta(Code Country Cherr PreferPrimaryValidAllas Parse Stric/ReferenceMatch Output Address 4/dress 4/dress 4/dress 4/dress 4/dress Clear Options Clear Output Address 4/dress Course Locality Clear Options Clear Options Clear Dupt Congli Clear Dupt Clear Options Clear Options	ReverseGeocode Output Address Quality Index Address Quality Index Address Verification Code P22 Uhua District Organization Uhua District SubBuilding Premise Building Premise Building DependentThoroughfare Thoroughfare DoubleDependentLocality Wull Search Locality Enhance AddrinistrativeArea Address Verification Code FO Bailding Premise DoubleDependentLocality Wull DestalCode SubAdministrativeArea PostalCode SubAdministrativeArea PostalCode Sto2 Q Unmatched Geocode Processed Time	inia inia inia inia inia inia inia inia	A C A	GKR Venity Input Data ID Premise Address1 Locality Administration Country PreferPrim StricRefer OutputScrit Clear O	V No 4, Yiy V No 4, Yiy the Area V Earning the V Earning the V Earning the V Earning enceMatch V Clear Input 4 Yiyuan Long Wuhuaqu Kunming 650000	ig Analysis ReverseGeocode	Address Verification Code Organization SubBuilding Premise Building PostBox DependentThoroughfare Thoroughfare DoubleDependentLocality DependentLocality Locality SubAdministrativeArea AdministrativeArea SuperAdministrativeArea PostalCode Country ISO2	P22:H4-P2-083 4 4 Wuhuaqu Wuhuaqu Kunming 9 CN ISO3 CHN 00:000:03	esult Count 1 Empty Empty Identified no cha Empty Empty Identified alias Empty Verified alias ch Verified alias ch Verified large ch Empty Added Empty Identified no cha Cache Short Verified No cha	change
Server Status: ssOK	Process Status: ps0	SOK	.::	Server Status	s: ssOK		Process Statu	s: psOK		



CAS-70059-P5L144 Output capitalised AdministrativeArea for 'SP' when OutputScript=Latn Data BR Address1: Avenida Aratās, 697 Locality: São Paulo Administrative Area: SP Postal Code: 04081-003 Country: Brazil Estere Image After Image Image Image After Image Image Image Image Image Ima	Case Number	Change Description		Category	Country	Example	e Address		
Copy Deproduction UI v24114621-63206c Copy Lag Addise Demonstration UV v24114621-63206c Copy Lag Addise Demonstration Code V4444476100 Copy Lag Addise Demonstration Code V444476100 Copy Lag Addise Demons	CAS-70059-P5L1K4			Data	BR	Locality: Adminis Postal C	São Paulo trative Area ode: 04081-	: SP	
DRR Mrdf Addressing Mode		Before Imag	e				After Image	е	
Distance 0.0 Processed Time 00:00:00.09 Distance 0.0 Processed Time 00:00:00.00 U	GKR Verify Autocomplete Query Log An Input Data ID Input Data ID ID ID ID ID Organization ID ID ID Address Avenida Aratās, 63 ILocality São Paulo Address SP PostalCode 04081-003 Country Brazil OutputScript Latn DefaultCountry For Clear Options Clear Input Clear Options Clear Input São Paulo Sp Morema São Paulo Vultol - 003 Latt Output Aratas, 697 Morema São Paulo - Sp Ud081-003 Long	Adysis ReverseGeocode Cutput C	V44-144-P6-100 687 687 Avenida Aratas Moema Sao Paulo Sap 90 90 90 90 91 92 93 94081-003 Brazil	t Count 1 Empty Empty Verfied no change Empty Empty Verfied no change Empty Added Verfied alias change Empty Verfied no change Empty Verfied no change Empty Verfied no change	GKR Verify Autocomplete Query I Input Data ID ID ID ID ID ID ID ID Address ID ID ID ID Address ID ID ID Address ID ID ID Address Verida Ara ID Intervention ID ID Address Verida Ara SP PostalCode ID ID OutputScript Latin ID ID ID ID OutputCasing ID ID ID ID ID Address Avenida Aratas, 697 Moema Sao Paulo Sao Paulo SP	Latude 46.660470	Output Address Quality Index Address Verification Code Organization SubBuilding Premise Building PostBax Dependent Thoroughfare DoubleDependentLocality DependentLocality Locality SubAdministrativeArea AdministrativeArea SuperAdministrativeArea Country ISO2	V44-144-P6-100 V44-144-P6-100	ut Count 1 Empty Empty Verfied no change Empty Empty Verfied no change Empty Added Verfied alias change Empty Verfied no change Empty Verfied no change Empty Verfied no change Empty Verfied no change Empty Verfied no change
