

## INTERNATIONAL ROAMING SERVICES CHART AS AT 30TH SEPTEMBER 2017

S.N.	COUNTRY	OPERATORS	ROAMING SERVICES AVAILABLE			
			POSTPAID			
			VOICE	GPRS	3G (Data)	4G/LTE (Data)
1	Afghanistan	Etisalat	✓	✓	✓	*
1	Afghanistan	TDCA Roshan	✓	✓	✓	*
2	Albania	AMC	✓	✓	✓	*
2	Albania	Eagle Mobile	✓	✓	✓	*
2	Albania	PLUS Communication	✓	✓	*	*
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	✓	✓	✓	*
9	Armenia	Karabakh Telecom - Key2roam	✓	*	*	*
9	Armenia	Orange -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	Max-Mobil/T-Mobile	✓	*	*	*
12	Austria	Mobilkom/A1 Telekom Austria	✓	✓	✓	*
12	Austria	tele.ring	✓	*	*	*
13	Azerbaijan	Azercell Telecom	✓	✓	*	*
13	Azerbaijan	Azerfon LLC	✓	✓	✓	*
13	Azerbaijan	Bakcell LLC	✓	✓	✓	*
14	Bahamas	BTC -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	Belgacom/Proximus	✓	✓	✓	✓
19	Belgium	Mobistar S.A./Orange	✓	✓	✓	✓
20	Belize	Belize Telemidia 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	Bosnia & Herzegovina	BH Telecom	✓	✓	✓	*
25	Botswana	BTC Mobile (PTY) Ltd./beMobile	✓	*	*	*
25	Botswana	Mascom (MTN)	✓	✓	✓	*
25	Botswana	Vista Cellular/Orange	✓	✓	✓	*
26	Brazil	Brasil Telecom Celular (Oi)	✓	✓	✓	*
26	Brazil	Claro	✓	✓	*	*
26	Brazil	Nextel-Key2roam	✓	✓	✓	*
26	Brazil	VIVO	✓	✓	✓	*
27	British Virgin Island (BVI)	Cable & Wireless LIME	✓	✓	✓	*
27	British Virgin Island (BVI)	Digicel	✓	✓	*	*
28	Brunei (Darussalam)	Progresif Cellular Brunei - FT Hub (3G Handset ONLY)	✓	✓	✓	*
29	Bulgaria	MobilTel EAD	✓	✓	✓	*
30	Burkina Faso	AIRTEL/Orange	✓	✓	✓	*
30	Burkina Faso	Telecel	✓	*	*	*
31	Burundi	Smart Burundi -BICS Hub	✓	✓	*	*
31	Burundi	Tempo Africell	✓	*	*	*

