



Country	Operator	Cellular Technologies
Afghanistan	MTN Afghanistan	2G 3G
Albania	Eagle Mobile	2G 3G 4G
Albania	Vodafone Albania Sh.A	2G 3G 4G
Algeria	ATM Mobilis	2G 3G 4G
Algeria	Orascom Telecom Algerie SPA	2G 3G 4G
Angola	Angola Unitel	2G 3G
Argentina	Movistar	2G 3G 4G LTE-M
Armenia	VEON Armenia CJSC	2G 3G 4G
Armenia	Orange Armenia CJSC	2G 3G 4G
Australia	Telstra Australia Ltd	4G LTE-M
Australia	Optus Mobile Pty Ltd	4G
Austria	T-mobile Austria Gmbh	2G 3G
Austria	Hutchison Drei Austria GmbH	2G 3G 4G
Austria	Mobilkom Austria AG	2G 3G 4G
Austria	Mobilkom Austria AG	2G 3G 4G
Austria	Hutchison Drei Austria GmbH	2G 3G 4G
Azerbaijan	Bakcell Llc	2G 3G 4G
Azerbaijan	Azercell Telekom MMC	2G 3G
Bahamas	BE ALIV Ltd.	3G 4G
Bahamas	The Bahamas Telecommunications Company Limited	2G 3G
Bahrain	Bahrain Telecommunications Company (BATELCO)	4G
Bahrain	Zain (Bahrain) B.S.C. (zain BH)	2G 3G
Bangladesh	GrameenPhone Ltd	2G 3G
Bangladesh	ROBI Axiata Limited	2G 3G 4G
Belarus	MDC VELCOM	2G 3G 4G
Belarus	Belarusian Telecommunications Network CJSC	2G 3G 4G
Belgium	Proximus-- Societe Anonyme de Droit Public (mobile)	2G 3G 4G
Belgium	Proximus-- Societe Anonyme de Droit Public (mobile)	2G 3G 4G
Belgium	Telenet Group SPRL	2G 3G
Belgium	Orange Belgium nv/sa	2G 3G 4G LTE-M
Belize	Speednet	3G 4G
Belize	Belize Telecommunications Ltd.	2G 3G 4G
Benin	MTN Benin	2G 3G
Benin	ETISALAT BENIN SA	2G 3G 4G
Bermuda	Cellular One Bermuda	2G 3G 4G
Bhutan	Bhutan Telecom Ltd.	2G 3G 4G
Bhutan	TashiCell	2G 3G 4G
Bolivia	Nuevatel PCS de Bolivia S.A.	2G 3G 4G
Bolivia	Telefonica de Bolivia S.A.	2G 3G 4G
Bosnia And Herzegovina	BH Telecom-- Joint Stock Company	2G 3G 4G
Botswana	Mascom Wireless Botswana (Pty) Ltd.	2G 3G
Botswana	Orange Botswana (pty)Ltd	2G 3G 4G
Brunei	DST Communications Sdn.Bhd	2G 3G 4G
Brunei	Progressif Cellular Sdn Bhd	2G 3G
Bulgaria	Mobiltel EAD	2G 3G 4G
Bulgaria	Telenor Bulgaria EAD	2G 3G
Bulgaria	Mobiltel EAD	2G 3G 4G 5G
Bulgaria	Telenor Bulgaria EAD	2G 3G 4G
Burkina Faso	Orange Burkina Faso S.A.	2G 3G
Burkina Faso	Office national des telecommunications (ONATEL)	2G 3G
Burundi	Econet Leo SA	2G 3G
Burundi	LACELL S.U.	2G 3G
Cambodia	METFONE	2G 3G 4G

Cambodia	Smart Axiata Co.-- Ltd.	2G 3G 4G
Cameroon	Cameroon Orange	2G 3G 4G
Cameroon	MTN Cameroon	2G 3G 4G
Canada	Bell Mobility Canada	3G 4G LTE-M
Canada	Rogers Communications Canada Inc	2G 3G 4G LTE-M
Cape Verde	Unitel T+ Telecomunicacoes-- SA	2G 3G 4G
