



Planetsim M2M Roaming Partners List

Country	Operator	MCC	MNC	Network type	2G	3G	LTE	Data	Direct Call
Albania	Telekom Albania	276	1	GSM 900, GSM 1800, UMTS 2100, LTE 1800, LTE 2600	Yes	Yes	Yes	Yes	No
Albania	Vodafone Albania	276	2	GSM 900, GSM 1800, UMTS 2100, LTE 1800, LTE 2600	Yes	Yes	Yes	Yes	No
Albania	ONE TELECOMMUNICATIONS	276	13	GSM 1800, GSM 900, UMTS 2100, LTE 1800, LTE 2600	Yes	Yes	Yes	Yes	No
Algeria	Optimum Telecom Algerie Spa	603	2	GSM 900, GSM 1800, UMTS 2100, LTE 1800	Yes	Yes	Yes	Yes	No
Andorra	Servei De Tele. DAndorra	213	3	GSM 900, GSM 1800, UMTS 2100, LTE 800	Yes	Yes	Yes	Yes	No
Andorra	Servei De Tele. DAndorra	213	31	GSM 1800, GSM 900, UMTS 2100	Yes	Yes	No	Yes	No
Anguilla	Cable & Wireless	365	840	GSM 850, GSM 1800, GSM 1900	Yes	No	No	Yes	No
Anguilla	Digicel	338	5	GSM 900, GSM 1900, GSM 1800	Yes	No	No	Yes	No
Anguilla	Digicel Bermuda	338	50	GSM 900, GSM 1800, GSM 1900	Yes	No	No	Yes	No
Anguilla	CABLE & WIRELESS, ANGUILLA	365	8403	GSM 1800, GSM 1900, GSM 850, UMTS, LTE 700	Yes	Yes	Yes	Yes	No
Anguilla	DIGICEL ANGUILLA	338	503	GSM 850, UMTS 850, LTE 1900, LTE 700	Yes	Yes	Yes	Yes	No
Antigua and Barbuda	Cable& Wireless Caribbean Cellular (Antigua) Limited	344	920	GSM 1800, GSM 850, GSM 1900	Yes	No	No	Yes	No
Antigua and Barbuda	Digicel	338	5	GSM 900, GSM 1900, GSM 1800, UMTS	Yes	Yes	No	Yes	No
Antigua and Barbuda	Digicel Bermuda	338	50	GSM 900, GSM 1800, GSM 1900, UMTS	Yes	Yes	No	Yes	No
Antigua and Barbuda	CABLE & WIRELESS, ANTIGUA	344	9203	GSM 1800, GSM 1900, GSM 850, UMTS, LTE 1700	Yes	Yes	Yes	Yes	No
Antigua and Barbuda	DIGICEL ANTIGUA & BARBUDA	338	503	GSM 1900, GSM 900, UMTS 850, LTE 700	Yes	Yes	Yes	Yes	No
Argentina	AMX Argentina S.A. - CLARO	722	31	GSM 1900, GSM 850, UMTS 1900, UMTS 850, LTE	Yes	Yes	Yes	Yes	No
Argentina	AMX Argentina S.A.	722	310	GSM 1900, GSM 850, UMTS 850, UMTS 1900, LTE	Yes	Yes	Yes	Yes	No
Argentina	Telefonica Moviles Argentina S.A.	722	7	GSM 1900, GSM 850, UMTS 1900, UMTS 850, LTE	Yes	Yes	Yes	Yes	No
Argentina	CLARO ARGENTINA	722	3103	GSM 1900, GSM 850, UMTS 1900, UMTS 850, LTE	Yes	Yes	Yes	Yes	No
Argentina	Telefonica Moviles Argentina S.A.	722	71	GSM 1900	Yes	Yes	Yes	Yes	No
Armenia	Ucom LLC	283	10	GSM 900, GSM 1800, UMTS 2100, UMTS 900	Yes	Yes	No	Yes	No
Armenia	TELECOM ARMENIA	283	13	GSM 1800, GSM 900, UMTS 2100, LTE 1800, LTE 450	Yes	Yes	Yes	Yes	No
Armenia	MTS ARMENIA	283	53	GSM 1800, GSM 900, UMTS 2100	Yes	Yes	No	Yes	No
Aruba	Digicel Aruba	363	2	GSM 900, GSM 1800, UMTS 2100	Yes	Yes	No	Yes	No
Aruba	Digicel	338	5	GSM 900, GSM 1900, GSM 1800, UMTS	Yes	Yes	No	Yes	No
Aruba	Digicel Bermuda	338	50	GSM 900, GSM 1800, GSM 1900, UMTS	Yes	Yes	No	Yes	No
Aruba	DIGICEL ARUBA	338	503	GSM 1800, GSM 900, UMTS 2100, LTE 1800	Yes	Yes	Yes	Yes	No
Aruba	DIGICEL ARUBA	363	23	GSM 1800, GSM 900, UMTS 2100, LTE 1800	Yes	Yes	Yes	Yes	No
Australia	Telstra Corporation Limited	505	1	UMTS 2100, LTE 1800, UMTS 850, LTE 700, LTE 900, LTE 2100	No	Yes	Yes	Yes	No
Australia	Singtel Optus Proprietary Limited	505	2	UMTS 2100, LTE 1800, LTE 700, UMTS 900, LTE 2100, TD-LTE 2300	No	Yes	Yes	Yes	No
Australia	VODAFONE AUSTRALIA	505	33	UMTS 2100, UMTS 850, UMTS 900, LTE 1800, LTE 2100, LTE 850	No	Yes	Yes	Yes	No
Australia	TELSTRA MOBILE COMMS	505	13	UMTS 850, LTE 1800, LTE 2100, LTE 2600, LTE 700, LTE 900	No	Yes	Yes	Yes	No
Australia	Optus Mobile Pty Ltd	505	21	UMTS 2100, LTE 1800, LTE 2600, LTE 700	No	Yes	Yes	Yes	No
Australia	Telstra Corporation Limited	505	11	LTE 1800, LTE 2100, LTE 2600, LTE 700, LTE 900	No	Yes	Yes	Yes	No
Austria	A1 Telekom Austria	232	1	GSM 900, GSM 1800, UMTS 2100, LTE 800, LTE 2600	Yes	Yes	Yes	Yes	No
Austria	Hutchison Drei Austria	232	5	GSM 900, UMTS 2100, LTE 1800, LTE 2600	Yes	Yes	Yes	Yes	No
Austria	HUTCHISON DREI AUSTRIA	232	53	GSM 1800, GSM 900, UMTS 2100, LTE 1800, LTE 2100, LTE 2600, LTE 900	Yes	Yes	Yes	Yes	No
Austria	T-MOBILE AUSTRIA	232	33	GSM 900, UMTS 900, LTE 1800, LTE 2100, LTE 2600, LTE 800	Yes	Yes	Yes	Yes	No
Austria	A1 TELEKOM AUSTRIA AG	232	13	GSM 900, UMTS 2100, UMTS 900	Yes	Yes	No	Yes	No
Azerbaijan	Azercell	400	1	GSM 900, GSM 1800, UMTS 2100	Yes	Yes	No	Yes	No
Azerbaijan	AZERCELL TELECOM B.M.	400	13	GSM 1800, GSM 900, UMTS 2100	Yes	Yes	No	Yes	No
Azerbaijan	AZERCELL TELECOM B.M.	400	63	CDMA 800	Yes	Yes	No	Yes	No
Bahamas	The Bahamas Telecommunications Company Ltd (BaTelCo)	364	39	GSM 850, GSM 1900, UMTS 850	Yes	Yes	No	Yes	No
Bahamas	BTC BAHAMAS	364	393	GSM 1900, UMTS 1900, UMTS 850	Yes	Yes	No	Yes	No
Bahrain	Viva Bahrain	426	4	GSM 900, GSM 1800, UMTS 2100	Yes	Yes	No	Yes	No
Bahrain	BATELCO	426	13	UMTS 2100	Yes	Yes	No	Yes	No
Bahrain	ZAIN BAHRAIN	426	23	GSM 1800, GSM 900, UMTS 2100	Yes	Yes	No	Yes	No
Bahrain	Zain Bahrain	426	21	GSM 1800, GSM 900, UMTS 2100	Yes	Yes	Yes	Yes	No
Barbados	LIME (formerly known as Cable & Wireless)	342	600	GSM 1900	Yes	No	No	Yes	No