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S.N.	COUNTRY	OPERATORS	ROAMING SERVICES AVAILABLE			
			POSTPAID			
			VOICE	GPRS	3G (Data)	4G/LTE (Data)
32	Cambodia	CamGsm	✓	✓	✓	*
32	Cambodia	Metfone/Viettel Cambodia-Key2roam	✓	✓	*	*
32	Cambodia	QB Cambodia -FT Hub	✓	✓	✓	*
32	Cambodia	Smart Cambodia(Latelz Co.)	✓	✓	*	*
32	Cambodia	Telekom Malaysia Int./Hello Axiata	✓	✓	✓	*
33	Cameroon	MTN -BICS Hub	✓	✓	*	*
33	Cameroon	Orange	✓	✓	✓	*
34	Canada	Bell Mobility	✓	✓	✓	✓
34	Canada	Globalive Wireless Mgmt/Wind/Freedom Mobile	✓	✓	✓	*
34	Canada	Rogers Wireless/Rogers Communications Canada	✓	✓	✓	✓
34	Canada	SaskTel	✓	✓	✓	*
34	Canada	TELUS	✓	✓	✓	✓
34	Canada	Videotron	✓	✓	✓	*
35	Cape Verde Is.	CVMOVEL SA-Key2Roam	✓	✓	*	*
36	Cayman Islands	Cable & Wireless LIME	✓	✓	✓	*
36	Cayman Islands	Digicel	✓	✓	✓	*
37	Central African Republic	Orange -FT Hub	✓	✓	✓	*
38	Chad	Celtel/AIRTEL	✓	✓	✓	*
38	Chad	Millicom Chad-Key2roam	✓	*	*	*
39	Chile	Claro	✓	✓	✓	*
40	China	China Mobile	✓	✓	*	*
40	China	China Unicom	✓	✓	✓	✓
41	Colombia	Movil/TIGO-Key2roam	✓	✓	*	*
42	Comoros	SNTP/Comores Telecom	✓	*	*	*
43	Congo Dem Rep	Celtel/AIRTEL	✓	✓	✓	*
43	Congo Dem Rep	Congo Chine/Orange DRC -FT Hub	✓	✓	✓	*
43	Congo Dem Rep	OASIS,Tigo/Orange DRC -BICS Hub	✓	✓	*	*
43	Congo Dem Rep	Vodacom	✓	✓	✓	*
44	Congo Republic (Brazaville)	Libertis/MTN	✓	*	*	*
45	Cook Islands	Telecom Cook Islands -FT Hub	✓	*	*	*
46	Costa Rica	Claro-Key2roam	✓	✓	*	*
47	Cote D'Ivoire	Atlantique Cellulaire-Key2roam	✓	✓	*	*
47	Cote D'Ivoire	Loteny Telecom/MTN	✓	✓	✓	*
47	Cote D'Ivoire	Orange (Ivoris)	✓	✓	✓	*
48	Croatia	Cronet/Croatian Telecom	✓	✓	✓	*
49	Curacao	UTS Setel-Key2roam	✓	✓	*	*
50	Cyprus	CYTA	✓	*	*	*
50	Cyprus	MTN Cyprus-Key2roam	✓	✓	*	*
51	Czech Republic	Eurotel Praha/Telefonica O2/O2 Czech Republic a.	✓	✓	✓	*
51	Czech Republic	T Mobil	✓	✓	✓	*
52	Denmark	Sonofon/Telenor	✓	✓	✓	✓
52	Denmark	Teledenmark/TDC Mobil	✓	*	*	*
52	Denmark	Telia Danmark	✓	✓	✓	*
53	Djibouti	Djibouti Telecom	✓	✓	✓	*
54	Dominica	Cable & Wireless LIME	✓	✓	✓	*
54	Dominica	Digicel	✓	✓	*	*
55	Dominican Republic	Orange Dominicana S.A./Altice Hispaniola	✓	✓	✓	*
56	East Timor	Timor Telecom-Key2roam	✓	✓	*	*
57	Egypt	Click GSM (Vodafone)	✓	✓	✓	*
57	Egypt	Etisalat Misr	✓	✓	✓	✓
57	Egypt	Mobinil/Orange Egypt	✓	✓	✓	*
58	El Salvador	Cte Telecom Personal,Claro	✓	✓	✓	*
59	Equatorial Guinea	Getesa/Orange	✓	*	*	*
59	Equatorial Guinea	MUNI S.A.	✓	*	*	*
60	Estonia	EMT/Telia Eesti AS	✓	✓	✓	*
60	Estonia	Radiolinja/Elisa	✓	✓	✓	*
61	Ethiopia	Ethio Telecom	✓	✓	*	*
62	Fiji	Digicel Fiji -FT Hub	✓	✓	✓	*
62	Fiji	Vodafone-Keyroam	✓	✓	✓	*
63	Finland	Elisa	✓	*	*	*
63	Finland	PTT Sonera/TeliaSonera	✓	✓	✓	*
63	Finland	Radiolinja AB	✓	*	*	*
64	France	Bouygues Tel	✓	✓	✓	✓
64	France	Free Mobile	✓	✓	✓	*
64	France	Orange	✓	✓	✓	✓