Cape Verde	CV MOVEL	2G 3G 4G
Cape Verde	CV MOVEL	2G 3G
Central African Republic	ATLANTIQUE TELECOM CENTRAFRIQUE SA	2G 3G
Central African Republic	Orange Centrafrique	2G 3G
Chad	Celtel Tchad	2G 3G 4G
Chad	Millicom Chad	2G 3G 4G
Chile	Telefonica Movil	2G 3G 4G
Chile	Entel PCS Telecomunicaciones S.A	2G 3G 4G
China	China Mobile Communications Corporation	2G 3G 4G
China	China United Network Communications Corporation Ltd	2G 3G 4G
Colombia	COLOMBIA TELECOMUNICACIONES S.A. ESP	2G 3G 4G
Colombia	INFRACEL SA	2G 3G 4G
Congo	Airtel Congo SA	2G 3G
Congo	MTN Congo Brazzaville	2G 3G
Congo	Airtel Congo SA	2G 3G 4G
Costa Rica	TELEFONICA COSTA RICA	2G 3G 4G
Costa Rica	CLARO CR Telecomunicaciones S.A.	3G 4G
Croatia	Vipnet	2G 3G 4G
Croatia	Vipnet	2G 3G 4G
Croatia	TELE2	2G 3G 4G
Cyprus	MTN Cyprus	2G 3G
Cyprus	Cyprus Telecommunications Authority	2G 3G 4G
Cyprus	Cyprus Telecommunications Authority	2G 3G 4G
Cyprus	MTN Cyprus	2G 3G 4G 5G
Czech Republic	O2 Czech Republic a.s.	2G 3G 4G
Czech Republic	O2 Czech Republic a.s.	2G 4G
Czech Republic	Vodafone Czech Republic-- a.s.	2G 3G 4G
Czech Republic	Vodafone Czech Republic-- a.s.	2G 3G 4G
Democratic Republic Of The Congo	Africell RDC SA	2G 3G
Democratic Republic Of The Congo	Airtel CONGO RDC SA	2G 3G
Democratic Republic Of The Congo	Orange SA	2G 3G 4G
Democratic Republic Of The Congo	Airtel CONGO RDC SA	2G 3G 4G
Democratic Republic Of The Congo	Orange SA	2G
Denmark	TDC A/S	2G 3G 4G
Denmark	TDC A/S	2G 3G 4G
Denmark	Telenor A/S	2G 3G 4G
Denmark	Telia Danmark	2G 3G 4G LTE-M
Denmark	Hi3G	3G 4G
Djibouti	Djibouti Telecom S.A.	2G 3G 4G
Dominican Republic	ALTICE Dominicana sa	2G 3G 4G
Dominican Republic	Compania Dominicana de Telefonos S.A	2G 3G 4G
Ecuador	OTECCEL S.A	2G 3G 4G
Ecuador	Ecuador - Porta	2G 3G 4G
Egypt	Vodafone Egypt Telecommunications S.A.E.	2G 3G 4G
Egypt	Orange Egypt for Telecommunications	2G 3G 4G
El Salvador	DIGICEL S.A. de C.V.	2G 3G 5G
El Salvador	El Salvador Telefonica	2G 3G
Equatorial Guinea	MUNI S.A.	2G 3G
Estonia	Tele2 Eesti AS	2G 3G 4G
Estonia	Tele2 Eesti AS	2G 3G
Estonia	Estonia EMT	3G 4G
Estonia	Elisa Eesti AS	2G 3G 4G NB-IOT
Estonia	Estonia EMT	2G 3G 4G 5G
Estonia	Elisa Eesti AS	2G 3G 4G
Faroe Islands	Faroese Telecom	2G 3G 4G

Fiji	Vodafone Fiji Limited	2G 3G 4G
Fiji	Digicel Fiji Limited	2G 3G 4G
Finland	DNA Plc	2G 3G 4G LTE-M
Finland	Elisa Oyj	2G 3G 4G 5G LTE-M
Finland	Telia Carrier Finland Oy	2G 3G 4G