Barbados	Digicel	338	5	GSM 900, GSM 1900, GSM 1800, UMTS	Yes	Yes	No	Yes	No
Barbados	Digicel Bermuda	338	50	GSM 900, GSM 1800, GSM 1900, UMTS	Yes	Yes	No	Yes	No
Barbados	CABLE & WIRELESS, BARBADOS	342	6003	GSM 1900, GSM 850, LTE 1900, LTE 850	Yes	Yes	Yes	Yes	No
Barbados	DIGICEL BARBADOS	338	503	GSM 1800, GSM 900, UMTS 2100, LTE 1900, LTE 700	Yes	Yes	Yes	Yes	No
Belarus	Mobile TeleSystems	257	2	GSM 900, GSM 1800, UMTS 2100, UMTS 900, LTE 1800	Yes	Yes	Yes	Yes	No
Belarus	velcom	257	1	GSM 900, GSM 1800, UMTS 2100, UMTS 900	Yes	Yes	Yes	Yes	No
Belarus	LIFE	257	43	GSM 1800, GSM 900, UMTS 2100	Yes	Yes	Yes	Yes	No
Belarus	MTS BELARUS	257	23	GSM 1800, GSM 900, UMTS 2100, UMTS 900	Yes	Yes	Yes	Yes	No
Belarus	velcom	257	11	GSM 1800, GSM 900, UMTS 2100, UMTS 900	Yes	Yes	Yes	Yes	No
Belarus	Mobile TeleSystems	257	21	GSM 1800, GSM 900, UMTS 2100, UMTS 900	Yes	Yes	No	Yes	No
Belgium	Belgacom Mobile	206	1	GSM 900, GSM 1800, UMTS 2100, LTE 800, LTE 1800, LTE 2600, UMTS 900	Yes	Yes	Yes	Yes	No
Belgium	Orange S.A.	206	10	GSM 900, GSM 1800, UMTS 2100, LTE 800, LTE 1800, LTE 2600, UMTS 900	Yes	Yes	Yes	Yes	No
Belgium	Telenet	206	20	GSM 900, GSM 1800, UMTS 2100, LTE 800, LTE 1800	Yes	Yes	Yes	Yes	No
Belgium	TELENET GROUPE BVBA/SPRL	206	203	GSM 1800, GSM 900, UMTS 900, UMTS 2100, LTE 1800, LTE 2600, LTE 800	Yes	Yes	Yes	Yes	No
Belgium	ORANGE BELGIUM	206	103	GSM 1800, GSM 900, UMTS 2100, UMTS 900	Yes	Yes	No	Yes	No
Belgium	PROXIMUS PLC	206	13	GSM 1800, GSM 900, UMTS 2100, LTE 1800	Yes	Yes	Yes	Yes	No
Bermuda	Digicel	338	5	GSM 900, GSM 1900, GSM 1800, UMTS	Yes	Yes	No	Yes	No
Bermuda	Digicel Bermuda	338	50	GSM 900, GSM 1800, GSM 1900, UMTS	Yes	Yes	No	Yes	No
Bermuda	DIGICEL BERMUDA	338	503	GSM 1900, UMTS 1900, UMTS 850, LTE 700	Yes	Yes	Yes	Yes	No



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Country	Operator	MCC	MNC	Network type	2G	3G	LTE	Data	Direct Call
Bosnia and Herzegovina	BH Telecom	218	90	GSM 900, GSM 1800, UMTS 2100	Yes	Yes	No	Yes	No
Bosnia and Herzegovina	M-TEL	218	53	GSM 1800, GSM 900, UMTS 2100	Yes	Yes	No	Yes	No
Bosnia and Herzegovina	HT ERONET	218	33	GSM 1800, GSM 900, UMTS 2100, LTE	Yes	Yes	Yes	Yes	No
Brazil	Claro	724	5	GSM 900, GSM 1800, UMTS 2100, LTE 2600, UMTS 850	Yes	Yes	Yes	Yes	No
Brazil	Telecom Italia Mobile	724	4	GSM 900, GSM 1800, UMTS 2100, UMTS 850	Yes	Yes	No	Yes	No
Brazil	Telecom Italia Mobile	724	3	GSM 900, GSM 1800, UMTS 2100, UMTS 850	Yes	Yes	No	Yes	No
Brazil	Telecom Italia Mobile	724	2	GSM 900, GSM 1800, UMTS 2100, UMTS 850	Yes	Yes	No	Yes	No
Brazil	Vivo S.A.	724	6	GSM 1800, UMTS 2100, GSM 850, UMTS 850	Yes	Yes	No	Yes	No
Brazil	Vivo S.A.	724	10	GSM 1800, UMTS 2100, GSM 850, UMTS 850	Yes	Yes	No	Yes	No
Brazil	Vivo S.A.	724	11	GSM 1800, UMTS 2100, GSM 850, UMTS 850	Yes	Yes	No	Yes	No
Brazil	Vivo S.A.	724	23	GSM 1800, UMTS 2100, GSM 850, UMTS 850	Yes	Yes	No	Yes	No
Brazil	TIM BRAZIL	724	43	GSM 1800, GSM 900, UMTS 2100, UMTS 850, UMTS 900, LTE 1800, LTE 2100, LTE 2600, LTE 700	Yes	Yes	Yes	Yes	No
Brazil	TIM BRAZIL	724	23	GSM 1800, GSM 900, UMTS 2100, UMTS 850, UMTS 900, LTE 1800, LTE 2100, LTE 2600, LTE 700	Yes	Yes	Yes	Yes	No
Brazil	TIM BRAZIL	724	33	GSM 1800, GSM 900, UMTS 2100, UMTS 850, UMTS 900, LTE 1800, LTE 2100, LTE 2600, LTE 700	Yes	Yes	Yes	Yes	No
Brazil	CLARO BRAZIL	724	53	GSM 1800, GSM 900, UMTS 2100, UMTS 850, LTE 1800, LTE 2600, LTE 700	Yes	Yes	Yes	Yes	No
Bulgaria	A1 Bulgaria	284	1	GSM 900, GSM 1800, UMTS 2100, LTE 1800, UMTS 900, LTE 2100	Yes	Yes	Yes	Yes	No
Bulgaria	BTC	284	3	GSM 900, GSM 1800, UMTS 2100, LTE 1800, UMTS 900, LTE 2100	Yes	Yes	Yes	Yes	No
Bulgaria	TELENOR BG	284	53	GSM 1800, GSM 900, UMTS 2100, LTE 1800	Yes	Yes	Yes	Yes	No
Bulgaria	A1 BULGARIA EAD	284	13	GSM 900, UMTS 2100, UMTS 900, LTE 1800, LTE 2100, LTE 900	Yes	Yes	Yes	Yes	No
Bulgaria	A1 BULGARIA EAD	284	13	GSM 900, UMTS 2100, UMTS 900, LTE 1800, LTE 2100, LTE 900	Yes	Yes	Yes	Yes	No
Cambodia	Smart Axiata Co. Ltd	456	2	GSM 900, GSM 1800	Yes	No	No	Yes	No
Cambodia	SMART AXIATA CO., LTD.	456	23	GSM 1800, GSM 900, LTE 1800, LTE 2100	Yes	No	Yes	Yes	No
Cambodia	SMART AXIATA CO., LTD.	456	63	GSM 1800, GSM 900, LTE 1800, LTE 2100	Yes	No	Yes	Yes	No
Cambodia	CAMGSM CO.LTD	456	13	GSM 1800, GSM 900, UMTS 2100, LTE 1800	Yes	Yes	Yes	Yes	No
Cambodia	METPHONE	456	83	GSM 1800, GSM 900, UMTS 2100	Yes	Yes	No	Yes	No
Cambodia	Smart Axiata Co. Ltd	456	21	GSM 900, GSM 1800, LTE 1800, LTE 2100	Yes	No	Yes	Yes	No
Cambodia	Smart Axiata Co. Ltd	456	61	GSM 1800, GSM 900, LTE 1800, LTE 2100	Yes	No	Yes	Yes	No
Canada	Rogers Communications Canada Inc.	302	72	GSM 1900, GSM 850, UMTS 1900, UMTS 850, LTE 1700, LTE 2100, LTE 700	Yes	Yes	Yes	Yes	No
Canada	Rogers Communications Canada Inc.	302	720	GSM 1900, GSM 850, UMTS 1900, UMTS 850, LTE 1700, LTE 2100, LTE 700	Yes	Yes	Yes	Yes	No
Canada	ROGERS COMMUNICATIONS CANADA INC.	302	7203	GSM 850, UMTS 850, LTE 1700, LTE 1900, LTE 2600, LTE 700, LTE 850	Yes	Yes	Yes	Yes	No