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			VOICE	GPRS	3G (Data)	4G/LTE (Data)
64	France	SFR	✓	✓	✓	✓
65	French Guiana	Orange Caraibes <sup>1</sup> -FT Hub	✓	✓	✓	*
66	Gabon	AIRTEL -BICS Hub	✓	✓	✓	*
66	Gabon	Atlantique Telecom (MOOV)/Libertis	✓	✓	*	*
66	Gabon	USAN (AZUR) -FT Hub	✓	*	*	*
67	Gambia	Africell Gambia Ltd.	✓	✓	✓	*
67	Gambia	Comium Gambia	✓	*	*	*
68	Georgia	Geocell	✓	✓	*	*
68	Georgia	Magticom	✓	*	*	*
69	Germany	DeTe Mobil/T-Mobile/Telekom Deutschland	✓	✓	✓	*
69	Germany	E-Plus Mobilfunk	✓	✓	*	*
69	Germany	Mannesmann Mob/Vodafone	✓	✓	✓	*
69	Germany	Viag Interkom/Telefonica O2	✓	✓	✓	*
70	Ghana	AIRTEL	✓	✓	✓	*
70	Ghana	Mobitel/Millicom/Tigo	✓	✓	*	*
70	Ghana	ONETouch/Ghana Telecom/Vodafone	✓	✓	✓	*
70	Ghana	Scancom/MTN Ghana	✓	✓	✓	*
71	Gibraltar	Gibtel	✓	*	*	*
72	Greece	Cosmote	✓	✓	✓	✓
72	Greece	Vodafone Panafon Greece	✓	✓	✓	✓
72	Greece	Stet Hellas/TIM Hellas/Wind Hellas	✓	✓	*	*
73	Grenada	Cable & Wireless LIME	✓	✓	✓	*
73	Grenada	Digicel	✓	✓	*	*
74	Guadeloupe (Desirade, Les Saintes, Marie Galante, St.Martin/St.Barthelemy)	Orange Caraibes <sup>2</sup> -FT Hub	✓	✓	✓	*
74	Guadeloupe-St. Barthelemy	UTS Setel-Key2roam	✓	✓	*	*
75	Guam	Docomo Pacific	✓	✓	*	*
76	Guatemala	Claro	✓	✓	✓	*
77	Guernsey	Guernsey Telecom/C&W/Sure (Guernsey Ltd)	✓	✓	✓	*
77	Guernsey	Jersey Telecoms/C&W/JT	✓	✓	✓	*
78	Guinea Bissau	Orange -FT Hub	✓	✓	*	*
78	Guinea Bissau	MTN -BICS Hub	✓	✓	*	*
79	Guinea Republic (Conakry)	Cellcom	✓	*	*	*
79	Guinea Republic (Conakry)	Orange -FT Hub	✓	✓	✓	*
80	Guyana	Digicel	✓	✓	✓	*
81	Haiti	Digicel	✓	✓	*	*
82	Honduras	Claro	✓	✓	✓	*
82	Honduras	Digicel Honduras -Key2roam	✓	*	*	*
83	Hong Kong	CMHK "Peoples"	✓	✓	✓	*
83	Hong Kong	CSL/HKT Ltd.	✓	✓	✓	✓
83	Hong Kong	Hutchison Tel	✓	✓	✓	*
83	Hong Kong	SmarTone Mobile	✓	✓	✓	*
84	Hungary	Pannon GSM/Telenor	✓	✓	✓	*
84	Hungary	Vodafone	✓	✓	✓	*
84	Hungary	Westel/T-Mobile/Magyar Telekom	✓	*	*	*
85	Iceland	Siminn	✓	✓	✓	*
86	India	Andhra Pradesh - AIRCEL	✓	✓	✓	*
86	India	Andhra Pradesh - JTM/BhartiAirtel	✓	✓	✓	*
86	India	Andhra Pradesh - Birta Tata/IDEA Cellular	✓	✓	✓	*
86	India	Andhra Pradesh -Tata Docomo	✓	✓	*	*
86	India	Bihar - AIRCEL	✓	✓	✓	*
86	India	Bihar - BhartiAirtel	✓	✓	✓	*
86	India	Bihar - IDEA Cellular	✓	✓	*	*
86	India	Bihar -Tata Docomo	✓	✓	*	*
86	India	BSNL	✓	✓	*	*
86	India	Chennai - AIRCEL	✓	✓	✓	*
86	India	Chennai - Skycell/BhartiAirtel	✓	✓	✓	*
86	India	Delhi - AIRCEL	✓	✓	*	*
86	India	Delhi - BhartiAirtel	✓	✓	✓	*
86	India	Delhi - IDEA Cellular	✓	✓	✓	*
86	India	Delhi - MTNL	✓	✓	✓	*
86	India	Delhi -Tata Docomo	✓	✓	*	*
86	India	Delhi - Vodafone Essar	✓	✓	✓	✓
86	India	Gujarat - AIRCEL	✓	✓	*	*
86	India	Gujarat - BhartiAirtel	✓	✓	*	*
86	India	Gujarat - IDEA Cellular	✓	✓	✓	*