Finland	Elisa Oyj	2G 3G 4G LTE-M
Finland	Alands Telekommunikation Ab	2G 3G 4G
Finland	Telia Carrier Finland Oy	2G 3G 4G 5G LTE-M
France	BOUYGUES TELECOM France	2G 3G 4G
France	Societe Francaise du Radiotelephone -SFR sa	2G 3G 4G
France	Societe Francaise du Radiotelephone -SFR sa	2G 3G 4G
France	Societe Francaise du Radiotelephone -SFR sa	2G 3G 4G NB-IOT
France	Orange	2G 3G 4G LTE-M
French Guiana	Outremer Telecom	2G 3G 4G
French Guiana	Digicel Mobile Antilles	2G 3G 4G
French Guiana	Digicel Mobile Antilles	2G 3G 4G
French Guiana	Outremer Telecom	2G 3G 4G
French Polynesia	Vini S.A.S.	2G 3G 4G
French Polynesia	Pacific Mobile Telecom SAS	2G 3G 4G
Gabon	Libertis sa	2G 3G 4G
Gabon	ZAIN GABON SA	2G 3G 4G
Gambia	AFRICELL	2G 3G 4G
Gambia	QCEL	2G 3G 4G
Georgia	Veon Georgia LLC	2G 3G 4G
Georgia	Geocell	2G 3G 4G
Germany	Telefonica Germany GmbH & Co. OHG	2G 3G 4G
Germany	Vodafone GmbH	2G 3G 4G 5G NB-IOT
Germany	Vodafone GmbH	2G 3G 4G
Germany	Telekom Deutschland GmbH	2G 3G
Germany	Telefonica Germany GmbH & Co. OHG	2G 3G 4G
Ghana	Ghana Telecommunications Company Limited	2G 3G 4G
Ghana	MTN Ghana	2G 3G 4G
Gibraltar	Gibtelecom Ltd.	2G 3G 4G
Gibraltar	Gibtelecom Ltd.	2G 3G 4G
Greece	Vodafone Panafon Telecommunications Comp SA	2G 3G 4G
Greece	Vodafone Panafon Telecommunications Comp SA	2G 3G 4G
Greece	Wind Hellas Telecommunications sa	2G 3G 4G
Greece	Wind Hellas Telecommunications sa	2G 3G 4G
Greenland	Tele Greenland A/S	2G 3G
Guatemala	Sercom - Guatemala	2G 3G 4G
Guernsey	Sure (Guernsey) Limited	2G 3G 4G
Guinea	MTN Guinea Conakry	2G 3G
Guyana	Digicel Guyana	2G 3G
Haiti	Communication Cellulaire dHaiti SA	2G
Honduras	Servicios De Comunicaciones De Honduras S A De C V	2G 3G 4G
Hong Kong	HGC Global Communications Limited	2G 3G 4G
Hong Kong	CSL Limited	2G 3G 4G
Hong Kong	SmarTone Mobile Communications Ltd	2G 3G 4G
Hungary	Pannon GSM	2G 3G 4G
Hungary	Pannon GSM	2G 3G 4G
Hungary	Vodafone	2G 3G 4G
Hungary	Vodafone	2G 3G 4G
Iceland	Siminn	2G 3G
Iceland	Syn hf	2G 3G 4G
Iceland	Syn hf	2G 3G 4G
Iceland	Siminn hf.	2G 3G 4G
Iceland	Siminn hf.	2G 3G 4G LTE-M
India	Vodafone South LTD	2G 3G 4G
India	Vodafone Idea Limited	2G 3G 4G
Indonesia	PT XL Axiata Tbk	2G 3G 4G
Indonesia	PT. Hutchison 3 Indonesia	2G 3G 4G

Indonesia	PT INDOSAT Tbk	2G 3G 4G
Iran	Irancell Telecommunication Service Co.	2G 3G 4G
Iran	Telecommunication Infrastructure Company (TIC)	2G 3G 4G
Iraq	Asiacell Communications L.L.C.	2G 3G