Canada	BELL MOBILITY	302	6103	UMTS 1900, UMTS 850, LTE 1700, LTE 1900, LTE 2600, LTE 700	Yes	Yes	Yes	Yes	No
Canada	TELUS	302	2203	UMTS 1900, UMTS 850, LTE 1700, LTE 2600	Yes	Yes	Yes	Yes	No
Canada	Bell Mobility	302	6101	GSM 1900, GSM 850, LTE 1700, LTE 1900, LTE 2600, LTE 700	Yes	Yes	Yes	Yes	No
Canada	TELUS Communications Inc.	302	2201	GSM 1900, GSM 850, LTE 1700, LTE 2600	Yes	Yes	Yes	Yes	No
Canada	Rogers Communications	302	7201	GSM 1900, GSM 850, UMTS 1900, UMTS 850, LTE 1700, LTE 2600, LTE 700	Yes	Yes	Yes	Yes	No
Cape Verde	CVMove!, S.A.	625	1	GSM 900, UMTS	Yes	Yes	No	Yes	No
Cape Verde	CV MOVE!, SA	625	13	GSM 900, UMTS 2100, LTE 800	Yes	Yes	Yes	Yes	No
Cayman Islands	Cable & Wireless (Cayman Islands) Limited	346	140	GSM 850, GSM 1900	Yes	No	No	Yes	No
Cayman Islands	Digicel	338	5	UMTS	No	Yes	No	Yes	No
Cayman Islands	Digicel Bermuda	338	50	UMTS	No	Yes	No	Yes	No
Cayman Islands	CABLE & WIRELESS, CAYMAN ISLANDS	346	1403	GSM 1900, GSM 850, UMTS 850, LTE 1900, LTE 700	Yes	Yes	Yes	Yes	No
Cayman Islands	DIGICEL CAYMAN	338	503	UMTS 2100, LTE 1800, LTE 700	Yes	Yes	Yes	Yes	No
Chile	Entel Telefonía Móvil S.A.	730	1	LTE 2600, GSM 1900, LTE 700, UMTS 1900	Yes	Yes	Yes	Yes	No
Chile	Claro Chile S.A.	730	3	GSM 1900, UMTS 850, UMTS 1900	Yes	Yes	No	Yes	No
Chile	Telefónica Móvil de Chile	730	2	LTE 2600, GSM 850, GSM 1900, UMTS 850, LTE 700, UMTS 1900	Yes	Yes	Yes	Yes	No
Chile	CLARO CHILE S.A.	730	33	GSM 1900, UMTS 1900	Yes	Yes	No	Yes	No
Chile	ENTEL PCS	730	13	GSM 1900, UMTS 1900	Yes	Yes	No	Yes	No
Chile	Entel Telefonía Móvil S.A.	730	11	GSM 1900, UMTS 2100, LTE 2600, LTE 700	Yes	Yes	Yes	Yes	No
Chile	Claro Chile S.A.	730	31	GSM 1900, UMTS 1900, UMTS 850	Yes	Yes	No	Yes	No
Chile	Telefónica Móvil de Chile	730	21	GSM 1900, GSM 850, UMTS 1900, UMTS 850, LTE 2600, LTE 700	Yes	Yes	Yes	Yes	No
China	China Mobile	460	0	GSM 900, GSM 1800, TD-LTE 2300, TD-LTE 2500, TD-SCDMA 1900, TD-SCDMA 2000, TD-LTE 1900	Yes	Yes	Yes	Yes	No
China	China Unicom	460	1	GSM 900, GSM 1800, UMTS 2100, LTE 1800, UMTS 900, TD-LTE 2300, TD-LTE 2500	Yes	Yes	Yes	Yes	No
China	CHINA MOBILE	460	3	GSM 1800, GSM 900, TD-SCDMA 1900, TD-SCDMA 2000	Yes	No	No	Yes	No
China	CHINA MOBILE	460	23	GSM 1800, GSM 900, TD-SCDMA 1900, TD-SCDMA 2000	Yes	No	No	Yes	No
China	CHINA UNICOM	460	13	GSM 1800, GSM 900, UMTS 2100, UMTS 900, LTE 1800, LTE 2100, TD-LTE 2300, TD-LTE 2500	Yes	Yes	Yes	Yes	No
China	CHINA UNICOM	460	93	Unknown	Yes	Yes	Yes	Yes	No
China	China Unicom	460	11	GSM 1800, GSM 900, UMTS 2100, UMTS 900, LTE 1800, TD-LTE 2300, TD-LTE 2500	Yes	Yes	Yes	Yes	No
Colombia	COMCEL S.A.	732	101	LTE 2600, GSM 850, GSM 1900, UMTS 850, UMTS 1900	Yes	Yes	Yes	Yes	No
Colombia	Telefónica Colombia	732	123	GSM 1900, GSM 850, UMTS 1900, UMTS 850, LTE 1700	Yes	Yes	Yes	Yes	No
Colombia	COMCEL S.A (CLARO)	732	1013	GSM 1900, GSM 850, UMTS 1900, UMTS 850, LTE 1700, LTE 2600	Yes	Yes	Yes	Yes	No
Colombia	TELEFONICA MOVILES COLOMBIA	732	1233	GSM 1900, GSM 850, UMTS 1900, UMTS 850	Yes	Yes	No	Yes	No
Congo the Democratic Republic of the	Africell RDC sptl	630	90	GSM 900, GSM 1800, 3G 2100	Yes	Yes	No	Yes	No
Congo the Democratic Republic of the	VODACOM CONGO	630	13	GSM 1800, GSM 900, UMTS 2100	Yes	Yes	Yes	Yes	No
Costa Rica	Claro CR Telecomunicaciones (Alo)	712	3	GSM 1800, UMTS 2100	Yes	Yes	No	Yes	No
Costa Rica	CLARO CR TELECOMUNICACIONES, S.A	712	33	GSM 1800, UMTS 850, LTE 1800, LTE 2600	Yes	Yes	Yes	Yes	No
Costa Rica	TELEFONICA DE COSTA RICA TC	712	43	GSM 1800, UMTS 2100, UMTS 850	Yes	Yes	No	Yes	No
Croatia	A1 Hrvatska	219	10	GSM 900, UMTS 2100, LTE 800, LTE 1800	Yes	Yes	Yes	Yes	No
Croatia	CROATIAN TELECOM INC. (T-HT)	219	13	GSM 1800, GSM 900, UMTS 2100, UMTS 900, LTE 1800, LTE 800	Yes	Yes	Yes	Yes	No
Croatia	TELEMACH CROATIA	219	23	GSM 1800, UMTS 2100, UMTS 900, LTE 1800, LTE 2600	Yes	Yes	Yes	Yes	No



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Country	Operator	MCC	MNC	Network type	2G	3G	LTE	Data	Direct Call
Croatia	A1 HRVATSKA	219	103	GSM 1800, GSM 900, UMTS 2100, LTE 1800, LTE 800	Yes	Yes	Yes	Yes	No
Cyprus	Cyprus Telecommunications Authority	280	1	GSM 900, GSM 1800, UMTS 2100, LTE 800, LTE 1800, LTE 2600	Yes	Yes	Yes	Yes	No
Cyprus	MTN Group	280	10	GSM 900, GSM 1800, UMTS 2100, LTE 1800	Yes	Yes	Yes	Yes	No
Cyprus	CYTA MOBILE-VODAFONE	280	13	GSM 1800, GSM 900, UMTS 2100, UMTS 900, LTE 1800, LTE 2600, LTE 800	Yes	Yes	Yes	Yes	No
Cyprus	PRIMETEL PLC	280	203	UMTS 2100, LTE 1800, LTE 900	Yes	Yes	Yes	Yes	No
Czech Republic	O2 Czech Republic	230	2	GSM 900, GSM 1800, LTE 800, LTE 1800, CDMA 450	Yes	No	Yes	Yes	No
Czech Republic	Vodafone Czech Republic	230	3	GSM 900, GSM 1800	Yes	No	No	Yes	No
Czech Republic	VODAFONE CZECH REPUBLIC	230	33	GSM 1800, GSM 900, LTE	Yes	No	Yes	Yes	No
Czech Republic	O2 CZECH REPUBLIC	230	23	GSM 1800, GSM 900, LTE 1800, LTE 2600, LTE 800	Yes	Yes	Yes	Yes	No
