

INTERNATIONAL ROAMING SERVICES CHART AS AT 31st DECEMBER 2021

S.N.	COUNTRY	OPERATORS	ROAMING SERVICES AVAILABLE			
			VOICE	DATA (2G/3G)	LTE	PREPAID
1	Afghanistan	Etisalat	✓	✓	*	*
1	Afghanistan	TDCA Roshan	✓	✓	*	✓
2	Albania	AMC/Telekom Albania	✓	✓	*	✓
2	Albania	Eagle Mobile	✓	✓	*	✓
2	Albania	PLUS Communication	✓	✓	*	*
2	Albania	Vodafone	✓	✓	*	*
3	Algeria	ATM Mobilis	✓	✓	✓	*
3	Algeria	Orascom/Optimum Telecom (Djezzy)	✓	✓	*	*
4	Andorra	Andorra Telecom	✓	*	*	*
5	Angola	Unitel Angola - Key2roam	✓	✓	*	*
6	Anguilla	Cable & Wireless LIME	✓	✓	✓	✓
6	Anguilla	Digicel	✓	✓	✓	✓
7	Antigua & Barbuda	Cable & Wireless LIME	✓	✓	✓	✓
7	Antigua & Barbuda	Digicel	✓	✓	✓	✓
8	Argentina	Telefonica Moviles	✓	✓	✓	✓
9	Armenia	ArmenTel/VEON Armenia	✓	✓	*	*
9	Armenia	Karbakh Telecom - Key2roam	✓	*	*	*
9	Armenia	Orange/UCOM LLC -FT Hub	✓	✓	✓	✓
9	Armenia	Vivacell	✓	*	*	✓
10	Aruba	Digicel	✓	✓	✓	✓
11	Australia	Optus	✓	✓	✓	✓
11	Australia	Telstra	✓	✓	✓	✓
11	Australia	Vodafone	✓	✓	*	✓
12	Austria	Hutchison Drei Austria GmbH	✓	✓	✓	✓
12	Austria	Mobilkom/A1 Telekom Austria	✓	✓	✓	✓
12	Austria	Max-Mobil/T-Mobile	✓	✓	✓	✓
12	Austria	tele.ring	✓	*	*	*
13	Azerbaijan	Azercell Telecom	✓	✓	*	✓
13	Azerbaijan	Bakcell LLC	✓	✓	*	✓
14	Bahamas	BTC -Key2roam	✓	✓	*	*
14	Bahamas	BeAlive - Key2roam	✓	✓	*	✓
15	Bahrain	Batelco	✓	✓	*	*
15	Bahrain	VIVA	✓	✓	*	*
16	Bangladesh	Aktel/ROBI/Robi Axiata Ltd	✓	✓	*	*
16	Bangladesh	Grameenphone	✓	*	*	*
16	Bangladesh	Orascom-Banglalink Digital Comms Ltd	✓	✓	*	✓
17	Barbados	Cable & Wireless LIME	✓	✓	✓	✓
17	Barbados	Digicel	✓	✓	✓	✓
18	Belarus	BeST-Key2roam	✓	✓	*	*
18	Belarus	MDC/Velcom	✓	✓	*	*
18	Belarus	MTS Belarus-Key2roam	✓	✓	*	*
19	Belgium	Base/KPN Group Belgium/Base Company/Telenet	✓	✓	✓	*
19	Belgium	Telenet	*	*	*	✓
19	Belgium	Belgacom/Proximus	✓	✓	✓	✓
19	Belgium	Mobistar S.A./Orange	✓	✓	✓	✓
20	Belize	Belize Telemedia Ltd. (BTL) -Key2roam	✓	✓	*	*
21	Benin	Libercom	✓	*	*	*
21	Benin	MTN Benin/Spacetel	✓	✓	*	*
21	Benin	Telecel/MOOV/Etisalat	✓	✓	*	✓
22	Bermuda	Digicel	✓	✓	✓	✓
23	Bolivia	Telefonica Celular-Key2roam	✓	✓	*	*
24	Bonaire	Digicel	✓	✓	*	*
25	Bosnia & Herzegovina	BH Telecom	✓	✓	*	*
25	Bosnia & Herzegovina	Mtel -BICS Hub	✓	✓	*	✓
26	Botswana	BTC Mobile (PTY) Ltd./beMobile	✓	✓	*	✓
26	Botswana	Mascom (MTN)	✓	✓	*	*
26	Botswana	Vista Cellular/Orange	✓	✓	✓	✓
27	Brazil	Brasil Telecom Celular (Oi)	✓	✓	*	✓
27	Brazil	Brasil Telecom Celular (Oi)	✓	✓	*	*
27	Brazil	Claro	✓	✓	*	*
27	Brazil	Nextel-Key2roam	✓	✓	*	*
27	Brazil	VIVO	✓	✓	✓	✓
27	Brazil	VIVO	✓	✓	✓	✓
27	Brazil	VIVO	✓	✓	✓	✓
27	Brazil	VIVO	✓	✓	✓	✓
28	British Virgin Island (BVI)	Cable & Wireless LIME	✓	✓	✓	✓
28	British Virgin Island (BVI)	CCT	✓	✓	*	*
28	British Virgin Island (BVI)	Digicel	✓	✓	✓	✓
29	Brunei (Darussalam)	Progresif Cellular Brunei - FT Hub Handset ONLY)	✓	✓	*	*

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S.N.	COUNTRY	OPERATORS	ROAMING SERVICES AVAILABLE			
			VOICE	DATA (2G/3G)	LTE	PREPAID
30	Bulgaria	MobilTel EAD	✓	✓	*	*
30	Bulgaria	Telenor	✓	✓	✓	*
31	Burkina Faso	AIRTEL/Orange	✓	✓	*	*
31	Burkina Faso	Onatel - Key2roam (BFAK8)	✓	✓	*	*