Ireland	Hutchison 3G Ireland Ltd	2G 3G 4G
Ireland	Vodafone Ireland Ltd.	2G 3G 4G
Ireland	Hutchison 3G Ireland Ltd	2G 3G 4G
Ireland	Meteor Mobile Communications Ltd.	2G 3G 4G
Israel	Hot Mobile Ltd	3G 4G
Israel	Cellcom Israel(GSM)	-
Israel	Partner Communications Company Ltd.	2G 3G 4G
Italy	Iliad Italia S.p.A	3G 4G
Italy	Italia TIM	2G 3G 4G 5G
Italy	Wind Tre S.p.A.	3G
Italy	Vodafone Italia S.p.A	2G 3G 4G
Italy	Wind Tre S.p.A.	2G 3G 4G
Italy	Vodafone Italia S.p.A	2G 3G 4G NB-IOT
Italy	Wind Tre S.p.A.	2G 3G 4G
Italy	Wind Tre S.p.A.	2G 3G 4G
Italy	Wind Tre S.p.A.	2G 3G
Ivory Coast	Orange Ivory Coast	2G 3G 4G
Ivory Coast	MTN Ivory Coast	2G 3G 4G
Jamaica	Cable and Wireless (West Indies) Ltd.	2G 3G 4G
Jamaica	Digicel (Jamaica) Limited	2G 3G 4G
Japan	KDDI Corporation	4G
Japan	Softbank Corp	2G 3G 4G
Japan	NTT DOCOMO	2G 3G 4G
Jersey	JT (Jersey) Ltd	2G 3G 4G
Jordan	PELLA telecommunications Ltd.	2G 3G 4G
Jordan	Umniah Mobile Company	2G 3G 4G
Kenya	Safaricom Limited	2G 3G 4G
Kenya	Airtel Networks Kenya Ltd.	2G 3G 4G
Kenya	Airtel Networks Kenya Ltd.	2G 3G
Kuwait	"Mobile Telecommunications Company ""ZAIN""	2G 3G 4G
Kuwait	Kuwait Telecom Company	2G 3G 4G
Kyrgyzstan	Alfa Telecom CJSC	2G 3G 4G
Kyrgyzstan	Sky Mobile LLC	2G 3G 4G
Laos	ETL Company Ltd.	2G 3G 4G
Laos	VimpelCom Lao Co.-- Ltd	2G 3G
Laos	Lao Telecom Company	2G 3G 4G
Latvia	SIA Tele2	2G 3G
Latvia	BITE Latvija SIA	2G 3G 4G
Latvia	Latvijas Mobilais Telefons	2G 3G 4G
Latvia	SIA Tele2	2G 3G 4G 5G
Latvia	Latvijas Mobilais Telefons	2G 3G 4G
Latvia	BITE Latvija SIA	2G 3G 4G
Lesotho	VODACOM	2G 3G 4G
Liberia	Lonestar Communication Corporation	2G 3G
Liberia	Orange Liberia	2G 3G
Liechtenstein	Mobilkom	2G 3G 4G
Liechtenstein	Mobilkom	2G 3G
Liechtenstein	Salt (Liechtenstein) AG	2G 3G 4G
Lithuania	Tele2 UAB	2G 3G
Lithuania	UAB Bite Lietuva	2G 3G 4G
Lithuania	UAB Bite Lietuva	2G 3G 4G
Lithuania	Telia Lietuva AB	2G 3G 4G 5G
Lithuania	Tele2 UAB	2G 3G 4G
Lithuania	Telia Lietuva AB	2G 3G 4G
Luxembourg	Orange Communications Luxembourg SA	2G 3G 4G
Luxembourg	POST Luxembourg	2G 3G 4G LTE-M
Luxembourg	Tango SA	2G 3G 4G

Luxembourg	POST Luxembourg	2G 3G 4G
Luxembourg	Tango SA	2G 3G 4G 5G
Macao	Companhia de Telecomunicacoes de Macau SARL	2G 3G 4G
Macao	Hutchison	4G
Macedonia	VIP Operator Dooel Skopje	2G 3G 4G
Madagascar	Airtel Madagascar	2G 3G 4G
Madagascar	Orange Madagascar	2G 3G 4G
Malawi	Zain Malawi Ltd.	2G 3G