Czech Republic	T-MOBILE CZECH	230	13	GSM 900	Yes	No	No	Yes	No
Denmark	Telia	238	20	GSM 900, GSM 1800, UMTS 2100, LTE 800, LTE 1800, LTE 2600, UMTS 900	Yes	Yes	Yes	Yes	No
Denmark	TT-Netværket P/S	238	66	GSM 900, GSM 1800, UMTS 2100, LTE 800, LTE 1800, LTE 2600, UMTS 900	Yes	Yes	Yes	Yes	No
Denmark	Hi3G DENMARK APS	238	63	UMTS 2100, UMTS 900, LTE 1800, LTE 2100, LTE 2600, LTE 900, TD-LTE 2600	No	Yes	Yes	Yes	No
Denmark	TELENOR A/S	238	23	GSM 1800, GSM 900, UMTS 2100, UMTS 900, LTE 1800, LTE 2600, LTE 800	Yes	Yes	Yes	Yes	No
Denmark	TELIA DANMARK	238	203	GSM 1800, GSM 900, LTE 1800, LTE 2600, LTE 800	Yes	No	Yes	Yes	No
Denmark	TELIA DANMARK	238	303	Unknown	Yes	No	Yes	Yes	No
Denmark	Hi3G Denmark ApS	238	61	UMTS 2100, UMTS 900	No	Yes	No	Yes	No
Dominica	Digicel	338	5	GSM 900, GSM 1900, GSM 1800	Yes	No	No	Yes	No
Dominica	Digicel Bermuda	338	50	GSM 900, GSM 1800, GSM 1900	Yes	No	No	Yes	No
Dominica	Cable & Wireless	366	110	GSM 850	Yes	No	No	Yes	No
Dominica	CABLE & WIRELESS, DOMINICA	366	1103	GSM 850, UMTS 850, LTE 700	Yes	Yes	Yes	Yes	No
Dominica	DIGICEL DOMINICA	338	503	GSM 1900, GSM 900, UMTS 1900, UMTS 900, LTE 700	Yes	Yes	Yes	Yes	No
Dominican Republic	Compañía Dominicana de Teléfonos	370	2	GSM 850, GSM 1900, UMTS 850	Yes	Yes	No	Yes	No
Dominican Republic	CLARO DOMINICANA (CODETEL)	370	23	GSM 1900, GSM 850, UMTS 850, LTE 1700, LTE 1900, LTE 2600	Yes	Yes	Yes	Yes	No
Dominican Republic	Altice Group	370	11	GSM 900, UMTS 2100	Yes	Yes	No	Yes	No
Dominican Republic	Compañía Dominicana de Teléfonos	370	21	GSM 1900, GSM 850, UMTS 850, LTE 1700	Yes	Yes	Yes	Yes	No
Ecuador	Otecel S.A.	740	0	GSM 850, GSM 1900, UMTS 850, LTE 1900, UMTS 1900	Yes	Yes	Yes	Yes	No
Ecuador	CONCEL (CLARO)	740	13	GSM 850, UMTS 1900, UMTS 850	Yes	Yes	No	Yes	No
Ecuador	OTECEL S.A. (MOVISTAR)	740	3	GSM 1900, GSM 850, UMTS 850	Yes	Yes	No	Yes	No
Ecuador	OTECEL S.A. (MOVISTAR)	740	1	GSM 1900, GSM 850, UMTS 850, LTE 1900	Yes	Yes	Yes	Yes	No
Ecuador	CONCEL (CLARO)	740	11	GSM 850, UMTS 1900, UMTS 850	Yes	Yes	No	Yes	No
Egypt	Orange Egypt	602	1	GSM 900, GSM 1800, UMTS 2100, LTE 1800	Yes	Yes	Yes	Yes	No
Egypt	Vodafone Egypt	602	2	GSM 900, GSM 1800, UMTS 2100, LTE 1800	Yes	Yes	Yes	Yes	No
Egypt	VODAFONE EGYPT	602	23	GSM 1800, GSM 900, UMTS 2100, LTE 1800	Yes	Yes	Yes	Yes	No
Egypt	Orange Egypt	602	11	GSM 1900, UMTS 2100, LTE	Yes	Yes	Yes	Yes	No
El Salvador	CTE Telecom Personal, S.A. de C.V.	706	1	GSM 1900, UMTS 1900, LTE	Yes	Yes	Yes	Yes	No
El Salvador	CTE TELECOM PERSONAL (CLARO)	706	13	GSM 1900, UMTS 1900	Yes	Yes	Yes	Yes	No
El Salvador	DIGICEL EL SALVADOR	706	23	GSM 900, UMTS 900	Yes	Yes	Yes	Yes	No
El Salvador	Telefonica Móviles El Salvador	706	41	GSM 1900, GSM 850, UMTS 1900, UMTS 850	Yes	Yes	No	Yes	No
El Salvador	CTE Telecom Personal, S.A. de C.V.	706	11	GSM 1900, UMTS 1900	Yes	Yes	Yes	Yes	No
Estonia	Estonian Mobile Telecom	248	1	GSM 900, GSM 1800, UMTS 2100, UMTS 900	Yes	Yes	No	Yes	No
Estonia	ELISA	248	23	GSM 1800, GSM 900, UMTS 2100, UMTS 900, LTE 1800, LTE 2600, LTE 800	Yes	Yes	Yes	Yes	No
Faroe Islands	Faroese Telecom	288	1	GSM 900, UMTS 2100, LTE 800, LTE 1800, UMTS 900	Yes	Yes	Yes	Yes	No
Faroe Islands	HEY	288	23	GSM 1800, GSM 900, UMTS 2100, LTE	Yes	Yes	Yes	Yes	No
Finland	TeliaSonera Finland Oyj	244	91	GSM 900, GSM 1800, UMTS 2100, LTE 800, LTE 1800, LTE 2600, LTE 700, UMTS 900	Yes	Yes	Yes	Yes	No
Finland	TeliaSonera Finland Oyj / Suomen Yhteisverkko Oy	244	36	GSM 900, GSM 1800, UMTS 2100, LTE 800, LTE 1800, LTE 2600, UMTS 900	Yes	Yes	Yes	Yes	No
Finland	ELISA FINLAND	244	53	GSM 1800, GSM 900, UMTS 900, LTE 1800, LTE 2100, LTE 2600, LTE 700, TD-LTE 2600	Yes	Yes	Yes	Yes	No
Finland	DNA NETWORKS LTD	244	123	GSM 1800, GSM 900, UMTS 900, LTE 1800, LTE 2100, LTE 2600, LTE 700, LTE 800	Yes	Yes	Yes	Yes	No
Finland	DNA NETWORKS LTD	244	33	GSM 1800	Yes	Yes	Yes	Yes	No
Finland	DNA NETWORKS LTD	244	363	GSM 1800, GSM 900, UMTS 2100, UMTS 900, LTE 1800, LTE 2100, LTE 2600, LTE 800, LTE 900	Yes	Yes	Yes	Yes	No
Finland	ALANDS TELEKOMMUNIKATION AB	244	143	GSM 1800, GSM 900, UMTS 2100, UMTS 900, LTE 1800, LTE 800	Yes	Yes	Yes	Yes	No
France	Orange S.A.	208	1	GSM 900, GSM 1800, UMTS 2100, LTE 800, LTE 2600, UMTS 900	Yes	Yes	Yes	Yes	No
France	Orange S.A.	208	2	GSM 900, GSM 1800, UMTS 2100, UMTS 900, LTE 800, LTE 2600	Yes	Yes	Yes	Yes	No
France	Bouygues Telecom	208	20	GSM 900, GSM 1800, UMTS 2100, LTE 800, LTE 1800, LTE 2600, LTE 700, UMTS 900	Yes	Yes	Yes	Yes	No
France	Bouygues Telecom	208	88	GSM 900, GSM 1800, UMTS 2100, UMTS 900, LTE 700, LTE 1800, LTE 2600	Yes	Yes	Yes	Yes	No
France	Altice	208	10	GSM 900, GSM 1800, UMTS 2100, LTE 800, UMTS 900, LTE 1800, LTE 2600	Yes	Yes	Yes	Yes	No
France	SFR	208	103	GSM 900, UMTS 2100, UMTS 900, LTE 1800, LTE 2100, LTE 2600, LTE 800	Yes	Yes	Yes	Yes	No
France	SFR	208	93	GSM 900, UMTS 2100, UMTS 900, LTE 1800, LTE 2100, LTE 2600, LTE 800	Yes	Yes	Yes	Yes	No