31	Burkina Faso	Telecel	✓	*	*	*
32	Burundi	Smart Burundi -BICS Hub	✓	✓	*	✓
32	Burundi	Tempo Africell	✓	*	*	*
33	Cambodia	CamGsm	✓	✓	*	✓
33	Cambodia	Metfone/Viettel Cambodia-Key2roam	✓	✓	*	*
33	Cambodia	QB Cambodia -FT Hub	✓	✓	*	*
33	Cambodia	Smart Cambodia(Latelz Co.)	✓	✓	✓	*
33	Cambodia	Telekom Malaysia Int./Hello Axiata	✓	✓	*	✓
34	Cameroon	MTN -BICS Hub	✓	✓	*	✓
34	Cameroon	Orange	✓	✓	*	✓
35	Canada	Bell Mobility	✓	✓	✓	✓
35	Canada	Globalive Wireless Mgmt/Wind/Freedom Mobile	✓	✓	✓	✓
35	Canada	Rogers Wireless/Rogers Communications Canada	✓	✓	✓	✓
35	Canada	SaskTel (Roaming Coverage in Saskatchewan Prov)	✓	✓	*	*
35	Canada	TELUS	✓	✓	✓	✓
35	Canada	Videotron	✓	✓	✓	*
36	Cape Verde Is.	CVMOVEL SA-Key2roam	✓	✓	*	*
37	Cayman Islands	Cable & Wireless LIME	✓	✓	✓	✓
37	Cayman Islands	Digicel	✓	✓	✓	✓
38	Central African Republic	Orange -FT Hub	✓	✓	*	✓
39	Chad	Celtel/AIRTEL	✓	✓	✓	✓
39	Chad	Millicom Chad-Key2roam	✓	*	*	*
40	Chile	Claro	✓	✓	*	*
41	China	China Mobile	✓	✓	✓	*
41	China	China Mobile	✓	✓	✓	*
41	China	China Unicom	✓	✓	✓	✓
42	Colombia	Movil/TIGO-Key2roam	✓	✓	*	*
43	Comoros	SNTP/Comores Telecom	✓	*	*	✓
43	Comoros	TELCO	✓	✓	*	✓
44	Congo Dem Rep	Africell-Key2roam	✓	✓	*	*
44	Congo Dem Rep	Celtel/AIRTEL	✓	✓	✓	✓
44	Congo Dem Rep	Congo Chine/Orange DRC -FT Hub	✓	✓	✓	✓
44	Congo Dem Rep	Vodacom	✓	✓	*	✓
45	Congo Republic (Brazaville)	Libertis/MTN	✓	*	*	*
46	Cook Islands	Telecom Cook Islands -FT Hub	✓	*	*	*
47	Costa Rica	Claro-Key2roam	✓	✓	*	*
47	Costa Rica	I.C.E.	✓	✓	*	✓
48	Cote D'Ivoire	Atlantique Cellulaire-Key2roam	✓	✓	*	*
48	Cote D'Ivoire	Loteny Telecom/MTN	✓	✓	*	✓
48	Cote D'Ivoire	Orange (Ivoris)	✓	✓	*	✓
49	Croatia	Cronet/Croatian Telecom	✓	✓	*	✓
50	Curacao	Digicel	✓	✓	*	*
50	Curacao	UTS Setel-Key2roam	✓	✓	*	*
51	Cyprus	CYTA	✓	*	*	*
51	Cyprus	MTN Cyprus-Key2roam	✓	✓	*	*
51	Cyprus	Primetel PLC	✓	✓	✓	✓
52	Czech Republic	Eurotel Praha/Telefonica O2/O2 Czech Republic a.s	✓	✓	✓	*
52	Czech Republic	T-Mobile	✓	✓	*	✓
52	Czech Republic	Vodafone	✓	✓	*	*
53	Denmark	Hi3G Access AB	✓	✓	✓	*
53	Denmark	Sonofon/Telenor	✓	✓	✓	*
53	Denmark	Teledenmark/TDC Mobil	✓	✓	✓	✓
53	Denmark	Telia Danmark	✓	✓	✓	✓
54	Djibouti	Djibouti Telecom	✓	✓	*	*
55	Dominica	Cable & Wireless LIME	✓	✓	✓	✓
55	Dominica	Digicel	✓	✓	✓	✓
56	Dominican Republic	Orange/Altice Hispaniola/Altice Dominicana	✓	✓	*	✓
57	East Timor	Timor Telecom-Key2roam	✓	✓	*	*
58	Ecuador	Telefonica Moviles	✓	✓	*	*
59	Egypt	Click GSM (Vodafone)	✓	✓	*	*
59	Egypt	Etisalat Misr	✓	✓	✓	✓
59	Egypt	Mobini/Orange Egypt	✓	✓	✓	✓
60	El Salvador	Cte Telecom Personal,Claro	✓	✓	*	✓
60	El Salvador	Digicel	✓	✓	*	*
61	Equatorial Guinea	Getesa/Orange	✓	*	*	*
61	Equatorial Guinea	MUNI S.A.	✓	✓	*	✓

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			VOICE	DATA (2G/3G)	LTE	PREPAID
62	Estonia	EMT/Telia Eesti AS	✓	✓	✓	✓
62	Estonia	Radiolinja/Elisa	✓	✓	✓	*
62	Estonia	Tele2	✓	✓	*	*
63	Ethiopia	Ethio Telecom	✓	✓	*	*
64	Fiji	Digicel Fiji -FT Hub	✓	✓	*	*
64	Fiji	Vodafone-Keyroam	✓	✓	*	*
65	Finland	Elisa	✓	*	*	*
65	Finland	Radiolinja AB/ Elisa	✓	✓	✓	✓
65	Finland	PTT Sonera/TeliaSonera	✓	✓	✓	✓
66	France	Bouygues Tel	✓	✓	✓	✓