Server Status: ssOK Process Status: psOK Server Status: ssOK Process Status: psOK		Map This Location		To Clipboard	Server Status: ssOK				To Clipboard



Case Number	Change Description		Category	Country	Example	Address		
CAS-68590-L9C6W6	Correction of the Loc verified.	cality being	Data	DE		1: Kampenw schau im Ch land		
	Before Image	e		After Image				
Loqate Demonstration UI v2.44.1.16421-d3 GKR Verify Autocomplete Query Logate Data ID Organization Address Kamperwandstr. 1 B3229 Address Country OutputCasing DefaultCountry Clear Options Clear Options Clear Options Clear Options Clear Options Clear Address Kamperwandstr. 1 B3229 Address Kamperwandstr. 1 Clear Options Clear Input Clear Options Clear Input Clear Data Distance Distance	sis ReverseGeocode	1 ◆ Result 0 /44-144-P6-100 E /44-144-P6-100 E ////////////////////////////////////	Count 1	Deutschland Locality AdministrativeArea PostalCode Country OutputCasing ForceCountry DefaultCountry Clegr Options Clear Input Clear Siz229 Aschau i. Chiemgau	g Analysis ReverseGeocoo	Output Address Quality Index Address Verification Code Organization Sub Building Premise Building PostBox Dependent Thoroughfare	V44-144-P6-099 1 Kampenwandstr. Kampenwandstr. Oberbayem Bayem Bayem Item Item	- C × ut Court 1 Empty Empty Verfied no change Empty Verfied no change Empty Verfied no change Empty Verfied small change Added Added Empty Verfied small change Added Empty Verfied no change Cache Stats Stgortcute Verg Al To Clipboard
Server Status: ssOK	Process Status:	psOK	.::	Server Status: ssOK		Process State	us: psOK	:



Case Number	Change Description		Category	Country	Example Addr	ess		
CAS-76701-N3H3F9	AdmininistrativeAre corrected to Réunio		Data	FR	Address1: 582 Reunion Country: FR	Chem. Dub	uisson, Saint-Leu 97	7436,
	Before Ima	age		After Image				
Cloqate Demonstration UI v2.43.1.16124-20 GKR Verfy Autocomplete Query Log Ana Irput Data ID Address2 Address2 Address1 S2 Chem. Dubules Reunion Locality Intervention Example a strain of the strain of	ysis ReverseGeocode	V44.144.P6-100 Empty Empty Empty 582 Verfied r Empty Empty Chemin Dubuisson Verfied r Empty Empty Chemin Dubuisson Verfied r Empty Empty SAINT-LEU Verfied r Pedrition Verfied r France Empty FR ISO3 FR ISO3 00:00:00.01 Total state	I I I I I I I I I I I I I I I I I I I	Input Data ID Address2 Address2 Address1 State Address1 ID Address2 Address1 State Address Country FR OutputScript FroeCountry FroeCountry Clear Options Clear Input Address State S	Leg Analysis ReverseGeocode	DoubleDependentLocality DependentLocality Locality SubAdministrativeArea AdministrativeArea SuperAdministrativeArea PostalCode Country ISO2 Unmatched Processed Time	V44-144-P6-100 V44-144-P6-100	At Count 1
Server Status: ssOK	Process Stat	us: psOK	.::	Server Status: ssOK		Process Statu	us: psOK	.:



CAS-76939-N7B7Z1 Improvement in Thoroughfare verification. Typo thoroughfare 'N Bulington' was identified, and it is now corrected and verified. Data US Address1: % Marlene Urban Address2: 81 North Bulington Road Locality: Bridgeton AdministrativeArea: NJ PostalCode: 08302 Country: United States Extension Before Image After Image Image:	Case Number	Change Description		Category	Country	Example Addre	ess	
Control Control Market Ma	CAS-76939-N7B7Z1	Typo thoroughfare ' identified, and it is r	N Bulington' was	Data	US	Address2: 81 N Locality: Bridge Administrative PostalCode: 08	Iorth Bulington Road eton Area: NJ 3302	