France	BOUYGUES TELECOM	208	203	GSM 900, UMTS 2100, UMTS 900, LTE 1800, LTE 2100, LTE 2600, LTE 700, LTE 800	Yes	Yes	Yes	Yes	No
France	FREE MOBILE	208	153	UMTS 2100, UMTS 900, LTE 1800, LTE 2600, LTE 700	Yes	Yes	Yes	Yes	No
Gambia	Africell	607	2	GSM 900, GSM 1800, LTE, UMTS 2100	Yes	Yes	Yes	Yes	No
Gambia	AFRICELL	607	23	GSM 1800, GSM 900, UMTS 2100, LTE 800	Yes	Yes	Yes	Yes	No
Georgia	Silknet	282	1	GSM 900, GSM 1800, UMTS 2100, LTE 1800, LTE 900, LTE 2300	Yes	Yes	Yes	Yes	No
Georgia	VEON GEORGIA	282	43	GSM 1800, GSM 900, UMTS 2100, LTE 800	Yes	Yes	Yes	Yes	No
Georgia	MAGTICOM	282	23	GSM 1800, GSM 900, UMTS 2100, UMTS 900, LTE 1800, LTE 800	Yes	Yes	Yes	Yes	No
Georgia	Silknet	282	13	GSM 1800, GSM 900, UMTS 2100, LTE 1800	Yes	Yes	Yes	Yes	No
Germany	Telefonica Germany GmbH & Co. oHG	262	7	GSM 900, GSM 1800, LTE 800, LTE 1800, LTE 2600	Yes	No	Yes	Yes	No
Germany	Telefonica Germany GmbH & Co. oHG	262	3	GSM 900, GSM 1800, LTE 800, LTE 1800, LTE 2600, LTE 2100	Yes	No	Yes	Yes	No
Germany	Vodafone D2 GmbH	262	2	GSM 900, GSM 1800	Yes	No	No	Yes	No



Planetsim M2M Roaming Partners List

Country	Operator	MCC	MNC	Network type	2G	3G	LTE	Data	Direct Call
Germany	VODAFONE D2	262	23	GSM 900, LTE 1800, LTE 2100, LTE 2600, LTE 700, LTE 800, LTE 900	Yes	Yes	Yes	Yes	No
Germany	TELEKOM DEUTSCHLAND	262	13	GSM 900, LTE 1800, LTE 2100, LTE 2600, LTE 700, LTE 800, LTE 900	Yes	No	Yes	Yes	No
Germany	TELEKOM DEUTSCHLAND	901	403	GSM 1800, GSM 900, LTE 1800, LTE 2600, LTE 800	Yes	No	Yes	Yes	No
Germany	TELEFONICA O2 GERMANY	262	73	GSM 1800, GSM 900, LTE 1800, LTE 2600, LTE 800	Yes	No	Yes	Yes	No
Germany	TELEFONICA O2 GERMANY	262	33	GSM 900, LTE 1800, LTE 2100, LTE 2600, LTE 700, LTE 800, LTE 900	Yes	No	Yes	Yes	No
Gibraltar	Gibtelecom	266	1	GSM 900, GSM 1800, UMTS 2100	Yes	Yes	No	Yes	No
Gibraltar	GIBTELECOM	266	13	GSM 1800, GSM 900, UMTS 2100	Yes	Yes	No	Yes	No
Greece	Wind Hellas Telecommunications S.A.	202	10	GSM 900, GSM 1800, UMTS 2100, LTE 800, LTE 1800, LTE 2600	Yes	Yes	Yes	Yes	No
Greece	Vodafone Greece	202	5	GSM 900, GSM 1800, UMTS 2100, UMTS 900	Yes	Yes	No	Yes	No
Greece	VODAFONE GREECE	202	53	GSM 900, UMTS 2100, LTE	Yes	Yes	Yes	Yes	No
Greece	COSMOTEL	202	13	GSM 900, LTE 1800, LTE 2600, LTE 800	Yes	No	Yes	Yes	No
Greece	WIND HELLAS (TIM)	202	93	GSM 900, UMTS 2100, LTE 1800, LTE 2600, LTE 800	Yes	Yes	Yes	Yes	No
Greece	WIND HELLAS (TIM)	202	103	GSM 900, UMTS 2100, LTE 1800, LTE 2600, LTE 800	Yes	Yes	Yes	Yes	No
Greenland	TELE Greenland A/S	290	1	GSM 900, LTE 800, UMTS 900	Yes	Yes	Yes	Yes	No
Greenland	TELE GREENLAND A/S	290	13	GSM 900, UMTS 900, LTE 800	Yes	Yes	Yes	Yes	No
Grenada	Cable & Wireless Grenada Ltd.	352	110	GSM 850	Yes	No	No	Yes	No
Grenada	Digicel Bermuda	338	50	GSM 900, GSM 1800, GSM 1900, UMTS	Yes	Yes	No	Yes	No
Grenada	Digicel	338	5	GSM 900, GSM 1900, GSM 1800, UMTS	Yes	Yes	No	Yes	No
Grenada	CABLE & WIRELESS, GRENADA	352	1103	GSM 1800, GSM 900, UMTS 2100, LTE 1900, LTE 700	Yes	Yes	Yes	Yes	No
Grenada	DIGICEL GRENADA	338	503	GSM 1800, GSM 900, UMTS 2100, LTE 1900, LTE 700	Yes	Yes	Yes	Yes	No
Guadeloupe	DIGICEL Antilles Francaises Guyane	340	20	GSM 1800, GSM 900, UMTS 2100, LTE	Yes	Yes	Yes	Yes	No
Guadeloupe	DIGICEL ANTILLES FRANÇAISE GUYANE	340	203	GSM 900, UMTS 2100	Yes	Yes	No	Yes	No
Guatemala	Telecomunicaciones de Guatemala, S.A.	704	1	GSM 900, CDMA 1900, GSM 1900, UMTS 1900	Yes	Yes	No	Yes	No
Guatemala	SERCOM (CLARO)	704	13	GSM 900, UMTS 1900, LTE 1900, CDMA 1900	Yes	Yes	Yes	Yes	No
Guatemala	SERCOM (CLARO)	704	33	GSM 1900, UMTS 1900, LTE 1900, CDMA 1900	Yes	Yes	Yes	Yes	No
Haiti	Digicel	338	5	GSM 900, GSM 1900, GSM 1800, UMTS	Yes	Yes	No	Yes	No
Haiti	Digicel Bermuda	338	50	GSM 900, GSM 1800, GSM 1900, UMTS	Yes	Yes	No	Yes	No
Haiti	NATCOM	372	33	GSM 1800, GSM 900, UMTS 2100, LTE 800	Yes	Yes	Yes	Yes	No
Haiti	DIGICEL HAITI	338	503	GSM 1800, GSM 900, UMTS 2100	Yes	Yes	Yes	Yes	No
Holy See (Vatican City State)	Telecom Italia S.p.A	222	1	GSM 900, GSM 1800, UMTS 2100, LTE 800, LTE 1800, LTE 2600, UMTS 900, LTE 1500	Yes	Yes	Yes	Yes	No
Holy See (Vatican City State)	Vodafone Italia S.p.A.	222	10	GSM 900, GSM 1800, UMTS 2100, UMTS 900	Yes	Yes	No	Yes	No
Holy See (Vatican City State)	TIM ITALIA	222	13	GSM 900, UMTS 2100, UMTS 900, LTE 1500, LTE 1800, LTE 2600, LTE 800	Yes	Yes	Yes	Yes	No
Honduras	SERCOM HONDURAS S.A de C.V.	708	0	GSM 1900, UMTS 1900	Yes	Yes	No	Yes	No
Honduras	Servicios de Comunicaciones de Honduras S.A. de C.V.	708	1	GSM 1900, UMTS 1900	Yes	Yes	No	Yes	No
Honduras	CLARO HONDURAS	708	13	GSM 1900, UMTS 1900, LTE 1700	Yes	Yes	Yes	Yes	No
Hong Kong	Hutchison Telecom	454	3	UMTS 2100, LTE 1800, LTE 2600, UMTS 900, LTE 900	Yes	Yes	Yes	Yes	No
Hong Kong	SmarTone Mobile Communications Limited	454	6	GSM 900, GSM 1800, UMTS 2100, LTE 1800, LTE 2600, UMTS 850, LTE 900, LTE 2100	Yes	Yes	Yes	Yes	No