66	France	Free Mobile	✓	✓	✓	*
66	France	Orange	✓	✓	✓	✓
66	France	SFR	✓	✓	✓	*
67	French Guiana	Digicel	✓	✓	*	*
67	French Guiana	Orange Caraibes ¹ -FT Hub	✓	✓	*	✓
68	French Polynesia	Pacific Mobile	✓	✓	*	*
69	Gabon	AIRTEL -BICS Hub	✓	✓	*	*
69	Gabon	Atlantique Telecom (MOOV)/Libertis	✓	✓	*	*
69	Gabon	USAN (AZUR) -FT Hub	✓	*	*	✓
70	Gambia	Africell Gambia Ltd.	✓	✓	✓	✓
70	Gambia	Comium Gambia	✓	*	*	✓
71	Georgia	Geocell	✓	✓	*	*
71	Georgia	Magticom	✓	*	*	*
72	Germany	DeTe Mobil/T-Mobile/Telekom Deutschland	✓	✓	✓	*
72	Germany	E-Plus Mobilfunk	✓	✓	N/A	*
72	Germany	Viag Interkom/Telefonica O2	✓	✓	✓	*
72	Germany	Mannesmann Mob/Vodafone	✓	✓	✓	✓
73	Ghana	AIRTELTIGO	✓	✓	*	✓
73	Ghana	Mobitel/Millicom/Tigo/AIRTELTIGO	✓	✓	*	✓
73	Ghana	ONetouch/Ghana Telecom/Vodafone	✓	✓	*	✓
73	Ghana	Scancom/MTN Ghana	✓	✓	*	*
74	Gibraltar	Gibtel	✓	*	*	*
74	Gibraltar	CTS Gibraltar -FT Hub	✓	*	*	*
75	Greece	Cosmote	✓	✓	✓	*
75	Greece	Vodafone Panafon Greece	✓	✓	✓	*
75	Greece	Stet Hellas/TIM Hellas/Wind Hellas	✓	✓	✓	✓
76	Grenada	Cable & Wireless LIME	✓	✓	✓	✓
76	Grenada	Digicel	✓	✓	✓	✓
77	Guadeloupe	Digicel	✓	✓	*	*
77	Guadeloupe (Desirade, Les Saintes, Marie Galante, St.Martin/St.Barthelemy)	Orange Caraibes ² -FT Hub	✓	✓	*	✓
77	Guadeloupe-St. Barthelemy	UTS Setel-Key2roam	✓	✓	*	*
78	Guam	Docomo Pacific	✓	✓	*	*
79	Guatemala	Claro	✓	✓	*	*
79	Guatemala	Tigo -Key2roam	✓	✓	*	*
80	Guernsey	Guernsey Telecom/C&W/Sure (Guernsey Ltd)	✓	✓	*	✓
80	Guernsey	Jersey Telecoms/C&W/JT	✓	✓	*	*
81	Guinea Bissau	Orange -FT Hub	✓	✓	*	✓
81	Guinea Bissau	MTN -BICS Hub	✓	✓	*	✓
82	Guinea Republic (Conakry)	Cellcom	✓	*	*	*
82	Guinea Republic (Conakry)	Orange -FT Hub	✓	✓	*	✓
83	Guyana	Digicel	✓	✓	*	✓
84	Haiti	Digicel	✓	✓	✓	✓
85	Honduras	Claro	✓	✓	*	*
85	Honduras	Digicel Honduras -Key2roam	✓	*	*	*
86	Hong Kong	CMHK "Peoples"	✓	✓	*	*
86	Hong Kong	CSL/HKT Ltd.	✓	✓	✓	✓
86	Hong Kong	PCCW/Sunday/HKT Ltd.	✓	✓	*	*
86	Hong Kong	New World PCS Ltd/CSL HKT Ltd.	✓	*	*	*
86	Hong Kong	Hutchison Tel	✓	✓	✓	✓
86	Hong Kong	Hutchison Tel	✓	✓	*	*
86	Hong Kong	SmarTone Mobile	✓	✓	*	*
87	Hungary	Pannon GSM/Telenor	✓	✓	✓	*
87	Hungary	Vodafone	✓	✓	✓	*
87	Hungary	Westel/T-Mobile/Magyar Telekom	✓	✓	✓	✓
88	Iceland	Siminn	✓	✓	*	✓
89	India	Andhra Pradesh - AIRCEL	✓	✓	*	✓
89	India	Bihar - AIRCEL	✓	✓	*	✓
89	India	Chennai - AIRCEL	✓	✓	*	✓
89	India	Delhi - AIRCEL	✓	✓	*	✓

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			VOICE	DATA (2G/3G)	LTE	PREPAID
89	India	Gujarat - AIRCEL	✓	✓	*	✓
89	India	Haryana - AIRCEL	✓	✓	*	✓
89	India	Himachal Pradesh - AIRCEL	✓	✓	*	✓
89	India	Karnataka - AIRCEL	✓	✓	*	✓
89	India	Kerala - AIRCEL	✓	✓	*	✓
89	India	Kolkata - AIRCEL	✓	✓	*	✓
89	India	Madhya Pradesh - AIRCEL	✓	✓	*	✓
89	India	Maharashtra & GOA - AIRCEL	✓	✓	*	✓
89	India	Mumbai - AIRCEL	✓	✓	*	✓
89	India	Orissa - AIRCEL	✓	✓	*	✓
89	India	Punjab - AIRCEL	✓	✓	*	✓
89	India	Rajasthan - AIRCEL	✓	✓	*	✓
89	India	Tamil Nadu - AIRCEL	✓	✓	*	✓
89	India	UP East - AIRCEL	✓	✓	*	✓
89	India	UP West - AIRCEL	✓	✓	*	✓
89	India	West Bengal - AIRCEL	✓	✓	*	✓
89	India	Andhra Pradesh - JTM/BhartiAirtel	✓	✓	✓	✓
89	India	Bihar - BhartiAirtel	✓	✓	✓	✓
