

Country Name	PRF
Albania	Telekom Albania
Albania	Vodafone Group
Algeria	Veon
Algeria	Ooredoo Algeria
Andorra	Andorra Telecom
Anguilla	Liberty Mobile (LLA)
Antigua	Liberty Mobile (LLA)
Argentina	AMX/Claro
Argentina	Telekom Argentina
Argentina	Telefonica LATAM
Armenia	Telecom Armenia
Armenia	Ucom LLC
Armenia	MTS Group
Australia	Optus Australia
Australia	Telstra
Australia	Vodafone Australia
Austria	H3G Group EU
Austria	A1 Telekom Austria
Austria	Deutsche Telecom
Azerbaijan	Azercell
Bahrain	Batelco Bahrain
Bahrain	STC - VIVA Bahrain
Bahrain	Zain - Bahrain
Bangladesh	Veon
Bangladesh	AXIATA- Robi
Barbados	Liberty Mobile (LLA)
Belarus	Life - Belarus
Belarus	MTS Belarus
Belarus	A1 Telekom Austria
Belgium	Sunrise - Switzerland
Belgium	Orange EU
Belgium	Proximus
Benin	IAM group - Moov
Benin	MTN Group -2
Benin	SBIN
Bermuda	Atni - Group
Bolivia	TIGO LATAM
Bosnia Herzegovina	Eronet
Bosnia Herzegovina	BH Telecom JSC Sarajevo
Botswana	Orange AMEA
Botswana	MTN Group -1
Brazil	AMX/Claro

Brazil	TIM Brazil
Brazil	TIM Brazil
Brazil	TIM Brazil
Brazil	Telefonica LATAM
Brazil	Telefonica LATAM
Brazil	Telefonica LATAM
Brazil	Telefonica LATAM
British Virgin Islands	Liberty Mobile (LLA)
Bulgaria	Telefonica EU
Bulgaria	A1 Telekom Austria
Bulgaria	Telemach Group
Burkina Faso	IAM group - Moov
Burkina Faso	Orange AMEA
Cameroon	MTN Group -1
Cameroon	Orange AMEA
Canada	Canada (Bell/Telus)
Canada	Rogers Canada
Canada	Canada (Bell/Telus)
Canada	Canada (Bell/Telus)
Canada	Freedom Canada
Canada	Canada EastLink
Cayman	Liberty Mobile (LLA)
Center Africa	IAM group - Moov
Center Africa	Orange AMEA
Chad	Airtel Africa
Chad	IAM group - Moov
Chile	AMX/Claro
Chile	Entel Chile
Chile	Telefonica LATAM
China	China Mobile
China	China Unicom
Colombia	AMX/Claro
Colombia	Telefonica LATAM
Colombia	TIGO LATAM
Congo	Airtel Africa
Congo	MTN Group -2
Congo, democratic	Orange AMEA
Congo, democratic	Orange AMEA
Congo, democratic	Vodafone Group
Congo, democratic	Airtel Africa
Costa Rica	AMX/Claro
Costa Rica	Telefonica LATAM
Côte d'Ivoire	IAM group - Moov

Côte d'Ivoire	MTN Group -1
Côte d'Ivoire	Orange AMEA
Croatia	Telemach Group
Croatia	Deutsche Telecom
Croatia	A1 Telekom Austria
Cyprus	Cyprus Cyta
Cyprus	Salt Switzerland Group
Cyprus	Primtel Cyprus
Czech Republic	Telefonica EU
Czech Republic	Deutsche Telecom
Czech Republic	Vodafone Group
Denmark	H3G Group EU
Denmark	Telenor Group
Denmark	TDC DK - Group
Denmark	Teliasonera
Dominica	Liberty Mobile (LLA)
Dominican	Altice (SFR)
Ecuador	AMX/Claro
Ecuador	Telefonica LATAM
El Salvador	AMX/Claro
El Salvador	Telefonica LATAM
El Salvador	TIGO LATAM
Estonia	Elisa Group
Estonia	Teliasonera
Estonia	Tele2 Group
Ethiopia	Ethio Telecom
Faroe Islands	Faroese Telecom
Finland	Alands
Finland	Telenor Group
Finland	Elisa Group
Finland	Teliasonera
France	Deutsche Telecom
France	FreeMobile France
France	Orange EU
France	Altice (SFR)
French West Indies	Orange EU
French Polynesia	Vodafone French Polynesia
Gabon	Airtel Africa
Gabon	IAM group - Moov
Georgia	Silk net Gerorgia
Georgia	Veon
Germany	Telefonica EU
Germany	Deutsche Telecom