Malaysia	Maxis Mobile Services Sdn Bhd	2G 3G 4G
Malaysia	Celcom Axiata Bhd	2G 3G 4G
Malaysia	U Mobile SDN.BHD.	4G
Malaysia	Digi Telecommunications Sdn Bhd	2G 3G 4G
Mali	ORANGE MALI SA	2G 3G 4G
Mali	ORANGE MALI SA	2G 3G 4G
Mali	Societe des telecommunications du Mali (SOTELMA)	2G
Malta	Vodafone Malta Ltd.	2G 3G 4G
Malta	Vodafone Malta Ltd.	2G 3G 4G
Malta	GO MOBILE Communication	2G 3G 4G
Mauritania	Mauritel	2G 3G
Mauritius	Emtel Ltd.	2G 3G 4G
Mauritius	Mahanagar Telephone (Mauritius) Ltd	2G 3G
Mexico	Movistar Mexico	2G 3G 4G
Mexico	Mexico Telcel	2G 3G 4G LTE-M
Moldova	JVC Moldcell JSC	2G 3G 4G
Moldova	Mold Telecom	3G 4G
Monaco	Monaco Telecom International	2G 3G 4G 5G
Monaco	Monaco Telecom International	2G 3G 4G
Mongolia	Skytel Mongolia	2G 3G 4G
Mongolia	Mongolia Mobicom	2G 3G 4G
Montenegro	T-Mobile Montenegro	2G 3G 4G
Montenegro	Telenor Ilc Podgorica	2G 3G 4G
Morocco	WANA Corporate SA	2G 3G 4G
Morocco	ITISSALAT AL MAGHRIB S.A.	-
Morocco	Medi Telecom SA	2G 3G 4G
Mozambique	Vodacom Mozambique (VM-- SA)	2G 3G
Mozambique	MOVITEL-- SA	2G 3G 4G
Myanmar	OOREDoo MYANMAR	2G 3G 4G
Myanmar	Myanma Posts and Telecommunications	2G 3G 4G
Myanmar	Telenor Myanmar Company Limited	2G 3G 4G
Namibia	Powercom (Pty) Limited	2G 3G
Namibia	Powercom (Pty) Limited	2G 3G
Nepal	Nepal Doorsanchar Company Ltd.	2G 3G 4G
Nepal	Spice Nepal	2G 3G 4G
Netherlands	KPN Mobile BV	2G 3G 4G
Netherlands	Vodafone Libertel BV	2G 4G 5G NB-IOT LTE-M
Netherlands	Vodafone Libertel BV	2G 3G 4G LTE-M
Netherlands	T-Mobile Netherlands B.V.	2G 3G
Netherlands	KPN Mobile BV	2G 3G 4G
Netherlands Antilles	Digicel Antilles	2G 3G 4G
Netherlands Antilles	Telcell N.V. ANTTC	4G
New Zealand	Two Degrees Mobile Limited	2G 3G 4G
New Zealand	Spark New Zealand Trading Limited	2G 3G 4G
Nicaragua	Telefonica Moviles-- Movistar	2G 3G 4G
Nicaragua	Empresa Nicaraguense de Telecom. Internacionales	2G 3G 4G
Nigeria	Airtel Networks Ltd.	2G 3G 4G
Nigeria	Emerging Markets Telecommunication Services Ltd.	2G 3G 4G
Norway	TeliaSonera Norge AS	2G 3G 4G
Norway	TELENOR Global Services AS	2G 3G 4G LTE-M
Norway	Telia Norge AS	2G
Norway	TeliaSonera Norge AS	2G 3G 4G 5G LTE-M
Oman	Omani-Qatari Telecommunication Co (Nawras)	2G 3G 4G

Oman	Oman Telecommunication Company (S.A.O.G.)	2G 3G 4G
Pakistan	Pakistan Mobile Communications Limited (PMCL)	2G 3G
Pakistan	Telenor Pakistan	2G 3G 4G
Palestine	JAWALL	2G 3G
Panama	Panama Digicel	3G 4G
Panama	Telefonica Moviles-- Movistar	2G 3G 4G