89	India	Chennai - Skycell/BhartiAirtel	✓	✓	✓	✓
89	India	Delhi - BhartiAirtel	✓	✓	✓	✓
89	India	Gujarat - BhartiAirtel	✓	✓	✓	✓
89	India	Haryana - BhartiAirtel	✓	✓	✓	✓
89	India	Himachal Pradesh - BhartiAirtel	✓	✓	✓	✓
89	India	Karnataka - JTM/BhartiAirtel	✓	✓	✓	✓
89	India	Kerala - BhartiAirtel	✓	✓	✓	✓
89	India	Kolkata - Modi-Telstra/BhartiAirtel	✓	✓	✓	✓
89	India	Madhya Pradesh - BhartiAirtel	✓	✓	✓	✓
89	India	Maharashtra & GOA - BhartiAirtel	✓	✓	✓	✓
89	India	Rajasthan - OASIS/BhartiAirtel	✓	✓	✓	✓
89	India	Mumbai - BhartiAirtel	✓	✓	✓	✓
89	India	Orissa - BhartiAirtel	✓	✓	✓	✓
89	India	Punjab - BhartiAirtel	✓	✓	✓	✓
89	India	Tamil Nadu - BhartiAirtel	✓	✓	✓	✓
89	India	UP East - BhartiAirtel	✓	✓	✓	✓
89	India	UP West - BhartiAirtel	✓	✓	✓	✓
89	India	West Bengal - BhartiAirtel	✓	✓	✓	✓
89	India	Andhra Pradesh - Birla Tata/IDEA Cellular/Vodafone	✓	✓	*	✓
89	India	Bihar - IDEA Cellular/Vodafone Idea	✓	✓	*	✓
89	India	Delhi - IDEA Cellular/Vodafone Idea	✓	✓	*	✓
89	India	Gujarat - IDEA Cellular/Vodafone Idea	✓	✓	*	✓
89	India	Haryana - IDEA Cellular/Vodafone Idea	✓	✓	*	✓
89	India	Himachal Pradesh - IDEA Cellular/Vodafone Idea	✓	✓	*	✓
89	India	Karnataka - Spice/IDEA Cellular/Vodafone Idea	✓	✓	*	✓
89	India	Kerala - Escotel/IDEA Cellular/Vodafone Idea	✓	✓	*	✓
89	India	Kolkata - Spice Cell Ltd./IDEA Cellular/Vodafone Idea	✓	✓	*	*
89	India	Madhya Pradesh - IDEA Cellular/Vodafone Idea	✓	✓	*	✓
89	India	Maharashtra & GOA - IDEA Cellular/Vodafone Idea	✓	✓	*	✓
89	India	Mumbai - IDEA Cellular/Vodafone Idea	✓	✓	*	✓
89	India	Orissa - IDEA Cellular/Vodafone Idea	✓	✓	*	*
89	India	Punjab - Spice Cell Ltd./IDEA Cellular/Vodafone Idea	✓	✓	*	✓
89	India	Rajasthan - IDEA Cellular/Vodafone Idea	✓	✓	*	✓
89	India	Tamil Nadu - IDEA Cellular/Vodafone Idea	✓	✓	*	*
89	India	UP East - IDEA Cellular/Vodafone Idea	✓	✓	*	✓
89	India	UP West - Escotel/IDEA Cellular/Vodafone Idea	✓	✓	*	✓
89	India	West Bengal - IDEA Cellular/Vodafone Idea	✓	✓	*	*
89	India	Andhra Pradesh - Tata Docomo	✓	✓	*	✓
89	India	Bihar - Tata Docomo	✓	✓	*	✓
89	India	Delhi - Tata Docomo	✓	✓	*	✓
89	India	Gujarat - Tata Docomo	✓	✓	*	✓
89	India	Haryana - Tata Docomo	✓	✓	*	✓
89	India	Himachal Pradesh - Tata Docomo	✓	✓	*	✓
89	India	Karnataka - Tata Docomo	✓	✓	*	✓
89	India	Kerala - Tata Docomo	✓	✓	*	✓
89	India	Kolkata - Tata Docomo	✓	✓	*	✓
89	India	Madhya Pradesh - Tata Docomo	✓	✓	*	✓
89	India	Maharashtra - Tata Docomo	✓	✓	*	✓
89	India	Mumbai - Tata Docomo	✓	✓	*	✓
89	India	Orissa - Tata Docomo	✓	✓	*	✓
89	India	Punjab - Tata Docomo	✓	✓	*	✓
89	India	Rajasthan - Tata Docomo	✓	✓	*	✓

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			VOICE	DATA (2G/3G)	LTE	PREPAID
89	India	RO WB -Tata Docomo	✓	✓	*	✓
89	India	Tamil Nadu-Tata Docomo	✓	✓	*	✓
89	India	UP East -Tata Docomo	✓	✓	*	✓
89	India	UP West -Tata Docomo	✓	✓	*	✓
89	India	BSNL	✓	✓	*	✓
89	India	Delhi - MTNL	✓	✓	*	*
89	India	Mumbai - MTNL	✓	✓	*	*
89	India	Delhi - Vodafone Essar	✓	✓	✓	✓
89	India	Gujarat - Fascel/Vodafone Essar Gujarat	✓	✓	✓	✓
89	India	Kerala - BPL/Loop Mobile/Vodafone Essar	✓	✓	✓	✓
89	India	Kolkata - Usha Martin/Vodafone Essar	✓	✓	✓	✓