[illegible]

India	Airtel india
India	Airtel india
India	Airtel india
India	Airtel india
India	Airtel india
India	Airtel india
India	Airtel india
India	Airtel india
India	Airtel india
India	Airtel india
India	Airtel india
Indonesia	Ooredoo Indonesia
Indonesia	Ooredoo Indonesia
Indonesia	Telkomsel Indonesia
Indonesia	PT. XL Axiata INDONESIA
Iraq	Ooredoo Iraq
Iraq	Zain Iraq
Ireland	Vodafone Group
Ireland	H3G Group EU
Ireland	H3G Group EU
Ireland	Salt Switzerland Group
Isle of Man	Manx Mobile (Inbound)
Israel	Cellcom Comfone
Israel	Hot Mobile
Israel	Orange - Partner
Israel	Pelephone
Italy	H3G Group EU
Italy	Tim Italy
Italy	Vodafone Group
Italy	FreeMobile France
Jamaica	Liberty Mobile (LLA)
Japan	Docomo Japan
Japan	Soft Bank - Japan
Japan	Rakutan
Jersey	Jersey Airtel
Jersey	Jersey Telekom
Jordan	Orange Jordan
Jordan	Umniah
Jordan	Zain Jordan
Kazakhstan	Tele2
Kazakhstan	Veon
Kazakhstan	Kcell JSC
Kenya	Telekom Kenya

Kenya	Airtel Africa
Kuwait	Ooredoo Kuwait
Kuwait	VIVA Kuwait
Kuwait	Zain Kuwait
Kyrgyzstan	Veon
Kyrgyzstan	NUR Kyrgyzstan
Latvia	Deutsche Telecom
Latvia	Teliasonera
Latvia	Tele2 Group
Lebanon	AlFa Lebanon MIC 1
Lebanon	Touch Lebanon MIC 2
Lesotho	Vodafone Group
Liberia	Orange AMEA
Libya	AL Madar - Lybia
Libya	Libyana - Lybia
Liechtenstein	Salt Switzerland Group
Liechtenstein	A1 Telekom Austria
Lithuania	Teliasonera
Lithuania	Tele2 Group
Lithuania	Deutsche Telecom
Luxembourg	Orange EU
Luxembourg	Deutsche Telecom
Luxembourg	Proximus
Macau	CTM Macau
Macau	H3G Hong Kong
Macedonia	A1 Telekom Austria
Macedonia	Telekom Macedonia
Madagascar	Airtel Africa
Madagascar	Orange AMEA
Malawi	Airtel Africa
Malaysia	Celcom Malaysia (Axiata)
Malaysia	Celcom Malaysia (Axiata)
Malaysia	Telenor Group
Malaysia	Maxis Malaysia
Malaysia	U Mobile Malaysia
Mali	IAM group - Moov
Mali	Orange AMEA
Malta	GO mobile Malta
Malta	Salt Switzerland Group
Malta	Melita
Mauritania	IAM group - Moov
Mauritius	Orange - Cellplus Mobile
Mexico	AMX/Claro

Mexico	Telefonica LATAM
Moldova	Moldcell Moldova
Moldova	Moldtelecom
Moldova	Orange EU
Monaco	Vala Mobile Kosovo
Monaco	Monaco Telecom
Montenegro	MTel Montenegro
Montenegro	Vodafone Group
Montserrat	Liberty Mobile (LLA)
Morocco	Maroc Telecom
Morocco	Orange AMEA
Morocco	Wana
Mozambique	Viettel
Mozambique	Vodafone Group
Myanmar	Telenor Group
Nepal	AXIATA- Ncell
Nethelrand Antilles	Telcell Sint Maarten
Nethelrand Antilles	Liberty Mobile (LLA)
Netherlands	KPN Group
Netherlands	Deutsche Telecom
Netherlands	Vodafone Group
New Zealand	Spark newzeland
New Zealand	Vodafone Group
Nicaragua	AMX/Claro
Nicaragua	Telefonica LATAM
Niger	IAM group - Moov
Niger	Airtel Africa
Niger	Zamani Telecom
Nigeria	MTN Group -4
Nigeria	Airtel Africa
Norway	Aeromobile
Norway	Teliasonera
Norway	Telenor Group
Oman	Omantel
Oman	Ooredoo OMAN
Oman	Vodafone Group
Pakistan	Veon
Pakistan	Telenor Group
Panama	Liberty Mobile (LLA)
Panama	Liberty Mobile (LLA)
Panama	Telefonica LATAM
Paraguay	AMX/Claro
Paraguay	TIGO LATAM