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S.N.	COUNTRY	OPERATORS	ROAMING SERVICES AVAILABLE			
			POSTPAID			
			VOICE	GPRS	3G (Data)	4G/LTE (Data)
86	India	Gujarat -Tata Docomo	✓	✓	✓	*
86	India	Gujarat - Fascal/Vodafone Essar Gujrat	✓	✓	✓	✓
86	India	Haryana - AIRCEL	✓	✓	*	*
86	India	Haryana - BhartiAirtel	✓	✓	*	*
86	India	Haryana - IDEA Cellular	✓	✓	✓	*
86	India	Haryana -Tata Docomo	✓	✓	✓	*
86	India	Himachal Pradesh - AIRCEL	✓	✓	*	*
86	India	Himachal Pradesh - BhartiAirtel	✓	✓	✓	*
86	India	Himachal Pradesh - IDEA Cellular	✓	✓	✓	*
86	India	Himachal Pradesh -Tata Docomo	✓	✓	*	*
86	India	Karnataka - AIRCEL	✓	✓	✓	*
86	India	Karnataka - JTM/BhartiAirtel	✓	✓	✓	*
86	India	Karnataka - Spice/IDEA Cellular	✓	✓	*	*
86	India	Karnataka -Tata Docomo	✓	✓	✓	*
86	India	Kerala - AIRCEL	✓	✓	✓	*
86	India	Kerala - BhartiAirtel	✓	✓	*	*
86	India	Kerala - Escotel/IDEA Cellular	✓	✓	✓	*
86	India	Kerala -Tata Docomo	✓	✓	✓	*
86	India	Kerala - BPL/Loop Mobile/Vodafone Essar	✓	✓	✓	✓
86	India	Kolkata - AIRCEL	✓	✓	✓	*
86	India	Kolkata - Modi-Telstra/BhartiAirtel	✓	✓	*	*
86	India	Kolkata - Spice Cell Ltd./IDEA Cellular	✓	✓	✓	*
86	India	Kolkata -Tata Docomo	✓	✓	*	*
86	India	Kolkata - Usha Martin/Vodafone Essar	✓	✓	✓	✓
86	India	Madhya Pradesh - AIRCEL	✓	✓	*	*
86	India	Madhya Pradesh - BhartiAirtel	✓	✓	*	*
86	India	Madhya Pradesh - IDEA Cellular	✓	✓	✓	*
86	India	Madhya Pradesh -Tata Docomo	✓	✓	✓	*
86	India	Maharashtra & GOA - AIRCEL	✓	✓	*	*
86	India	Maharashtra & GOA - BhartiAirtel	✓	✓	*	*
86	India	Maharashtra & GOA - IDEA Cellular	✓	✓	✓	*
86	India	Maharashtra -Tata Docomo	✓	✓	✓	*
86	India	Maharashtra & GOA - BPL/Loop Mobile/Vodafone	✓	✓	✓	✓
86	India	Mumbai - AIRCEL	✓	✓	*	*
86	India	Mumbai - BhartiAirtel	✓	✓	✓	*
86	India	Mumbai - IDEA Cellular	✓	✓	*	*
86	India	Mumbai - BMCL/Loop Mobile	✓	✓	*	*
86	India	Mumbai - MTNL	✓	✓	*	*
86	India	Mumbai -Tata Docomo	✓	✓	*	*
86	India	Mumbai - Vodafone Essar	✓	✓	✓	✓
86	India	Orissa - AIRCEL	✓	✓	✓	*
86	India	Orissa - BhartiAirtel	✓	✓	✓	*
86	India	Orissa - IDEA Cellular	✓	✓	*	*
86	India	Orissa -Tata Docomo	✓	✓	*	*
86	India	Punjab - AIRCEL	✓	✓	✓	*
86	India	Punjab - BhartiAirtel	✓	✓	*	*
86	India	Punjab - Spice Cell Ltd./IDEA Cellular	✓	✓	✓	*
86	India	Punjab -Tata Docomo	✓	✓	✓	*
86	India	Rajasthan - AIRCEL	✓	✓	*	*
86	India	Rajasthan - OASIS/BhartiAirtel	✓	✓	✓	*
86	India	Rajasthan - IDEA Cellular	✓	✓	*	*
86	India	Rajasthan-Tata Docomo	✓	✓	✓	*
86	India	Reliance Mobile	✓	✓	*	*
86	India	RO WB -Tata Docomo	✓	✓	*	*
86	India	Tamil Nadu - AIRCEL	✓	✓	✓	*
86	India	Tamil Nadu - BhartiAirtel	✓	✓	✓	*
86	India	Tamil Nadu - IDEA Cellular	✓	✓	*	*
86	India	Tamil Nadu-Tata Docomo	✓	✓	*	*
86	India	Tamil Nadu - BPL/Loop/Vodafone Essar	✓	✓	✓	✓
86	India	UP East - AIRCEL	✓	✓	✓	*
86	India	UP East - BhartiAirtel	✓	✓	✓	*
86	India	UP East - IDEA Cellular	✓	✓	✓	*
86	India	UP East -Tata Docomo	✓	✓	*	*
86	India	UP West - AIRCEL	✓	✓	*	*
86	India	UP West - BhartiAirtel	✓	✓	✓	*