Papua New Guinea	BMobile Limited	2G
Papua New Guinea	Digicel (PNG) Limited	2G 3G 4G
Paraguay	Telecel S.A.	2G 3G
Paraguay	AMX Paraguay Sociedad Anonima-- CTI Movil	2G 3G 4G
Peru	Telefonica del Peru S.A	2G 3G 4G
Philippines	Globe Telecom-- Inc.	2G 3G 4G
Philippines	SMART COMMUNICATIONS	2G 3G 4G
Poland	Polkomtel SP. Z O.O.	2G 3G 4G
Poland	Orange Polska S.A.	2G 3G
Poland	Orange Polska S.A.	2G 3G 4G 5G LTE-M
Poland	Polkomtel SP. Z O.O.	2G 3G 4G 5G
Portugal	Vodafone Portugal-- Comunicacoes Pessoais S.A.	2G 3G 4G
Portugal	NOS Comunicacoes sa	2G 3G 4G
Portugal	MEO - Servicos de Comunicacoes e Multimedia-- S.A.	2G 3G 4G
Portugal	NOS Comunicacoes sa	2G 3G 4G
Portugal	MEO - Servicos de Comunicacoes e Multimedia-- S.A.	2G 3G 4G
Qatar	Vodafone Qatar Q.S.C.	2G 3G
Qatar	Ooredoo Q.P.S.C.	2G 3G 4G
Reunion	Societe Reunionnaise du Radiote l phone	2G 3G 4G
Reunion	Societe Reunionnaise du Radiote l phone	2G 3G 4G
Romania	Orange Romania SA	2G 3G 4G
Romania	Vodafone Romania SA	2G 3G 4G
Romania	Orange Romania SA	2G 3G 4G LTE-M
Romania	Vodafone Romania SA	2G 3G 4G 5G
Russia	PJSC Vimpel-Communication Vimpelcom	2G 3G 4G
Russia	MTS PJSC	2G 3G 4G
Russia	MTS PJSC	2G 3G 4G NB-IOT
Rwanda	MTN Rwandacell Ltd.	2G 3G 4G
Rwanda	Airtel Rwanda Ltd.	2G 3G
Sao Tome And Principe	Unitel STP Sarl	2G 3G
Saudi Arabia	ZAIN KSA	2G 3G 4G
Saudi Arabia	Saudi Telecom Company	2G 3G 4G
Senegal	Orange Sonatel SA	2G 3G 4G
Senegal	Sentel gsm SA (TIGO)	2G 3G 4G
Serbia	Telekom Srbija a.d.	2G 3G 4G
Seychelles	Telecom Seychelles Ltd	2G 3G 4G
Sierra Leone	Africell	2G 3G 4G
Sierra Leone	Airtel (SL) Ltd	2G 3G
Singapore	Singtel Mobile Singapore Pte Ltd	3G 4G LTE-M
Singapore	StarHub Ltd	2G 3G 4G
Slovakia	O2 Slovakia-- s.r.o.	2G 3G 4G
Slovakia	Orange Slovensko	2G 3G 4G LTE-M
Slovakia	O2 Slovakia-- s.r.o.	2G 3G
Slovakia	Orange Slovensko	2G 3G
Slovenia	A1 Slovenija d.d.	2G 3G 4G
Slovenia	Telemach-- sirokopasovne komunikacije d.o.o	2G 3G 4G
Slovenia	Mobitel	2G 3G 4G
Slovenia	Mobitel	2G 3G 4G
South Africa	Vodacom(Pty)Ltd.	2G 3G 4G
South Africa	Mobile Telephone Networks (Pty) Ltd.	2G 3G 4G
South Korea	KT Corporation	2G 3G 4G
South Korea	SK Telecom	2G 3G 4G
South Sudan	MTN South Sudan	2G 3G
Spain	Telefonica de Espana S.A.U.	2G 3G 4G
Spain	Vodafone Espana S.A.U.	2G 3G 4G

Spain	Orange Espagne S.A.U.	2G 3G 4G
Spain	Vodafone Espana S.A.U.	2G 3G 4G NB-IOT
Spain	Xfera Moviles-- S.A	2G 3G 4G
Spain	Orange Espagne S.A.U.	2G 3G 4G