89	India	Maharashtra & GOA - BPL/Loop Mobile/Vodafone E	✓	✓	✓	✓
89	India	Mumbai - Vodafone Essar	✓	✓	✓	✓
89	India	Tamil Nadu - BPL/Loop/Vodafone Essar	✓	✓	✓	✓
89	India	Mumbai - BMCL/Loop Mobile	✓	✓	*	✓
89	India	Reliance Mobile	✓	✓	*	*
90	Indonesia	AXIS	✓	✓	*	✓
90	Indonesia	Hutchison	✓	✓	*	✓
90	Indonesia	Indosat	✓	✓	*	*
90	Indonesia	Telkomsel	✓	✓	*	✓
91	Iran	MTN Irancell	✓	✓	✓	✓
91	Iran	RighTel	✓	✓	*	*
92	Iraq	Korek Telecom/Orange	✓	✓	*	✓
93	Ireland	Eircell/Vodafone	✓	✓	✓	✓
93	Ireland	ESAT Digifone/O2 Ireland	✓	✓	*	*
93	Ireland	Meteor/eir	✓	✓	✓	✓
94	Isle of Man	Guernsey Telecom/C&W/Sure (Guernsey Ltd)	✓	✓	*	✓
95	Israel	Cellcom	✓	✓	*	*
95	Israel	Hot Mobile	✓	✓	✓	✓
95	Israel	Partner Comms./Orange/Partner	✓	✓	*	*
96	Italy	Iliad Italia (Free)	✓	✓	*	*
96	Italy	BLU/Wind Tel/WindTre	✓	✓	*	*
96	Italy	H3G SpA/WindTre	✓	✓	*	✓
96	Italy	Telecom Italia	✓	✓	✓	✓
96	Italy	Vodafone - Omnitel	✓	✓	✓	✓
97	Jamaica	Cable & Wireless LIME	✓	✓	✓	✓
97	Jamaica	Digicel	✓	✓	✓	✓
98	Japan	Vodafone/SoftBank Corp	✓	✓	✓	*
98	Japan	NTT Docomo	✓	✓	✓	✓
99	Jersey	Jersey Airtel Ltd	✓	✓	✓	✓
99	Jersey	Guernsey Telecom/C&W/Sure (Guernsey Ltd)	✓	✓	*	✓
99	Jersey	Jersey Telecoms/C&W/JT	✓	✓	✓	✓
100	Jordan	Fastlink/Zain	✓	*	*	*
100	Jordan	Orange -FT Hub	✓	✓	✓	✓
100	Jordan	Umniah	✓	*	*	✓
101	Kazakhstan	K'Cell	✓	✓	*	✓
101	Kazakhstan	NEO Kazakhstan-Key2roam	✓	*	*	*
102	Kenya	Kencell/Celtel/AIRTEL	✓	✓	*	*
102	Kenya	Safaricom	✓	✓	✓	✓
102	Kenya	Orange/Telkom Kenya	✓	✓	✓	✓
103	Korea Rep of (South Korea)	KT Corporation(3G Handset Needed)	✓	✓	✓	*
103	Korea Rep of (South Korea)	LG Uplus (LTE DATA ONLY)	*	*	✓	*
103	Korea Rep of (South Korea)	SK Telecom (CDMA Handset Needed)	✓	✓	✓	*
104	Kuwait	MTC/Zain	✓	✓	✓	*
104	Kuwait	VIVA	✓	✓	*	✓
105	Kyrgyz Republic	Alfa Telecom -BICS Hub	✓	✓	*	✓
105	Kyrgyz Republic	NUR Telecom LLC	✓	✓	*	*
106	Latvia	LMT/Telia	✓	✓	✓	✓
106	Latvia	Tele2	✓	✓	*	*
107	Lebanon	FTML/MIC1	✓	✓	*	✓
107	Lebanon	Libancell/MIC2	✓	✓	*	*
108	Lesotho	Econet Telecom	✓	✓	*	*
108	Lesotho	Vodacom	✓	*	*	*
109	Liberia	MTN -BICS Hub	✓	✓	*	✓
109	Liberia	Comium/Novafone Inc.	✓	*	*	*
110	Liechtenstein	Telecom Liechtenstein	✓	✓	*	✓
110	Liechtenstein	Orange Liecht -Key2roam	✓	*	*	*
110	Liechtenstein	Swisscom	✓	✓	✓	✓
110	Liechtenstein	Tango/All Communications	✓	*	*	*
111	Lithuania	Omnitel/Telia	✓	✓	✓	✓

INTERNATIONAL ROAMING SERVICES CHART AS AT 31st DECEMBER 2021

S.N.	COUNTRY	OPERATORS	ROAMING SERVICES AVAILABLE			
			VOICE	DATA (2G/3G)	LTE	PREPAID
112	Luxembourg	Orange S.A.	✓	✓	✓	✓
112	Luxembourg	P&T Luxembourg/Post Luxembourg-Key2roam	✓	✓	*	*
112	Luxembourg	Tango	✓	✓	✓	✓
113	Macau	CTM	✓	✓	✓	✓
113	Macau	Hutchison	✓	✓	*	✓
113	Macau	SmarTone-Key2roam	✓	✓	*	*
114	Macedonia	T- Mobile Macedonia-Key2roam	✓	✓	*	*
115	Madagascar	Orange	✓	✓	✓	✓
115	Madagascar	TELMA/Telecom Malagasy	✓	✓	✓	✓
115	Madagascar	Zain/AIRTEL	✓	✓	✓	✓
116	Malawi	AIRTEL	✓	*	*	*
116	Malawi	TNM (excl.Blackberry Services)	✓	✓	*	*
117	Malaysia	Celcom Axiata Berhad	✓	✓	✓	*
117	Malaysia	DiGi Telecom	✓	✓	✓	✓
117	Malaysia	Maxis-Mobil	✓	✓	✓	✓
117	Malaysia	TMTouch	✓	✓	*	*
117	Malaysia	U Mobile	✓	✓	*	*