Peru	Entel Peru
Peru	Telefonica LATAM
Peru	Viettel
Philippines	Smart Philippines
Poland	FreeMobile France
Poland	Polkomtel Poland
Poland	Orange EU
Poland	Deutsche Telecom
Portugal	NOS Portugal
Portugal	Vodafone Group
Portugal	Altice (SFR)
Puerto Rico	AMX/Claro
Qatar	Ooredoo Qatar
Qatar	Vodafone Qatar
Réunion	Orange EU
Romania	Deutsche Telecom
Romania	Vodafone Group
Romania	Orange EU
Romania	DIGI Group
Russia	Megafon
Russia	MTS Group
Russia	LLC Russia TMT
Russia	Tele2 Russia
Russia	MOTIV
Russia	Veon
Rwanda	Airtel Africa
Rwanda	Airtel Africa
Rwanda	MTN Group -1
Saudi Arabia	Mobily KSA
Saudi Arabia	STC KSA
Saudi Arabia	Zain KSA
Senegal	Orange AMEA
Serbia	Telecom Serbia
Serbia	Telefonica EU
Serbia	A1 Telekom Austria
Sierra Leone	Orange AMEA
Singapore	M1
Singapore	SingTel Mobile Singapore Pte. Ltd
Slovak Republic	Orange EU
Slovak Republic	Deutsche Telecom
Slovak Republic	Telefonica EU
Slovenia	A1 Telekom Austria
Slovenia	Telekom Slovenije

Slovenia	Telemach Group
South Africa	MTN Group -4
South Africa	Telenor Group
South Africa	Vodafone Group
South Korea	KT (Korea Telecom)
South Korea	SK Korea
South Sudan	MTN Group -1
Spain	Orange EU
Spain	Telefonica EU
Spain	Vodafone Group
Spain	Yoigo (Spain) ESPXF
Srilanka	Dialog MTN
Srilanka	H3G Group Asia
St. Kitt	Liberty Mobile (LLA)
St. Lucia	Liberty Mobile (LLA)
St. Vincent	Liberty Mobile (LLA)
Sudan	MTN Group Sudan
Sudan	Sudatel
Sudan	Zain - Sudan
Eswatini "Swaziland"	MTN Group -4
Sweden	H3G Group EU
Sweden	Tele2 Group
Sweden	Telenor Group
Sweden	Teliasonera
Switzerland	On Air
Switzerland	Salt Switzerland Group
Switzerland	Sunrise - Switzerland
Switzerland	Swisscom Switzerland
Taiwan	Chunghwa Taiwan
Taiwan	Far EasTone Taiwan (data only)
Taiwan	Taiwan Mobile
Taiwan	Star Taiwan
Taiwan	APT Taiwan (Asia Pacific)
Tajikistan	Tacom LLC
Tanzania	Airtel Africa
Tanzania	Vodafone Group
Thailand	AIS Thailand (AWN)
Thailand	True Move Thailand
Thailand	True Move Thailand
Thailand	Telenor Group
Togo	IAM group - Moov
Tunisie	Ooredoo Tunisia
Tunisie	Orange AMEA

Tunisie	Tunisie Telecom
Turkey	Avea Turkey turk telekom
Turkey	Turkcell Turkey
Turkey	Vodafone Group
Turks & Caicos	Liberty Mobile (LLA)
UAE	DU UAE
UAE	Etisalat UAE
Uganda	Airtel Africa
Uganda	Airtel Africa
Uganda	MTN Group -1
UK	EE UK
UK	H3G Group EU
UK	Telefonica EU
UK	Vodafone Group
Ukraine	Veon
Ukraine	MTS Ukraine
Ukraine	Lifecell Ukraine
Uruguay	Antel - Uruguay
Uruguay	AMX/Claro
Uruguay	Telefonica LATAM
USA	AT&T
USA	Atni - Group
USA	T-Mobile USA
USA	T-Mobile USA
USA	T-Mobile USA
USA	T-Mobile USA
USA	T-Mobile USA
USA	T-Mobile USA
USA	T-Mobile USA
USA	USA_Limitless Mobile
Uzbekistan	Veon
Uzbekistan	COSCOM LLC (TM UCELL)
Uzbekistan	Uztelecom
Vietnam	Monifone
Vietnam	H3G Group Asia
Vietnam	Viettel
Yemen	MTN Group Yemen
Yemen	SabaFon - Yamen
Zambia	Airtel Africa
Zambia	MTN Group Zambia