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S.N.	COUNTRY	OPERATORS	ROAMING SERVICES AVAILABLE			
			POSTPAID			
			VOICE	GPRS	3G (Data)	4G/LTE (Data)
86	India	UP West - Escotel/IDEA Cellular	✓	✓	✓	*
86	India	UP West -Tata Docomo	✓	✓	✓	*
86	India	West Bengal - AIRCEL	✓	✓	✓	*
86	India	West Bengal - BhartiAirtel	✓	✓	✓	*
86	India	West Bengal - IDEA Cellular	✓	✓	*	*
87	Indonesia	AXIS	✓	✓	*	*
87	Indonesia	Hutchison	✓	✓	✓	*
87	Indonesia	Indosat	✓	✓	✓	*
87	Indonesia	Telkomsel	✓	✓	✓	*
88	Iran	MTN Irancell	✓	✓	✓	✓
88	Iran	RighTel	✓	✓	✓	*
89	Iraq	Korek Telecom/Orange	✓	✓	✓	*
90	Ireland	Eircell/Vodafone	✓	✓	✓	✓
90	Ireland	ESAT Digifone/O2 Ireland	✓	✓	✓	*
90	Ireland	Meteor	✓	✓	✓	*
91	Isle of Man	Guernsey Telecom/C&W/Sure (Guernsey Ltd)	✓	✓	✓	*
92	Israel	Cellcom	✓	✓	✓	*
92	Israel	Partner Comms./Orange/Partner	✓	✓	✓	*
93	Italy	BLU/Wind Tel	✓	✓	✓	*
93	Italy	H3G SpA	✓	✓	✓	*
93	Italy	Telecom Italia	✓	✓	✓	✓
93	Italy	Vodafone - Omnitel	✓	✓	✓	✓
94	Jamaica	Cable & Wireless LIME	✓	✓	✓	*
94	Jamaica	Digicel	✓	✓	*	*
95	Japan	Vodafone/SoftBank Corp	✓	✓	✓	✓
96	Jersey	Guernsey Telecom/C&W/Sure (Guernsey Ltd)	✓	✓	✓	*
96	Jersey	Jersey Telecoms/C&W/JT	✓	✓	✓	*
97	Jordan	Fastlink/Zain	✓	*	*	*
97	Jordan	Orange -FT Hub	✓	✓	✓	*
97	Jordan	Umniah	✓	*	*	*
98	Kazakhstan	K'Cell	✓	✓	✓	*
98	Kazakhstan	NEO Kazakhstan-Key2roam	✓	*	*	*
99	Kenya	Kencell/Celtel/AIRTEL	✓	✓	✓	*
99	Kenya	Safaricom	✓	✓	✓	*
99	Kenya	Telkom Kenya/Orange/Telkom	✓	✓	✓	*
100	Korea Rep of (South Korea)	KT Corporation(3G Handset Needed)	✓	✓	✓	✓
100	Korea Rep of (South Korea)	SK Telecom (CDMA Handset Needed)	✓	✓	✓	*
100	Korea Rep of (South Korea)	LG Uplus (LTE DATA ONLY)	*	*	*	✓
101	Kuwait	MTC/Zain	✓	✓	✓	*
101	Kuwait	VIVA	✓	✓	✓	*
102	Kyrgyz Republic	Alfa Telecom -BICS Hub	✓	✓	*	*
102	Kyrgyz Republic	NUR Telecom LLC	✓	✓	✓	*
103	Latvia	LMT	✓	✓	✓	*
104	Lebanon	FTML/MIC1	✓	✓	✓	*
104	Lebanon	Libancell/MIC2	✓	✓	*	*
105	Lesotho	Econet Telecom	✓	✓	✓	*
105	Lesotho	Vodacom	✓	*	*	*
106	Liberia	MTN -BICS Hub	✓	✓	✓	*
106	Liberia	Comium/Novafone Inc.	✓	*	*	*
107	Liechtenstein	Orange Liecht -FT Hub	✓	*	*	*
107	Liechtenstein	Swisscom	✓	✓	✓	*
107	Liechtenstein	Tango/All Communications	✓	*	*	*
108	Lithuania	Omnitel	✓	✓	✓	*
109	Luxembourg	Orange S.A.	✓	✓	✓	✓
109	Luxembourg	P&T Luxembourg/Post Lusembourg-Key2roam	✓	✓	*	*
109	Luxembourg	Tango	✓	✓	✓	✓
110	Macau	CTM	✓	✓	✓	✓
110	Macau	Hutchison	✓	✓	*	*
110	Macau	SmarTone-Key2roam	✓	✓	*	*
111	Macedonia	T- Mobile Macedonia-Key2roam	✓	✓	✓	*
112	Madagascar	Orange	✓	✓	✓	*
112	Madagascar	Telma	✓	✓	✓	✓
112	Madagascar	Zain/AIRTEL	✓	✓	*	*
113	Malawi	AIRTEL	✓	*	*	*
113	Malawi	TNM (excl.Blackberry Services)	✓	✓	✓	*