118	Maldives	Dhiraagu	✓	✓	*	*
118	Maldives	Wataniya/Ooredoo Maldives	✓	✓	*	✓
119	Mali	Ikatel/Orange	✓	✓	✓	✓
120	Malta	Go Mobile	✓	✓	*	✓
120	Malta	Melita	✓	✓	*	*
120	Malta	Vodafone	✓	✓	*	✓
121	Martinique	Digicel	✓	✓	*	*
121	Martinique	Orange Caraibes ³ -FT HUB	✓	✓	*	✓
122	Mauritania	Mattel-Key2roam	✓	✓	*	*
122	Mauritania	Mauritel	✓	✓	*	*
123	Mayotte	Orange	✓	*	*	*
123	Mayotte	SRR**	✓	✓	*	✓
124	Mexico	AT&T Comercialización Movil-Key2roam	✓	✓	*	*
124	Mexico	Nextel del Mexico-Key2roam	✓	✓	*	*
124	Mexico	Telefonica	✓	✓	✓	✓
125	Mobile Satellite	AeroMobile AS Norway	✓	✓	✓	✓
125	Mobile Satellite	OnAir Switzerland Sarl	✓	✓	*	✓
125	Mobile Satellite	Thuraya UAE	✓	*	*	*
126	Moldova	Moldcell-Key2roam	✓	✓	*	*
126	Moldova	Orange	✓	✓	✓	✓
126	Moldova	Moldtelcom -Key2roam	✓	*	*	*
127	Monaco	Monaco Telecom Maritime Services-Keyroam	✓	✓	*	*
127	Monaco	Monaco Telecom S.A.M.-Key2roam	✓	✓	*	*
127	Monaco	Tango	✓	*	*	*
128	Mongolia	Mobicom	✓	✓	*	*
128	Mongolia	Skytel -BICS Hub	✓	✓	*	✓
128	Mongolia	Unitel	✓	✓	*	✓
129	Montenegro	Crnogorski Telekom-Key2roam	✓	✓	*	*
129	Montenegro	MTEL Montenegro-Key2roam	✓	✓	*	*
130	Montserrat	Cable & Wireless LIME	✓	✓	✓	✓
130	Montserrat	Digicel	✓	✓	✓	✓
131	Morocco	Maroc Telecom (IAM)	✓	✓	✓	*
131	Morocco	Medi Telecom/Orange Maroc	✓	✓	✓	✓
131	Morocco	Wana Morocco	✓	✓	✓	✓
132	Mozambique	MCEL	✓	✓	*	*
132	Mozambique	Movitel - Viettel Hub	✓	✓	*	✓
132	Mozambique	Vodacom	✓	✓	*	*
133	Myanmar	MPT Myanmar -FT Hub	✓	*	*	*
133	Myanmar	Telenor Myanmar - Key2roam	✓	✓	*	*
134	Namibia	CellOne/Leo™/tn mobile™	✓	✓	*	*
134	Namibia	MTC	✓	*	*	*
135	Netherland Antilles	Telcel St Maarten-Key2roam	✓	✓	*	*
135	Netherland Antilles-Bonaire	UTS Setel-Key2roam	✓	✓	*	*
135	Netherland Antilles-Saba	UTS Setel-Key2roam	✓	✓	*	*
135	Netherland Antilles-Statia(Sint Eustatius)	UTS Setel-Key2roam	✓	✓	*	*
136	Netherlands	Libertel /Vodafone & M2M	✓	✓	✓	✓
136	Netherlands	O2/Telfort B.V.	✓	✓	*	*
136	Netherlands	PTT Netherlands/KPN	✓	✓	✓	*
137	New Caledonia	OPT Nouvelle Caledonie -FT Hub	✓	✓	*	*
138	New Zealand	2 Degrees NZL -BICS Hub	✓	✓	*	✓
138	New Zealand	Telefonica O2 UK	✓	✓	*	*
137	New Zealand	Vodafone NZ	✓	✓	*	✓
139	Nicaragua	Claro	✓	*	*	*

INTERNATIONAL ROAMING SERVICES CHART AS AT 31st DECEMBER 2021

S.N.	COUNTRY	OPERATORS	ROAMING SERVICES AVAILABLE			
			VOICE	DATA (2G/3G)	LTE	PREPAID
140	Niger	Atlantique Telecom	✓	*	*	*
140	Niger	Orange -FT Hub	✓	✓	*	✓
141	Nigeria	Celtel/Vmobile/Econet/Zain/AIRTEL	✓	✓	*	*
141	Nigeria	Etisalat/9mobile	✓	✓	*	✓
141	Nigeria	MTN	✓	✓	*	✓
142	Norway	NetCom/Telia Norge AS	✓	✓	*	*
142	Norway	Telenor Mobil A.S.	✓	✓	✓	✓
143	Oman	Nawras	✓	✓	*	✓
143	Oman	Omantel/Oman Mobile	✓	✓	*	✓
144	Pakistan	Mobilink/PMCL (JAZZ)	✓	✓	*	*
144	Pakistan	Warid/PMCL (JAZZ)	✓	✓	*	✓
144	Pakistan	Telenor	✓	✓	*	✓
144	Pakistan	ZonG Pakistan	✓	✓	✓	*
145	Palestine	Wataniya Mobile -FT Hub	✓	*	*	*
146	Panama	Cable & Wireless - Key2roam	✓	✓	*	*
146	Panama	Digicel	✓	✓	*	*
147	Papua New Guinea	B Mobile - Key2roam	✓	*	*	*
147	Papua New Guinea	Digicel PNG - Key2roam	✓	✓	*	*
148	Paraguay	Hola/VOX	✓	*	*	*
148	Paraguay	Nucleo-Key2roam	✓	✓	*	*