DRI: Mefrie: Usery Log Adapting Resensedbecode Vocd Image: Second		Before Ima	age			Aft	er Image	
Server Status: ssOK Process Status: psOK :: Server Status: ssOK Process Status: psOK ::	GKR Verfy Autocomplete Query Log Ani Input Data IID Address1 If Markene Address2 Ito T Ito Markene Address2 Ito T Ito T Address2 Ito T Ito T Input Data Ito T Ito T Address2 Ito T Ito T Input Data Ito T Ito T Address2 Ito T Ito T Administrative Area NJ Ito T PostalCode 08302 Ito T Country United States Ito T Output Script Ito T Ito T Index Country Inited States Ito T Output Script Ito T Ito T Inited States Ito T Ito T Inited States Ito T Ito T Output Script Ito T Ito T Inited States Ito T Ito T Output Address Ito T Ito T Inited States Ito T Ito T	Image: Sevense Geocode Output Address Quality Index Address Quality Index Rd Output Building Premise Building Premise Double Dependent Thoroughfare Double Dependent Locality Dependent Locality Dependent Locality Dependent Could Country Locality SuberAdministrativeArea SuberAdministrativeArea SuperAdministrativeArea Vude ISO2 acy Unmatched Map This Location Processed Time	Image: Constraint of the second se	1 d context d no change d aliae no change no change Shortcuts View Ali	GKR Verify Autocomplete Query Input Data ID	Log Analysis RevenseGeocode	Address Quality Index A 1	sult Count 1



Case Number	Change Description	ı	Category	Country	Exam	ple Address	;	
CAS-67540-C9W2N9	Correction of verific Thoroughfare Straß correct field status verified with no cha	Se 142 gives the returned now -	Data	DE	Locali Posta	ess1: Straße ity: Berlin lCode: 1315 try: DEU		
	Before Imag	;e		After Image				
Loqate Demonstration UI v2.44.0.16383-115' GKR Verfy Autocomplete Query Log Analysi Input Data Organization Input Data Organization Address2 Address1 V Straße 142 7A Incoality V Berlin Address4 PostalCode Country DEU CombinedVerfyMethod Parse PreferPrimaryValidAlias Output Address Straße 142 7A Iatsbertin Clear Options Clear Input Clear Options Clear Input Clear Options Clear Input Courbu Address Straße 142 7A I3158 Berlin Longitud Accurac Distance	is ReverseGeocode Output Output Address Quality Index Address Quality Index Address Verfication Code Organization SubBuilding Premise Building Premise Building Protess SuperAdministrativeArea Process SuperAdministrativeArea ProtesS SuperAdministrativeArea PostalCode SubAdministrativeArea SuperAdministrativeArea PostalCode SubAdministrativeArea SuperAdministrativeArea PostalCode SubAdministrativeArea SuperAdministrativeArea SuperAdministrativeArea AdministrativeArea SuperAdministrativeArea PostalCode I Su385120 I SU2 I Guidean	V42:144-P6-093 7A 7A StraBe 142 Berlin Berlin Berlin Berlin I3158 Germany DE ISO3	- Count 1	Input Data Input Data Organization Address2 Address1 Locality Berlin AdministrativeArea PostalCode I3158 Country DEU CombinedVerfyMethoc PreferPrimaryValidAlias MaxMatchPuleCandid:	Log Analysis ReverseGeocode	Output Address Quality Index Address Verification Code Organization SubBuilding Premise Building PostBox Dependent Thoroughfare Double Dependent Locality Dependent Locality Locality SubAdministrativeArea SuperAdministrativeArea SuperAdministrativeArea SuperAdministrativeArea SuperAdministrativeArea SuperAdministrativeArea	V44:144-P6-100 7A 7A Straße 142 Straße 142 Berlin Berlin Berlin Germany DE ISO3	Int Count 1 Empty Empty Verfied no change Empty Empty Verfied no change Empty Verfied no change Added Verfied no change Added Added Empty Verfied no change Cache Stats Shortcuts Veri Nal To Clipboard
Server Status: ssOK	Process Statu	ıs: psOK	.:	Server Status: ssOK		Process Statu	ıs: psOK	



Case Number	Change Description		Category	Country	Example Address			
CAS-64200-Z5V9B8	Improvement of local level verification.	ality and premise	Data	IT	Address1: Via Sand Locality: Lavagno PostalCode: 37030 Country: ITA	ro Pertini 17		