## INTERNATIONAL ROAMING SERVICES CHART AS AT 30TH SEPTEMBER 2017

S.N.	COUNTRY	OPERATORS	ROAMING SERVICES AVAILABLE			
			POSTPAID			
			VOICE	GPRS	3G (Data)	4G/LTE (Data)
114	Malaysia	Celcom Axiata Berhad	✓	✓	*	*
114	Malaysia	DiGi Telecom	✓	✓	✓	✓
114	Malaysia	Maxis-Mobil	✓	✓	✓	✓
114	Malaysia	TMTouch	✓	✓	*	*
114	Malaysia	U Mobile	✓	✓	✓	*
115	Maldives	Dhiraagu	✓	✓	✓	*
115	Maldives	Wataniya/Ooredoo Maldives	✓	✓	✓	*
116	Mali	Ikatel/Orange	✓	✓	✓	*
117	Malta	Go Mobile	✓	✓	✓	*
117	Malta	Melita	✓	✓	✓	*
117	Malta	Vodafone	✓	✓	✓	*
118	Martinique	Orange Caraibes <sup>3</sup> -FT HUB	✓	✓	✓	*
119	Mauritania	Mauritel	✓	✓	✓	*
120	Mayotte	Orange	✓	*	*	*
120	Mayotte	SRR	✓	✓	*	*
121	Mexico	AT&T Comercialización Movil-Key2roam	✓	✓	✓	*
121	Mexico	Nextel del Mexico-Key2roam	✓	✓	✓	*
121	Mexico	Telefonica	✓	✓	✓	*
122	Moldova	Moldcell-Key2roam	✓	✓	*	*
122	Moldova	Orange	✓	✓	✓	✓
123	Monaco	Tango	✓	*	*	*
124	Mongolia	Mobicom	✓	✓	*	*
124	Mongolia	Skytel -BICS Hub	✓	✓	*	*
124	Mongolia	Unitel	✓	✓	✓	*
125	Montenegro	Crnogorski Telekom-Key2roam	✓	✓	*	*
125	Montenegro	MTEL Montenegro-Key2roam	✓	✓	*	*
126	Montserrat	Cable & Wireless LIME	✓	✓	✓	*
127	Morocco	Maroc Telecom (IAM)	✓	✓	✓	✓
127	Morocco	Medi Telecom/Orange Maroc	✓	✓	✓	✓
127	Morocco	Wana Morocco	✓	✓	✓	✓
128	Mozambique	MCEL	✓	✓	✓	*
128	Mozambique	Movitel - Viettel Hub	✓	✓	✓	*
128	Mozambique	Vodacom	✓	✓	✓	*
129	Myanmar	MPT Myanmar -FT Hub	✓	*	*	*
130	Namibia	CellOne/Leo <sup>TM</sup> /tn mobile <sup>TM</sup>	✓	✓	✓	*
130	Namibia	MTC	✓	*	*	*
131	Netherland Antilles	Telcell St Maarten-Key2roam	✓	✓	*	*
131	Netherland Antilles-Bonaire	UTS Setel-Key2roam	✓	✓	*	*
131	Netherland Antilles-Saba	UTS Setel-Key2roam	✓	✓	*	*
131	Netherland Antilles-Statia(Sint Eustatius)	UTS Setel-Key2roam	✓	✓	*	*
132	Netherlands	Libertel /vodafone & M2M	✓	✓	✓	✓
132	Netherlands	O2/Telfort B.V.	✓	✓	✓	*
132	Netherlands	PTT Netherlands/KPN	✓	✓	✓	✓
133	New Caledonia	OPT Nouvelle Caledonie -FT Hub	✓	✓	✓	*
134	New Zealand	2 Degrees NZL -BICS Hub	✓	✓	*	*
134	New Zealand	Telefonica O2 UK	✓	✓	*	*
134	New Zealand	Vodafone NZ	✓	✓	✓	*
135	Nicaragua	Claro	✓	*	*	*
136	Niger	Atlantique Telecom	✓	*	*	*
136	Niger	Orange -FT Hub	✓	✓	✓	*
137	Nigeria	CelTel/Vmobile/Econet/Zain/AIRTEL	✓	✓	✓	*
137	Nigeria	Etisalat	✓	✓	✓	*
137	Nigeria	MTN	✓	✓	✓	*
138	Norway	NetCom/Telia Norge AS	✓	✓	✓	*
138	Norway	Telenor Mobil A.S.	✓	✓	✓	✓
139	Oman	Nawras	✓	✓	✓	*
139	Oman	Omantel/Oman Mobile	✓	✓	✓	*
140	Pakistan	Warid/PMCL (JAZZ)	✓	✓	*	*
140	Pakistan	Telenor	✓	✓	✓	*
140	Pakistan	ZonG Pakistan	✓	✓	✓	*
141	Palestine	Wataniya Mobile -FT Hub	✓	*	*	*
142	Panama	Digicel	✓	✓	✓	*
143	Papua New Guinea	B Mobile - Key2roam	✓	*	*	*
143	Papua New Guinea	Digicel PNG - Key2roam	✓	*	*	*
144	Paraguay	Hola/VOX	✓	*	*	*