148	Paraguay	Telecel (TIGO)	✓	✓	*	*
149	Peru	ENTEL Peru S.A.- Key2roam	✓	✓	*	*
150	Philippines	Globe Telecom	✓	✓	*	✓
150	Philippines	Smart Comms.	✓	✓	*	*
151	Poland	ERA/PTC/T-Mobile	✓	✓	✓	*
151	Poland	Polkomtel/Plus GSM	✓	*	*	*
151	Poland	PTK Centertel/Orange Polska S.A	✓	✓	*	✓
151	Poland	Play (P4)	✓	✓	✓	✓
152	Portugal	Optimus/Orange/NOS Comunicações S.A.-FT Hub	✓	✓	*	*
152	Portugal	Telecel/Vodafone	✓	✓	✓	✓
152	Portugal	TMN/MEO	✓	✓	*	✓
153	Puerto Rico	Claro	✓	✓	✓	✓
154	Qatar	Qatar Telecom (QTel)/Ooredoo	✓	✓	*	✓
154	Qatar	Vodafone Qatar-Key2roam	✓	✓	*	*
155	Reunion	Orange	✓	✓	✓	✓
155	Reunion	Outremer Telecom	✓	✓	*	*
155	Reunion	SRR**	✓	✓	*	✓
156	Romania	Connex/Vodafone	✓	✓	✓	✓
156	Romania	Orange	✓	✓	✓	✓
156	Romania	RCS & RDS Romania	✓	✓	*	*
157	Russia	Dontelecom/MTS	✓	*	*	*
157	Russia	KB Impuls/Vimpelcom	✓	*	*	✓
157	Russia	LLC Ekaterinburg-Motiv-Key2roam	✓	*	*	*
157	Russia	MTS PJSC	✓	✓	✓	✓
157	Russia	North-West GSM/Megafon	✓	✓	✓	*
157	Russia	Stavtelesot	✓	*	*	*
158	Rwanda	MTN RwandaCell	✓	✓	*	*
159	Samoa	Digicel	✓	✓	*	*
160	Sao Tome & Principe	CST	✓	*	*	*
161	Saudi Arabia	Etihad Etisalat/Mobily	✓	✓	✓	✓
161	Saudi Arabia	STC	✓	✓	✓	✓
161	Saudi Arabia	ZAIN Saudi Arabia	✓	✓	*	*
162	Senegal	Expresso -BICS Hub	✓	✓	*	*
162	Senegal	Sentel/Tigo	✓	✓	*	*
162	Senegal	Sonatel/Orange	✓	✓	*	✓
163	Serbia (ex-Yugoslavia)	Telenor Serbia (ex-Mobtel)	✓	✓	*	✓
163	Serbia (ex-Yugoslavia)	Telecom Serbia -BICS Hub	✓	✓	*	*
164	Seychelles	AIRTEL	✓	✓	*	✓
164	Seychelles	Cable & Wireless	✓	✓	✓	✓
165	Sierra Leone	Africell	✓	✓	✓	✓
165	Sierra Leone	AIRTEL/Orange	✓	✓	*	*
165	Sierra Leone	Comium	✓	*	*	*
166	Singapore	Mobileone/M1 Limited	✓	✓	✓	✓
166	Singapore	Singtel (3G/4G Handset Needed)	✓	✓	✓	*
166	Singapore	Singtel DCS 1800	✓	✓	*	*
166	Singapore	Starhub	✓	✓	✓	✓
167	Slovak Rep	Eurotel Bratislava/T-Mobile/Slovak Telekom	✓	✓	*	*
167	Slovak Rep	O2	✓	*	*	*
167	Slovak Rep	Orange Slovensko	✓	✓	*	*
168	Slovenia	Telekom Slovenije d.d..	✓	✓	*	✓

INTERNATIONAL ROAMING SERVICES CHART AS AT 31st DECEMBER 2021

S.N.	COUNTRY	OPERATORS	ROAMING SERVICES AVAILABLE			
			VOICE	DATA (2G/3G)	LTE	PREPAID
168	Slovenia	Tusmobil/Telemach Mobil	✓	✓	✓	✓
169	South Africa	Cell C	✓	✓	✗	✗
169	South Africa	MTN	✓	✓	✓	✓
169	South Africa	Telkom South Africa	✓	✓	✗	✓
169	South Africa	Vodacom	✓	✓	✓	✓
170	Spain	Orange	✓	✓	✓	✓
170	Spain	Telefonica Moviles	✓	✓	✗	✗
170	Spain	Vodafone NZ	✓	✓	✓	✗
170	Spain	Vodafone NZ	✓	✗	✗	✗
170	Spain	Xfera Móviles	✓	✓	✗	✓
171	Sri Lanka	Bharti Airtel -FT Hub	✓	✓	✗	✗
171	Sri Lanka	Etisalat	✓	✓	✗	✗
171	Sri Lanka	Hutchison	✓	✓	✗	✓
171	Sri Lanka	Mobitel	✓	✓	✓	✓
171	Sri Lanka	MTN/Dialog Telekom/Dialog Axiata PLC	✓	✓	✓	✓
172	St. Kitts & Nevis	Cable & Wireless LIME	✓	✓	✓	✓
172	St. Kitts & Nevis	Digicel	✓	✓	✓	✓
172	St. Kitts & Nevis	UTS Setel-Key2roam	✓	✓	✗	✗
173	St. Lucia	Cable & Wireless LIME	✓	✓	✗	✓
173	St. Lucia	Digicel	✓	✓	✓	✓
174	St. Martin/Sint Maarten	UTS Setel-Key2roam	✓	✓	✗	✗
175	St. Pierre & Miquelon	SPM Telecom -FT Hub	✓	✗	✗	✗
176	St. Vincent & The Grenadines	Cable & Wireless LIME	✓	✓	✗	✓
176	St. Vincent & The Grenadines	Digicel	✓	✓	✓	✓