	Before Imag	ge		After Image				
Loqate Demonstration UI v2.43.0.16109-4 GKR Verify Autocomplete Query Log An Input Data ID ID ID Organization Address Via Sandro Pertini Address Via Sandro Pertini Country ITA Contry ITA Contry Country ITA CertifiedCountryList Eor Clear Options Clear Iput Clear Options </td <td>alysis ReverseGeocode Output Address Quality Index Address Verification Code I7 Address Verification Code I7 SubBuilding Premise Building Premise Building PostBox DependentThoroughfare DoubleDependentLocality se Verify at Geocode Frhance AdministrativeArea AdministrativeArea AdministrativeArea AdministrativeArea PostalCode Country tude IS02</td> <td>V33-144-P6-075 E Image: Image:</td> <td>Count 1</td> <td>ForceCountry </td> <td>a Analysis RevenseGeocode Address Quality Inde Address Verification Code Dependent Thoroughfare DoubleDependent Thoroughfare DoubleDependentLocality Parse Verification Codept Process Address Verification Code Address Verificat</td> <td>V44:144-P6-100 17 17 18 19 19 19 10 11 12 13 14 15 17 18 19 19 11 11 12 13 13 11 1503 117</td> <td>- Cache Stats Shortcuts Verified no change Empty Empty Verified no change Empty Verified no change Empty Verified no change Cache Stats Shortcuts Verified no change</td>	alysis ReverseGeocode Output Address Quality Index Address Verification Code I7 Address Verification Code I7 SubBuilding Premise Building Premise Building PostBox DependentThoroughfare DoubleDependentLocality se Verify at Geocode Frhance AdministrativeArea AdministrativeArea AdministrativeArea AdministrativeArea PostalCode Country tude IS02	V33-144-P6-075 E Image:	Count 1	ForceCountry	a Analysis RevenseGeocode Address Quality Inde Address Verification Code Dependent Thoroughfare DoubleDependent Thoroughfare DoubleDependentLocality Parse Verification Codept Process Address Verification Code Address Verificat	V44:144-P6-100 17 17 18 19 19 19 10 11 12 13 14 15 17 18 19 19 11 11 12 13 13 11 1503 117	- Cache Stats Shortcuts Verified no change Empty Empty Verified no change Empty Verified no change Empty Verified no change Cache Stats Shortcuts Verified no change	
Server Status: ssOK	Process Stat	us: psOK	.:	Server Status: ssOK	Process Sta	tus: psOK		



CAS-84144-W2G7Q1 Improvement in parsing of locality in the presence of SubBuilding element. When the subBuilding (Lgh 1101) present in the input address, locality parsed to building, and it is now parsed & verified to locality field. Data SE Address1: Västra Åsgatan 27 Lgh 1101 Locality: eskilstuna PostalCode: 632 25 Country: SE Sefore Image	Case Number	Change Description	Category	Country	Example Address
Section UI v2.44.1.16421-d320dca	CAS-84144-W2G7Q1	the presence of SubBuilding element. When the subBuilding (Lgh 1101) present in the input address, locality was incorrectly parsed to building, and it is now parsed & verified to locality	Data	SE	Locality: eskilstuna PostalCode: 632 25
S Logate Demonstration UI v2.44.1.16421-d320dca − □ ×		Before Image			After Image
GKR Verf Actooms/dec Dury Log Adapts Peak Doad Mdress Verf Address Dependent Thoroughter Verf Addres Dependent Thoroughter Verf Addres Dependent Thoroughter Verf Dependent Thoroughter Find Addred Dependent Thoroughter Verf	GKR Verfy Autocomplete Query Log Analysis Input Data Address Vastra Aegatan 27 Lgh 1 Building Address Address Address Address PostalCode 632 25 Country SE Output Script DefaultCountry Clear Options Clear Input Clear Options Clear Input Cutput Address Z25 Eskilstuna Latitude Localty	ReverseGeocode 1101 Address Quality Index Address Quality Index Address Verfication Code Organization Organization SubBuilding Ligh 1101 Iddress Verfication Code Verfice SubBuilding Ligh 1101 