## INTERNATIONAL ROAMING SERVICES CHART AS AT 30TH SEPTEMBER 2017

S.N.	COUNTRY	OPERATORS	ROAMING SERVICES AVAILABLE			
			POSTPAID			
			VOICE	GPRS	3G (Data)	4G/LTE (Data)
144	Paraguay	Nucleo-Key2roam	✓	✓	*	*
144	Paraguay	Telecel (TIGO)	✓	✓	✓	*
145	Peru	ENTEL Peru S.A.- Key2roam	✓	✓	✓	*
146	Philippines	Globe Telecom	✓	✓	✓	*
146	Philippines	Smart Comms.	✓	✓	*	*
147	Poland	ERA/PTC/T-Mobile	✓	✓	✓	✓
147	Poland	Polkomtel/Plus GSM	✓	*	*	*
147	Poland	PTK Centertel/Orange Polska S.A	✓	✓	✓	*
148	Portugal	Optimus/Orange/NOS Comunicações S.A.-FT Hub	✓	✓	✓	*
148	Portugal	Telecel/Vodafone	✓	✓	✓	✓
148	Portugal	TMN/MEO	✓	✓	*	*
149	Puerto Rico	Claro	✓	✓	✓	✓
150	Qatar	Qatar Telecom (QTel)/Ooredoo	✓	✓	✓	*
150	Qatar	Vodafone Qatar-Key2roam	✓	✓	*	*
151	Reunion	Orange	✓	✓	✓	*
151	Reunion	Outremer Telecom	✓	✓	✓	*
151	Reunion	SRR**	✓	✓	*	*
152	Romania	Connex/Vodafone	✓	✓	✓	✓
152	Romania	Orange	✓	✓	✓	✓
152	Romania	RCS & RDS Romania	✓	✓	*	*
153	Russia	Dontelecom/MTS	✓	*	*	*
153	Russia	KB Impuls/Vimpelcom	✓	*	*	*
153	Russia	LLC Ekaterinburg-Motiv-Key2roam	✓	*	*	*
153	Russia	MTS PJSC	✓	✓	✓	*
153	Russia	North-West GSM/Megafon	✓	✓	✓	✓
153	Russia	Stavtelesot	✓	*	*	*
154	Rwanda	MTN RwandaCell	✓	✓	✓	*
155	Samoa	Digicel	✓	✓	*	*
156	Sao Tome & Principe	CST	✓	*	*	*
157	Satellite Mobile	AeroMobile AS Norway	✓	*	*	*
157	Satellite Mobile	OnAir Switzerland Sarl	✓	✓	*	*
158	Saudi Arabia	Etihad Etisalat/Mobily	✓	✓	✓	✓
158	Saudi Arabia	STC	✓	✓	✓	*
158	Saudi Arabia	ZAIN Saudi Arabia	✓	✓	✓	*
159	Senegal	Expresso -BICS Hub	✓	✓	*	*
159	Senegal	Sentel/Tigo	✓	✓	*	*
159	Senegal	Sonatel/Orange	✓	✓	✓	*
160	Serbia (ex-Yugoslavia)	Telenor Serbia (ex-Mobtel)	✓	✓	✓	*
160	Serbia (ex-Yugoslavia)	Telecom Srbija -BICS Hub	✓	✓	*	*
161	Seychelles	AIRTEL	✓	✓	✓	*
161	Seychelles	Cable & Wireless	✓	✓	✓	✓
162	Sierra Leone	Africell	✓	✓	✓	*
162	Sierra Leone	AIRTEL	✓	✓	✓	*
162	Sierra Leone	Comium	✓	*	*	*
163	Singapore	Mobileone/M1 Limited	✓	✓	✓	✓
163	Singapore	Singtel	✓	✓	✓	*
163	Singapore	Starhub	✓	✓	✓	✓
164	Slovak Rep	Eurotel Bratislava/T-Mobile/Slovak Telekom	✓	✓	*	*
164	Slovak Rep	O2	✓	*	*	*
164	Slovak Rep	Orange Slovensko	✓	✓	✓	*
165	Slovenia	Telekom Slovenije d.d..	✓	✓	✓	*
165	Slovenia	Tusmobil/Telemach Mobil	✓	✓	✓	*
166	South Africa	Cell C	✓	✓	✓	*
166	South Africa	MTN	✓	✓	✓	*
166	South Africa	Telkom South Africa	✓	✓	✓	*
166	South Africa	Vodacom	✓	✓	✓	✓
167	Spain	Orange	✓	✓	✓	✓
167	Spain	Telefonica Moviles	✓	✓	✓	*
167	Spain	Vodafone NZ	✓	✓	✓	✓
167	Spain	Xfera Móviles	✓	✓	✓	*
168	Sri Lanka	Bharti Airtel -FT Hub	✓	✓	✓	*
168	Sri Lanka	Etisalat	✓	✓	✓	*
168	Sri Lanka	Hutchison	✓	✓	*	*
168	Sri Lanka	Mobitel	✓	✓	✓	*
168	Sri Lanka	MTN/Dialog Telekom/Dialog Axiata PLC	✓	✓	✓	✓