177	Sudan	Bashair Telecom/Areeba/MTN Sudan	✓	✗	✗	✗
177	Sudan	Sudanese Mobile Tel/MobiTel/ZAIN	✓	✓	✗	✗
178	Sudan Southern	MTN -BICS Hub	✓	✗	✗	✓
178	Sudan Southern	ZAIN -BICS Hub	✓	✗	✗	✓
179	Suriname	Digicel	✓	✓	✗	✓
180	Swaziland	MTN Swaziland/MTN Eswatini	✓	✓	✗	✗
181	Sweden	Comviq Tele2 AB/Tele2 Sweden	✓	✓	✓	✗
181	Sweden	Europolitain/Telenor	✓	✓	✓	✗
181	Sweden	Hi3G Access AB	✓	✓	✓	✗
181	Sweden	Telia Sonera Mobile AB	✓	✓	✓	✓
182	Switzerland	Orange Comm./Salt Mobile SA	✓	✓	✓	✓
182	Switzerland	Sunrise	✓	✓	✓	✓
182	Switzerland	Swisscom	✓	✓	✓	✓
183	Taiwan	Chunghwa	✓	✓	✓	✓
183	Taiwan	KG Telecom/Far EasTone	✓	✓	✓	✗
183	Taiwan	Taiwan Cell. Corp/Far EasTone	✓	✓	✗	✗
183	Taiwan	Pacific/Taiwan Mobile	✓	✗	✗	✗
183	Taiwan	Taiwan Star	✓	✓	✓	✗
184	Tajikistan	TCELL - Key2roam	✓	✗	✗	✗
184	Tajikistan	TCELL North Somoncom - Key2roam	✓	✗	✗	✗
185	Tanzania	Celtel/AIRTEL	✓	✓	✗	✗
185	Tanzania	Mobitel/MIC Tanzania Ltd	✓	✗	✗	✗
185	Tanzania	Tritel	✓	✗	✗	✗
185	Tanzania	Vodacom	✓	✓	✗	✗
185	Tanzania	Zantel	✓	✓	✗	✓
186	Thailand	AIS_AWN	✓	✓	✗	✓
186	Thailand	Real Future / True Move	✓	✓	✓	✗
186	Thailand	TAC	✓	✓	✗	✗
186	Thailand	Trinet (DTAC)-Keyroam	✓	✓	✗	✗
187	Togo	MOOV -Key2roam	✓	✓	✗	✗
187	Togo	Togo Cellulaire	✓	✓	✗	✗
188	Tonga	Digicel	✓	✓	✗	✗
189	Trinidad & Tobago	Digicel	✓	✓	✗	✗
190	Tunisia	Orange -FT Hub	✓	✓	✓	✓
190	Tunisia	Tunisie Telecom	✓	✓	✗	✓
191	Turkey	AVEA/Turk Telecom	✓	✓	✗	✗
191	Turkey	Telsim/Vodafone	✓	✓	✗	✓
191	Turkey	Turkcell	✓	✓	✗	✓
192	Turkmemistan	Altyn Asyr (TM Cell)-Key2roam	✓	✗	✗	✗
192	Turkmemistan	BCTI (MTS)	✓	✗	✗	✗
193	Turks & Caicos Islands	Cable & Wireless LIME	✓	✓	✓	✓
193	Turks & Caicos Islands	Digicel	✓	✓	✓	✓
194	UAE	DU	✓	✓	✓	✓
194	UAE	Etisalat Group	✓	✓	✓	✓
195	Uganda	Celtel/Zain/AIRTEL	✓	✓	✓	✗
195	Uganda	Warid Telecom/AIRTEL	✓	N/A	N/A	N/A

INTERNATIONAL ROAMING SERVICES CHART AS AT 31st DECEMBER 2021

S.N.	COUNTRY	OPERATORS	ROAMING SERVICES AVAILABLE			
			VOICE	DATA (2G/3G)	LTE	PREPAID
195	Uganda	MTN	✓	✓	*	✓
195	Uganda	Orange	✓	✓	*	✓
195	Uganda	Telecel/Uganda Telecom (UTL)	✓	✓	*	✓
196	UK	Hutchison 3G UK Ltd	✓	✓	✓	✓
196	UK	O2/Telefonica Uk Ltd	✓	✓	✓	✓
196	UK	Orange / Everything Everywhere Ltd	✓	✓	*	✓
196	UK	T- Mobile/Everything Everywhere Ltd	✓	✓	✓	✓
196	UK	Vodafone	✓	✓	✓	✓
197	Ukraine	Astelit	✓	*	*	*
197	Ukraine	Kyivstar	✓	✓	*	*
197	Ukraine	MTS	✓	✓	*	✓
198	Uruguay	ANTEL	✓	✓	*	✓
199	USA	AT&T	✓	✓	✓	✓
199	USA	Indigo Wireless -BICS Hub	✓	✓	*	*
199	USA	Voicestream/T-Mobile	✓	✓	✓	✓
199	USA	TELNA	✓	✓	*	✓
199	USA	Union Telephone Company	✓	✓	*	*
199	USA	Verizon Wireless	✓	✓	✓	*
200	Uzbekistan	Unitel LLC	✓	✓	*	✓
201	Vanuatu	Digicel Vanuatu -FT Hub	✓	✓	*	*
201	Vanuatu	VTL Vanuatu -FT Hub	✓	✓	*	✓
202	Vietnam	GTEL Mobile(Beeline)	✓	✓	*	*
202	Vietnam	Vietnamobile - Key2roam	✓	✓	*	*
202	Vietnam	Vinaphone - Key2roam	✓	✓	*	*
202	Vietnam	VMS MobiFone	✓	✓	*	✓
203	Yemen	Spacetel	✓	*	*	*
204	Zambia	CellZ (ZAMTEL)	✓	✓	*	✓
204	Zambia	Celtel/Zain/AIRTEL	✓	*	*	*
204	Zambia	Telecel/MTN	✓	✓	*	*
205	Zimbabwe	Econet	✓	✓	*	✓
205	Zimbabwe	NET-One	✓	✓	*	*
205	Zimbabwe	Telecel Zimbabwe	✓	✓	*	✓
TOTAL			584	521	184	324