Iddress Verfication Code Valbaulding SubBuilding Ligh 1101 Iddress Verfication Code Valbaulding SubBuilding Building SubBuilding SubBuilding Boulding Sobernet Dependent Throroughfare DoubleDependent Locality Tunafors Add SubAdministrativeArea Eskilatuna Address SubAdministrativeArea SuperAdministrativeArea Forcess PostalCode SuperAdministrativeArea Escil ISO2 SE	Punt 1 pty pty pty ptified no change ptified or change ptified context pty pty pty pty pty ded ded ded ded ded pty ptified no change Cache Stats Shortcuts	GKR Verify Autocomplete Query Lo Input Data Address1 Västra Asgata Address1 Västra Asgata Building Imput Data Address1 Västra Asgata Locality eskilstuna Address Imput Data PostalCode 632 25 Country Imput Data ForceCountry Imput Data DefaultCountry Imput Data Output Clear Options Clear Input Output Address Västra Asgatan 27 Lgh 1101 G32 25 Eskilstuna Size Second 2000	an 27 Lgh 1101 Output Address Quality Index 1 Address Quality Index 1 Address Verification Code V44155-P6-100 Organization Empty Subbuilding Lgh 1101 Identified no change Premise 27 Verified no change Building Empty Parse Verify Match Search Format Geocode Format Geocode Cottput Process Latitude SubAdministrativeArea Latitude Iso2 SE Iso3 Sweden Cache Stats Sobortut Size
Distance Processed Time 00:00:00 02 To Claboard Distance Processed Time 00:00:00 00 Processed Time 00:00:00 00 Processed Time 00:00:00 00 Processed Time 00:00:00 00 Processed Time 00:00:00 Processed Time Processed	Ma	ap This Location			Distance Processed Time 00:00:00 00 Map This Location To Clipboard



Case Number	Change Description		Category	Country	Example Address			
CAS-74079-L6Z9F8	Improvement on the Zip+4 in the output	e missing PostalCode	Data	US	Address1: 1225 Har 5948 United States	icock Rd # Ll	L50 Bullhead City Az	86442-
	Before Ima	ge		After Image				
Az 86442-5948 Un Locality Administrative Area PostalCode Country MatchScore Absolute TI PreferPrimaryValidAlias MaxMatchRuleCandid: Clear Options Clear Input Output Address 1225 Hancoock Rd # LL50 Lattt Longi	alysis ReverseGeocode Cuput Address Quality Index Address Verfication Code Organization SubBuilding Premise Building PostBox DependentThoroughfare DoubleDependentLocality DependentLocality CependentLocality Country tude Country Local Country Local Country Local Country Local Country Local Country Local CependentLocal Country Local CependentLocal Country Local CependentLocal CependentL	I ↓ Result Cd V44-155-P6-100 En LL50 Ide 1225 Ve En En En En Hancock Rd Ve En En Bullhead City Ve Mohave Ad AZ Ve	pty entified no change afiled no change pty pty afiled no change apty afiled no change afiled no change ded affied no change	GKR Verfy Aut Input Data Organization Premise Address 1 Locality Administrative Area PostalCode Country Match Score Absolu Prefer Primary Valid/ MaxMatch RuleCar Clear Options Output Address 1225 H	AeTT > Parse Verfy Alas > Alas > Ala		V44-155-P8-100 LL50 1225 Hancock Rd Bullhead City Mohave AZ Uhted States Uhted States	- ×
Accu	Ince Processed Time Map This Location	00:00:00.47	View All To Clipboard		Accuracy Distance Map This Location	Unmatched Processed Time	L	View All To Clipboard
Server Status: ssOK	Process State	is: psUK	.::	Server Status: ssOK		Process Stat	us: psOK	



Change Description	Category	Country	Example Address
Improvement on thoroughfare verification	Data	DE	Address1: Nußbeite 20 06295 Lutherstadt Eisleben Country: DEU Address2: Orff <u>f</u> ring 12 48599 Gronau (westf.) Country: DEU
Before Image			After Image