Hong Kong	HUTCHISON TELECOM (HK) LTD	454	43	GSM 1800, GSM 900	Yes	No	No	Yes	No
Hong Kong	HUTCHISON TELECOM (HK) LTD	454	33	UMTS 2100, UMTS 900	No	Yes	No	Yes	No
Hong Kong	CHINA MOBILE HONG KONG	454	123	GSM 1800, LTE 1800, LTE 2100, LTE 2600, LTE 900, TD-LTE 2300, TD-SCDMA 2000	Yes	No	Yes	Yes	No
Hong Kong	HKT LIMITED	454	3	GSM 1800, GSM 900, UMTS 2100, UMTS 900, LTE 1800, LTE 2600, LTE 900	Yes	Yes	Yes	Yes	No
Hong Kong	HKT LIMITED	454	193	UMTS 2100	Yes	Yes	No	Yes	No
Hungary	Vodafone Magyarorszag Zrt.	216	70	GSM 900, GSM 1800, UMTS 2100, UMTS 900	Yes	Yes	No	Yes	No
Hungary	Telenor Magyarorszag Zrt.	216	1	GSM 900, GSM 1800, UMTS 2100, LTE 800, LTE 1800, LTE 2600	Yes	Yes	Yes	Yes	No
Hungary	T-MOBILE HUNGARY	216	303	GSM 1800, GSM 900, UMTS 2100, LTE 1800, LTE 2600, LTE 800	Yes	Yes	Yes	Yes	No
Hungary	VODAFONE HUNGARY	216	703	GSM 900, GSM 1800, UMTS 2100, LTE	Yes	Yes	Yes	Yes	No
Hungary	TELENOR MAGYARORSZAG ZRT.	216	13	GSM 1800, GSM 900, UMTS 2100, LTE 1800, LTE 2600, LTE 800	Yes	Yes	Yes	Yes	No
Iceland	Nova ehf	274	11	UMTS 2100, LTE 1800	Yes	Yes	Yes	Yes	No
Iceland	Iceland Telecom	274	1	GSM 900, GSM 1800, UMTS 2100, LTE 1800, UMTS 900	Yes	Yes	Yes	Yes	No
Iceland	NOVA	274	113	UMTS 2100, LTE 1800	Yes	Yes	Yes	Yes	No
Iceland	SIMINN	274	13	GSM 900, UMTS 2100, UMTS 900, LTE 1800, LTE 2600	Yes	Yes	Yes	Yes	No
Iceland	VODAFONE ICELAND	274	23	GSM 900, UMTS 2100, LTE 1800, LTE 2100, LTE 800	Yes	Yes	Yes	Yes	No
India	Chennai	404	40	GSM 900, GSM 1800, LTE 1800, LTE 2100, LTE 2300	Yes	No	Yes	Yes	No
India	Karnataka	404	45	TD-LTE 2300, GSM 900, GSM 1800, LTE 1800, LTE 2100	Yes	No	Yes	Yes	No
India	Andhra Pradesh and Telangana	404	49	GSM 900, GSM 1800, LTE 1800, LTE 2100, LTE 2300	Yes	No	Yes	Yes	No
India	Kolkata	404	31	GSM 900, GSM 1800, LTE 1800, LTE 2100, LTE 2300	Yes	No	Yes	Yes	No
India	Madhya Pradesh	404	93	GSM 1800, GSM 900, LTE 1800, LTE 2100, LTE 2300	Yes	No	Yes	Yes	No
India	Haryana	404	96	GSM 1800, GSM 900, LTE 1800, LTE 2100, LTE 2300	Yes	No	Yes	Yes	No
India	Mumbai	404	92	GSM 1800, GSM 900, LTE 1800, LTE 2100, LTE 2300	Yes	No	Yes	Yes	No
India	Uttar Pradesh (West)	404	97	GSM 900, GSM 1800, LTE 1800, LTE 2100, LTE 2300	Yes	No	Yes	Yes	No
India	Gujarat	404	98	GSM 900, GSM 1800, LTE 1800, LTE 2100, LTE 2300	Yes	No	Yes	Yes	No
India	Himachal Pradesh	404	3	GSM 900, GSM 1800, LTE 1800, LTE 2100, LTE 2300	Yes	No	Yes	Yes	No
India	Kerala	404	95	GSM 1800, GSM 900, LTE 1800, LTE 2100, LTE 2300	Yes	No	Yes	Yes	No
India	Punjab	404	2	GSM 900, GSM 1800, LTE 1800, LTE 2100, LTE 2300	Yes	No	Yes	Yes	No
India	Delhi & NCR	404	10	GSM 900, GSM 1800, LTE 2100, LTE 1800, LTE 2300	Yes	No	Yes	Yes	No
India	Tamil Nadu	404	94	GSM 900, GSM 1800, LTE 1800, LTE 2100, LTE 2300	Yes	No	Yes	Yes	No
India	West Bengal	405	51	GSM 900, LTE 1800, GSM 1800, LTE 2100, LTE 2300	Yes	No	Yes	Yes	No
India	Bihar & Jharkhand	405	52	GSM 900, GSM 1800, LTE 1800, LTE 2100, LTE 2300	Yes	No	Yes	Yes	No
India	Orissa	405	53	GSM 900, GSM 1800, LTE 1800, LTE 2100, LTE 2300	Yes	No	Yes	Yes	No



Planetsim M2M Roaming Partners List

Country	Operator	MCC	MNC	Network type	2G	3G	LTE	Data	Direct Call
India	Uttar Pradesh (East)	405	54	GSM 900, GSM 1800, LTE 1800, LTE 2100, LTE 2300	Yes	No	Yes	Yes	No
India	Jammu & Kashmir	405	55	GSM 900, LTE 1800, LTE 2100, LTE 2300	Yes	No	Yes	Yes	No
India	North East	404	16	GSM 900, LTE 1800, LTE 2100, LTE 2300	Yes	No	Yes	Yes	No
India	Rajasthan	404	70	GSM 900, LTE 1800, LTE 2100, LTE 2300	Yes	No	Yes	Yes	No
India	Assam	405	56	GSM 900, GSM 1800, LTE 1800, LTE 2100, LTE 2300	Yes	No	Yes	Yes	No
India	Maharashtra	404	90	GSM 1800, GSM 900, LTE 1800, LTE 2100, LTE 2300	Yes	No	Yes	Yes	No
India	VODAFONE IDEA LIMITED	404	73	GSM 900, UMTS 2100	Yes	Yes	No	Yes	No
India	VODAFONE IDEA LIMITED	404	143	GSM 900	Yes	Yes	No	Yes	No
India	VODAFONE IDEA LIMITED	404	223	GSM 900, UMTS 2100	Yes	Yes	No	Yes	No
India	VODAFONE IDEA LIMITED	404	563	GSM 900	Yes	Yes	No	Yes	No
India	VODAFONE IDEA LIMITED	404	783	GSM 900, UMTS 2100	Yes	Yes	No	Yes	No
India	VODAFONE IDEA LIMITED	404	823	GSM 1800, UMTS 2100	Yes	Yes	No	Yes	No
India	VODAFONE IDEA LIMITED	405	703	GSM 1800, UMTS 2100	Yes	Yes	No	Yes	No
India	BHARTI AIRTEL LTD	404	23	GSM 1800, GSM 900, LTE 1800, LTE 2100, LTE 900, TD-LTE 2300	Yes	Yes	Yes	Yes	No
India	BHARTI AIRTEL LTD	404	33	GSM 1800, GSM 900, LTE 1800, LTE 2100, LTE 900, TD-LTE 2300	Yes	Yes	Yes	Yes	No
India	BHARTI AIRTEL LTD	404	103	GSM 1800, GSM 900, LTE 1800, LTE 2100, LTE 850, LTE 900, TD-LTE 2500	Yes	Yes	Yes	Yes	No
India	BHARTI AIRTEL LTD	404	163	GSM 1800, GSM 900, LTE 1800, LTE 2100, LTE 2300, LTE 900	Yes	Yes	Yes	Yes	No
India	BHARTI AIRTEL LTD	404	313	GSM 1800, GSM 900, LTE 1800, LTE 900, TD-LTE 2300	Yes	Yes	Yes	Yes	No
India	BHARTI AIRTEL LTD	404	403	GSM 1800, LTE 1800, LTE 2100, TD-LTE 2300	Yes	Yes	Yes	Yes	No
India	BHARTI AIRTEL LTD	404	453	GSM 1800, GSM 900, LTE 1800, LTE 2100, LTE 900, TD-LTE 2300	Yes	Yes	Yes	Yes	No