## INTERNATIONAL ROAMING SERVICES CHART AS AT 30TH SEPTEMBER 2017

S.N.	COUNTRY	OPERATORS	ROAMING SERVICES AVAILABLE			
			POSTPAID			
			VOICE	GPRS	3G (Data)	4G/LTE (Data)
169	St. Kitts & Nevis	Cable & Wireless LIME	✓	✓	✓	*
169	St. Kitts & Nevis	Digicel	✓	✓	*	*
169	St. Kitts & Nevis	UTS Setel-Key2roam	✓	✓	*	*
170	St. Lucia	Cable & Wireless LIME	✓	✓	✓	*
170	St. Lucia	Digicel	✓	✓	*	*
171	St. Martin/Sint Maarten	UTS Setel-Key2roam	✓	✓	*	*
172	St. Pierre & Miquelon	SPM Telecom -FT Hub	✓	*	*	*
173	St. Vincent & The Grenadines	Cable & Wireless LIME	✓	✓	✓	*
173	St. Vincent & The Grenadines	Digicel	✓	✓	*	*
174	Sudan	Bashair Telecom/Areeba/MTN Sudan	✓	*	*	*
174	Sudan	Sudanese Mobile Tel/MobiTel/ZAIN	✓	✓	✓	*
175	Sudan Southern	MTN -BICS Hub	✓	*	*	*
175	Sudan Southern	Vivacell	✓	*	*	*
175	Sudan Southern	ZAIN -BICS Hub	✓	✓	*	*
176	Suriname	Digicel	✓	✓	*	*
177	Swaziland	MTN Swaziland	✓	✓	✓	*
178	Sweden	Comviq Tele2 AB	✓	✓	✓	*
178	Sweden	Europolitain/Telenor	✓	✓	✓	✓
178	Sweden	Telia Sonera Mobile AB	✓	✓	✓	*
179	Switzerland	Orange Comm./Salt Mobile SA	✓	✓	✓	✓
179	Switzerland	Sunrise	✓	✓	✓	*
179	Switzerland	Swisscom	✓	✓	✓	*
180	Taiwan	Chunghwa	✓	✓	✓	*
180	Taiwan	KG Telecom/Far EasTone	✓	✓	✓	✓
180	Taiwan	Pacific/Taiwan Mobile	✓	*	*	*
180	Taiwan	Taiwan Star	✓	✓	✓	✓
181	Tajikistan	TCELL - Key2roam	✓	*	*	*
181	Tajikistan	TCELL North Somoncom - Key2roam	✓	*	*	*
182	Tanzania	CelTel/AIRTEL	✓	✓	✓	*
182	Tanzania	Mobitel/MIC Tanzania Ltd	✓	*	*	*
182	Tanzania	Smart Tanzania -BICS Hub	✓	*	*	*
182	Tanzania	Tritel	✓	*	*	*
182	Tanzania	Vodacom	✓	✓	✓	*
182	Tanzania	Zantel	✓	✓	*	*
183	Thailand	AIS	✓	✓	✓	*
183	Thailand	TAC	✓	✓	*	*
183	Thailand	Trinet (DTAC)-Keyroam	✓	✓	*	*
183	Thailand	True Move H	✓	✓	*	*
184	Togo	MOOV -Key2roam	✓	✓	*	*
184	Togo	Togo Cellulaire	✓	*	*	*
185	Tonga	Digicel	✓	✓	*	*
186	Trinidad & Tobago	Digicel	✓	✓	✓	*
187	Tunisia	Orange -FT Hub	✓	✓	✓	*
187	Tunisia	Tunisie Telecom	✓	✓	✓	*
188	Turkey	AVEA/Turk Telecom	✓	*	*	*
188	Turkey	Telsim/Vodafone	✓	✓	✓	*
188	Turkey	Turkcell	✓	✓	✓	*
189	Turkmemistan	Altyn Asyr (TM Cell)-Key2roam	✓	*	*	*
189	Turkmemistan	BCTI (MTS)	✓	*	*	*
190	Turks & Caicos Islands	Cable & Wireless LIME	✓	✓	✓	*
190	Turks & Caicos Islands	Digicel	✓	✓	*	*
191	UAE	DU	✓	✓	✓	✓
191	UAE	Etisalat	✓	✓	✓	✓
191	UAE	Thuraya	✓	*	*	*
192	Uganda	CelTel/Zain/AIRTEL	✓	✓	✓	*
192	Uganda	MTN	✓	✓	✓	*
192	Uganda	Orange	✓	✓	✓	*
192	Uganda	Smart Uganda -BICS Hub	✓	✓	*	*
192	Uganda	Telecel/Uganda Telecom (UTL)	✓	✓	✓	*
193	UK	O2/Telefonica Uk Ltd	✓	✓	✓	*
193	UK	Orange	✓	✓	✓	*
193	UK	T- Mobile/Everything Everywhere Ltd	✓	✓	✓	✓
193	UK	Vodafone	✓	✓	✓	✓
194	Ukraine	Astelit	✓	*	*	*
194	Ukraine	Kyivstar	✓	✓	*	*

## INTERNATIONAL ROAMING SERVICES CHART AS AT 30TH SEPTEMBER 2017

S.N.	COUNTRY	OPERATORS	ROAMING SERVICES AVAILABLE			
			POSTPAID			
			VOICE	GPRS	3G (Data)	4G/LTE (Data)
194	Ukraine	MTS	✓	✓	✓	*
195	Uruguay	ANTEL	✓	✓	✓	*
196	USA	AT&T	✓	✓	✓	✓
196	USA	Cincinnati Bell Wireless (CBW)	✓	✓	*	*
196	USA	Indigo Wireless -BICS Hub	✓	✓	*	*
196	USA	TELNA	✓	✓	✓	*
196	USA	Union Telephone Company	✓	✓	*	*
196	USA	Voicestream/T-Mobile	✓	✓	✓	✓
197	Uzbekistan	Unitel LLC	✓	✓	✓	*
198	Vanuatu	Digicel Vanuatu -FT Hub	✓	✓	✓	*
198	Vanuatu	VTL Vanuatu -FT Hub	✓	✓	✓	*
199	Vietnam	GTEL Mobile(Beeline)	✓	✓	*	*
199	Vietnam	Vietnamobile - Key2roam	✓	✓	*	*
199	Vietnam	Vinaphone - Key2roam	✓	✓	*	*
199	Vietnam	VMS MobiFone	✓	✓	✓	*
200	Yemen	Spacotel	✓	*	*	*
201	Zambia	CellZ (ZAMTEL)	✓	✓	✓	*
201	Zambia	Celtel/Zain/AIRTEL	✓	*	*	*
201	Zambia	Telecel/MTN	✓	✓	✓	*
202	Zimbabwe	Econet	✓	✓	✓	*
202	Zimbabwe	NET-One	✓	✓	✓	*
202	Zimbabwe	Telecel Zimbabwe	✓	✓	✓	*
TOTAL			541	469	332	68

✓	Available
*	Not Available