Spain	Telefonica de Espana S.A.U.	2G 3G 4G
Sudan	MTN Sudan	2G 3G 4G
Suriname	Digicel	2G 3G
Suriname	TELECOMMUNICATIEBEDRIJF SURINAME	2G 3G
Swaziland	MTN Swaziland	2G 3G
Swaziland	Swazi Mobile Ltd	2G 3G
Sweden	Tele2 Sverige AB XX1149	2G 3G 4G 5G LTE-M
Sweden	Telia Sonera Mobile Networks AB	2G 3G 4G
Sweden	Telia Sonera Mobile Networks AB	2G 3G 4G LTE-M
Sweden	Telenor Sverige AB	2G 3G 4G
Sweden	Tele2 Sverige AB XX1149	2G 3G
Sweden	Hi3G Access AB	3G 4G
Switzerland	Sunrise Communications AG	2G 3G 4G NB-IOT
Switzerland	Salt Mobile SA	2G 3G 4G
Switzerland	Sunrise Communications AG	2G 3G 4G 5G LTE-M
Taiwan	Far Eastone Telecommunications Co. Ltd.	2G 3G 4G 5G NB-IOT
Taiwan	Far Eastone Telecommunications Co. Ltd.	2G 3G 4G
Taiwan	Chunghwa Telecom Co.-- Ltd.-- Mobile	2G 3G 4G LTE-M
Tajikistan	Babilon Mobile	2G 3G 4G
Tanzania	Airtel Tanzania Limited	2G 3G
Tanzania	Vodacom Tanzania PLC	2G 3G 4G
Tanzania	Airtel Tanzania Limited	2G 3G 4G
Thailand	True Move H Universal Communication Co.-- Ltd.	4G
Thailand	CAT Telecom Public Company Limited	2G 3G 4G
Timor-Leste	Viettel	2G 3G
Timor-Leste	Timor Telecom	-
Togo	Atlantique Telecom Togo	2G 3G 4G
Trinidad And Tobago	Digicel Trinidad & Tobago	2G 3G 4G
Uganda	Zain Uganda Ltd.	2G 3G 4G
Ukraine	KYIVSTAR Private Joint Stock Company	2G 3G 4G
Ukraine	Lifecell LLC	2G 3G 4G
Ukraine	Lifecell LLC	2G 3G 4G
United Arab Emirates	Emirates Integrated Telecom. Company - Du	2G 3G 4G
United Arab Emirates	The Emirates Telecom. Group Company PJSC	2G 3G 4G
United Kingdom	Vodafone Ltd.	2G 3G 4G NB-IOT
United Kingdom	Hutchison 3G UK Ltd	3G 4G
United Kingdom	Telefonica UK Limited.	2G 3G 4G
United Kingdom	Telefonica UK Limited.	2G 3G 4G
United Kingdom	Vodafone Ltd.	2G 3G 4G
United Kingdom	Hutchison 3G UK Ltd	2G 3G 4G
United States	T-Mobile USA	2G 3G 4G LTE-M
United States	AT&T Mobility	3G 4G LTE-M
United States	Verizon Wireless	4G
Uruguay	Telefonica Moviles Del Uruguay S.A.	2G 3G 4G
Uruguay	ADMINISTRACION NACIONAL DE TELECOMUNICACIONES	2G 3G 4G
Uruguay	AM Wireless Uruguay S.A.	2G 3G 4G
Uzbekistan	FE COSCOM LLC	2G 3G
Uzbekistan	Unitel LLC	2G 3G 4G
Venezuela	Venezuela TELCEL	2G 3G
Viet Nam	Viettel Telecom	2G 3G 4G
Viet Nam	Vietnam Telecom Services Company	2G 3G 4G
Viet Nam	Hanoi Telecom Joint Stock Company	2G 3G
Western Samoa	Digicel Western Samoa	2G 3G 4G
Zambia	MTN Zambia Ltd.	2G 3G
Zambia	Celtel Zambia Limited	2G 3G 4G
Zimbabwe	Netone	2G 3G