India	BHARTI AIRTEL LTD	404	493	GSM 1800, GSM 900, LTE 1800, LTE 2100, LTE 850, LTE 900, TD-LTE 2300	Yes	Yes	Yes	Yes	No
India	BHARTI AIRTEL LTD	404	703	GSM 1800, GSM 900, LTE 1800, LTE 2100, LTE 900, TD-LTE 2300	Yes	Yes	Yes	Yes	No
India	BHARTI AIRTEL LTD	404	903	GSM 1800, LTE 1800, LTE 2100, LTE 850, TD-LTE 2300	Yes	Yes	Yes	Yes	No
India	BHARTI AIRTEL LTD	404	923	GSM 1800, GSM 900, LTE 1800, LTE 2100, LTE 850, LTE 900, TD-LTE 2300	Yes	Yes	Yes	Yes	No
India	BHARTI AIRTEL LTD	404	933	GSM 1800, UMTS 1800, LTE 2100, TD-LTE 2300	Yes	Yes	Yes	Yes	No
India	BHARTI AIRTEL LTD	404	943	GSM 1800, LTE 1800, LTE 2100, TD-LTE 2300	Yes	Yes	Yes	Yes	No
India	BHARTI AIRTEL LTD	404	953	GSM 1800, LTE 1800, LTE 2100, TD-LTE 2300	Yes	Yes	Yes	Yes	No
India	BHARTI AIRTEL LTD	404	963	GSM 1800, LTE 1800, LTE 2100, LTE 850, TD-LTE 2300	Yes	Yes	Yes	Yes	No
India	BHARTI AIRTEL LTD	404	973	GSM 1800, LTE 1800, LTE 2100, TD-LTE 2300	Yes	Yes	Yes	Yes	No
India	BHARTI AIRTEL LTD	404	983	GSM 1800, LTE 1800, LTE 2100, TD-LTE 2300	Yes	Yes	Yes	Yes	No
India	BHARTI AIRTEL LTD	405	513	GSM 900, UMTS 2100, LTE 2100	Yes	Yes	Yes	Yes	No
India	BHARTI AIRTEL LTD	405	523	LTE	Yes	Yes	Yes	Yes	No
India	BHARTI AIRTEL LTD	405	533	GSM 900, UMTS 2100, LTE 2100	Yes	Yes	Yes	Yes	No
India	BHARTI AIRTEL LTD	405	543	GSM 900, UMTS 2100, LTE 2100	Yes	Yes	Yes	Yes	No
India	BHARTI AIRTEL LTD	405	553	GSM 900, UMTS 2100, LTE 2100	Yes	Yes	Yes	Yes	No
India	BHARTI AIRTEL LTD	405	563	GSM 900, LTE 1800, LTE 2100, LTE 900, TD-LTE 2500	Yes	Yes	Yes	Yes	No
India	Bharti Airtel	404	21	GSM 1800, GSM 900, LTE 1800, LTE 2100, LTE 2300	Yes	No	Yes	Yes	No
India	Bharti Airtel	404	31	GSM 1800, GSM 900, LTE 1800, LTE 2100, LTE 2300	Yes	No	Yes	Yes	No
India	Bharti Airtel	404	101	GSM 1800, GSM 900, LTE 1800, LTE 2100, LTE 2300	Yes	No	Yes	Yes	No
India	Bharti Airtel	404	161	GSM 900, LTE 1800, LTE 2100, LTE 2300	Yes	No	Yes	Yes	No
India	Bharti Airtel	404	311	GSM 1800, GSM 900, LTE 1700, LTE 2100, LTE 2300	Yes	No	Yes	Yes	No
India	Bharti Airtel	404	401	GSM 1800, GSM 900, LTE 1800, LTE 2100, LTE 2300	Yes	No	Yes	Yes	No
India	Bharti Airtel	404	451	GSM 1800, GSM 900, LTE 1800, LTE 2100, LTE 2300	Yes	No	Yes	Yes	No
India	Bharti Airtel	404	491	GSM 1800, GSM 900, LTE 1800, LTE 2100, LTE 2300	Yes	No	Yes	Yes	No
India	Bharti Airtel	404	701	GSM 1800, GSM 900, LTE 1800, LTE 2100, LTE 2300	Yes	No	Yes	Yes	No
India	Bharti Airtel	404	901	GSM 1800, GSM 900, LTE 1700, LTE 2100, LTE 2300	Yes	No	Yes	Yes	No
India	Bharti Airtel	404	921	GSM 1800, GSM 900, LTE 1800, LTE 2100, LTE 2300	Yes	No	Yes	Yes	No
India	Bharti Airtel	404	931	GSM 1800, GSM 900, LTE 1800, LTE 2100, LTE 2300	Yes	No	Yes	Yes	No
India	Bharti Airtel	404	941	GSM 1800, GSM 900, LTE 1800, LTE 2100, LTE 2300	Yes	No	Yes	Yes	No
India	Bharti Airtel	404	951	GSM 1800, GSM 900, LTE 1800, LTE 2100, LTE 2300	Yes	No	Yes	Yes	No
India	Bharti Airtel	404	961	GSM 1800, GSM 900, LTE 1700, LTE 2100, LTE 2300	Yes	No	Yes	Yes	No
India	Bharti Airtel	404	971	GSM 1800, GSM 900, LTE 1800, LTE 2100, LTE 2300	Yes	No	Yes	Yes	No
India	Bharti Airtel	404	981	GSM 1800, GSM 900, LTE 1800, LTE 2100, LTE 2300	Yes	No	Yes	Yes	No
India	Bharti Airtel	405	511	GSM 1800, GSM 900, LTE 1700, LTE 2100, LTE 2300	Yes	No	Yes	Yes	No
India	Bharti Airtel	405	521	GSM 1800, GSM 900, LTE 1700, LTE 1900, LTE 2100	Yes	No	Yes	Yes	No
India	Bharti Airtel	405	531	GSM 1800, GSM 900, LTE 1700, LTE 2100, LTE 2300	Yes	No	Yes	Yes	No
India	Bharti Airtel	405	541	GSM 1800, GSM 900, LTE 1800, LTE 2100, LTE 2300	Yes	No	Yes	Yes	No
India	Bharti Airtel	405	561	GSM 1800, GSM 900, LTE 1800, LTE 2100, LTE 2300	Yes	No	Yes	Yes	No
Indonesia	PT Indonesian Satellite Corporation Tbk (INDOSAT)	510	1	GSM 900, GSM 1800, UMTS 2100, LTE 1800, LTE 900	Yes	Yes	Yes	Yes	No
Indonesia	Telkomsel Indonesia	510	10	GSM 1800, GSM 900	Yes	No	Yes	Yes	No
Indonesia	PT. HUTCHISON 3 INDONESIA	510	893	GSM 1800, UMTS 2100, LTE 1800	Yes	Yes	Yes	Yes	No
Indonesia	PT Telekomunikasi Selular	510	101	GSM 1800, GSM 900, LTE 1800, LTE 900, TD-LTE 2300	Yes	No	Yes	Yes	No
Iraq	Telecom Ltd	418	40	GSM 900, 3G 2100	Yes	Yes	Yes	Yes	No
Ireland	Hutchison 3G Ireland limited	272	2	UMTS 2100	No	Yes	No	Yes	No
Ireland	Eir Group plc	272	3	GSM 900, GSM 1800, UMTS 2100, LTE 800, LTE 1800	Yes	Yes	Yes	Yes	No
Ireland	Hutchison 3G Ireland limited	272	5	UMTS 2100	No	Yes	No	Yes	No
Ireland	VODAFONE IRELAND	272	13	GSM 1800, GSM 900, UMTS 2100, LTE 1800, LTE 800	Yes	Yes	Yes	Yes	No
Ireland	VODAFONE IRELAND	901	283	UMTS 1800	Yes	Yes	Yes	Yes	No
Ireland	HUTCHISON 3G IRELAND LTD	272	53	UMTS 900, UMTS 2100, LTE 1800, LTE 2100, LTE 800	No	Yes	Yes	Yes	No



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Country	Operator	MCC	MNC Network type	2G	3G	LTE	Data	Direct Call
Ireland	HUTCHISON 3G IRELAND LTD	272	23 UIMS 2100	No	Yes	Yes	Yes	No