Image: SubAdministrativeArea Manafeld-Südha Image: SubAdministrativeArea Manafeld-Südha Image: SubAdministrativeArea AdministrativeArea AdministrativeArea SuperAdministrativeArea Image: SubAdministrativeArea SuperAdministrativeArea Latitude 51.512663 Longtude 11.558517 Accuracy A2 Distance 18021.1 Mao This Location Processed Time		Input Data Input Data Organization Premise Address1 Nußbeite Input Data Input Data	Log Analysis ReverseGeocode Output Output Address Quality Index 1 * Result Court Address Quality Index 1 * Result Court Address Verfication Code V44/144-P6-100 Organization Empty Organization Empty SubBuilding Empty Premise 20 Verfiel on change Building Dependent ThroroughFare Empty DoubleDependent Locality Empty DoubleDependent Locality Empty Lattude SubAdministrativeArea SubAdministrativeArea Sachsen-Anhalt Added SuperAdministrativeArea SuperAdministrativeArea Empty
Process Status: psOK	.:	Server Status: ssOK	Process Status: psOK
	Improvement on thoroughfare verification Before Image NU v2.44.116421-d320dca tet Query Log Analysis ReverseGeocode Output Address Quality Index Building Premise DEU Parse Process Process PostBox DubieDependent Locality Dependent Thoroughfare Match Process PostBox DubieDependent Locality Dependent Thoroughfare SubAdministrativeArea AdministrativeArea SubAdministrativeArea SubAdministrativeArea SuperAdministrativeArea DetailCode Distance New This Location	Improvement on thoroughfare verification Data Before Image Data UV/244.1.16421-0320dca	Improvement on thoroughfare verification Data DE Intervention of the colspan="2">Detervention colspan="2" Deterve



Scotate Demonstration UI v2.44.1.16421-d320dca		- 🗆 ×	Score Demonstration UI v2.44.1.16421-d320dca		- 🗆 X
GKR Verify Autocomplete Query Log Analysis ReverseGeocode			GKR Verify Autocomplete Query Log Analysis ReverseGeocode		
Input Data Output			Input Data		
Organization V	iddress Quality Index C 1 🜩 Result Count 1		Organization V	Address Quality Index 1 Result Count 1	
Premise V Add	dress Verification Code V22-I44-P6-100	1	Premise V	Address Verification Code V44-I44-P6-100	1
Address1 Vifffring 12 48599 Gronau (westf.)	Organization	Empty	Address1 V Orfffring 12 48599 Gronau (westf.)	Organization	Empty
	SubBuilding	Empty		SubBuilding	Empty
	Premise 12	Identified no change		Premise 12	Verified no change
	Building	Empty		Building	Empty
Locality ~	PostBox	Empty	Locality ~	PostBox	Empty
AdministrativeArea V	ependent Thoroughfare	Empty	Administrative Area V	Dependent Thoroughfare	Empty
PostalCode ~	Thoroughfare Orfffring	Identified no change	PostalCode v	Thoroughfare Orffring	Verified alias change
Country V DEU Dout	ubleDependentLocality	Empty	Country V DEU	DoubleDependentLocality	Empty
MatchScoreAbsoluteTI V	DependentLocality	Empty	MatchScoreAbsoluteTI V Parse Verify	DependentLocality	Empty
PreferPrimaryValidAlias V Match Search	Locality Gronau (Westf.)	Verified no change	PreferPrimaryValidAlias V Match Search	Locality Gronau (Westf.)	Verified no change
	SubAdministrativeArea RegBez. Münster	Added	MaxMatchRuleCandid: V	SubAdministrativeArea RegBez. Münster	Added
Enhance	AdministrativeArea Nordrhein-Westfalen	Added	Enhance	AdministrativeArea Nordrhein-Westfalen	Added
Clear Options Clear Input Clear Output Process Su	uperAdministrativeArea	Empty	Clear Options Clear Input Clear Output Process	SuperAdministrativeArea	Empty
Output	PostalCode 48599	Verified no change	Output	PostalCode 48599	Verified no change
Address Orfffring 12 Latitude 52.200646	Country Germany	Cache Stats	Address Orffring 12 Latitude 52.223110	Country Germany	
Longitude 7.036645	ISO2 DE ISO3 DEU		48599 Gronau (Westr.) Longitude 7.042850	ISO2 DE ISO3 DEU	Cache Stats
Accuracy A2	Unmatched	Shortcuts	Accuracy P4	Unmatched	Shortcuts
Distance 6541.5	Processed Time 00:00:00.75	View All	Distance 0.0	Processed Time 00:00:00.00	View All
Map This Location		To Clipboard	Map This Location		To Clipboard
Server Status: ssOK Process Status: psOK:			Server Status: ssOK	Process Status: psOK	