Ireland	EIR	272	33 GSM 900, UMS 2100, UMS 900, LTE 1800, LTE 2100, LTE 800	Yes	Yes	Yes	Yes	No
Ireland	Hutchison 3G Ireland limited	272	21 UIMS 2100	No	Yes	No	Yes	No
Ireland	HUTCHISON 3G IRELAND LTD	272	51 UMS 2100, UMS 900	No	Yes	No	Yes	No
Israel	Partner Communications Company Ltd	425	1 GSM 1800, GSM 900, UMS 2100, LTE 1800	Yes	Yes	Yes	Yes	No
Israel	Cellcom Israel Ltd.	425	2 GSM 1800, UMS 2100, UMS 850	Yes	Yes	No	Yes	No
Israel	PARTNER COMMUNICATIONS (ORANGE)	425	13 GSM 1800, GSM 900, UMS 2100, UMS 900	Yes	Yes	No	Yes	No
Israel	HOT MOBILE	425	73 UMS 2100, LTE 1800, LTE 2100, IDEN 800	Yes	Yes	Yes	Yes	No
Israel	IL PELEPHONE	425	33 UMS 2100, UMS 850, LTE 1800	Yes	Yes	Yes	Yes	No
Israel	Pelephone Communications Ltd.	425	31 UMS 2100, UMS 850, LTE 1800	Yes	Yes	Yes	Yes	No
Israel	Partner Communications Company Ltd	425	11 GSM 1800, GSM 900, UMS 2100, UMS 900, LTE 1800, LTE 2100	Yes	Yes	Yes	Yes	No
Italy	Telecom Italia S.p.A	222	1 GSM 900, GSM 1800, UMS 2100, LTE 800, LTE 1800, LTE 2600, UMS 900, LTE 1500	Yes	Yes	Yes	Yes	No
Italy	Vodafone Italia S.p.A.	222	10 GSM 900, GSM 1800, UMS 2100, UMS 900	Yes	Yes	No	Yes	No
Italy	VODAFONE OMNITEL	222	103 GSM 900, GSM 1800, LTE	Yes	No	Yes	Yes	No
Italy	WIND TRE S.P.A.	222	883 UMS 900, UMS 2100, LTE 1800, LTE 2100, LTE 2600, LTE 800	No	Yes	Yes	Yes	No
Italy	ILIAD ITALIA S.P.A.	222	503 UMS 900, LTE 1800, LTE 2100, LTE 2600	Yes	Yes	Yes	Yes	No
Italy	TIM ITALIA	222	13 GSM 900, UMS 2100, UMS 900, LTE 1500, LTE 1800, LTE 2600, LTE 800	Yes	Yes	Yes	Yes	No
Italy	Wind Tre	222	881 UMS 2100, UMS 900	No	Yes	No	Yes	No
Jamaica	Cable & Wireless Communications	338	180 GSM 850, GSM 1900	Yes	No	No	Yes	No
Jamaica	Digicel Bermuda	338	50 GSM 900, GSM 1800, GSM 1900, UMS	Yes	Yes	No	Yes	No
Jamaica	Digicel	338	5 GSM 900, GSM 1900, GSM 1800, UMS	Yes	Yes	No	Yes	No
Jamaica	CABLE & WIRELESS, JAMAICA	338	1803 GSM 1900, GSM 850, UMS 1900, UMS 850, LTE 1700, LTE 1900, LTE 700	Yes	Yes	Yes	Yes	No
Jamaica	DIGICEL	338	503 GSM 1900, GSM 900, UMS 850, LTE 1700, LTE 1900, LTE 700	Yes	Yes	Yes	Yes	No
Japan	NTT DoCoMo, Inc.	440	10 UMS 2100, LTE 1800, LTE 700, LTE 2100, LTE 850, TD-LTE 3500, LTE 1500, UMS 1800, UMS 850	No	Yes	Yes	Yes	No
Japan	NTT DOCOMO	440	103 UMS 2100, UMS 850, LTE 1500, LTE 1800, LTE 2100, LTE 700, LTE 850, TD-LTE 3500, TD-LTE 2500	No	Yes	Yes	Yes	No
Japan	SOFTBANK MOBILE CORP	440	203 UMS 2100, UMS 900, LTE 1500, LTE 1800, LTE 2100, LTE 700, LTE 900, TD-LTE 2500, TD-LTE 3500	No	Yes	Yes	Yes	No
Japan	SoftBank Corp.	440	201 UMS 2100, UMS 900, LTE 1500, LTE 1800, LTE 2100, LTE 700, LTE 900, TD-LTE 3500	No	Yes	Yes	Yes	No
Jordan	Jordan Mobile Telephone Services	416	1 GSM 900, LTE 1800	Yes	Yes	Yes	Yes	No
Jordan	ORANGE (MOBILECOM)	416	773 GSM 900, UMS 2100, LTE 1800, LTE 2600	Yes	Yes	Yes	Yes	No
Kazakhstan	Kcell JSC	401	2 GSM 900, GSM 1800, LTE 800, LTE 1800, 3G 2100	Yes	Yes	Yes	Yes	No
Kazakhstan	KaR-Tel LLP	401	1 GSM 900, GSM 1800, LTE 800, LTE 1800, LTE 2100, 3G 2100	Yes	Yes	Yes	Yes	No
Kazakhstan	KAR-TEL, BEELINE	401	13 GSM 1800, GSM 900, UMS 2100, LTE 1800, LTE 2100, LTE 800	Yes	Yes	Yes	Yes	No
Kazakhstan	TELEZ KAZAKHSTAN	401	773 GSM 1800, GSM 900, UMS 900, LTE 2100	Yes	Yes	Yes	Yes	No
Kazakhstan	Kcell JSC	401	21 GSM 1800, GSM 900, UMS 2100, LTE 1800, LTE 2100, LTE 800	Yes	Yes	Yes	Yes	No
Kazakhstan	MTS	401	771 GSM 1800, GSM 900, UMS 2100, UMS 900	Yes	Yes	Yes	Yes	No
Korea Republic of	KT	450	8 UMS 2100, LTE 1800, LTE 900, LTE 2100	No	Yes	Yes	Yes	No
Korea Republic of	SK Telecom	450	5 UMS 2100, LTE 1800, LTE 2600, LTE 2100, LTE 850, CDMA2000 800	No	Yes	Yes	Yes	No
Korea Republic of	SK TELECOM	450	53 UMS 2100, LTE 1800, LTE 2100, LTE 2600, LTE 850	No	Yes	Yes	Yes	No
Korea Republic of	KT CORPORATION	450	83 UMS 2100, LTE 1800, LTE 2100, LTE 900	No	Yes	Yes	Yes	No
Korea Republic of	SK Telecom	450	51 UMS 2100, LTE 1800, LTE 2100, LTE 2600, LTE 850, CDMA2000 800	No	Yes	Yes	Yes	No
Kosovo	Monaco Telecom	212	1 GSM 900, UMS 2100	Yes	Yes	No	Yes	No
Kosovo	Telekom Srbija	220	3 GSM 900, GSM 1800, UMS 2100, LTE 1800, TETRA	Yes	Yes	Yes	Yes	No
Kosovo	IPKO NET	221	23 GSM 1800, GSM 900, UMS 2100	Yes	Yes	No	Yes	No
Kuwait	National Mobile Telecommunications	419	3 GSM 900, GSM 1800, UMS 2100, LTE 800, LTE 1800	Yes	Yes	Yes	Yes	No
Kuwait	STC KUWAIT	419	43 GSM 1800, GSM 900, UMS 2100, LTE 1800	Yes	Yes	Yes	Yes	No
Kuwait	ZAIN KUWAIT	419	23 GSM 1800, GSM 900, UMS 2100, LTE 1800	Yes	Yes	Yes	Yes	No
Kuwait	Kuwait Telecommunication Company	419	41 GSM 1800, GSM 900, UMS 2100, LTE 1800	Yes	Yes	Yes	Yes	No
Kyrgyzstan	Alfa Telecom CJSC	437	5 GSM 900, GSM 1800, UMS 2100, UMS 900	Yes	Yes	No	Yes	No
Kyrgyzstan	SKY MOBILE (BEELINE)	437	13 GSM 1800, GSM 900, UMS 2100	Yes	Yes	No	Yes	No
Latvia	Latvian Mobile Telephone	247	1 GSM 900, GSM 1800, LTE 1800, LTE 2600	Yes	No	Yes	Yes	No
Latvia	BITE LATVIJA	247	53 GSM 1800, GSM 900, UMS 2100, LTE 1800, LTE 2600, LTE 800	Yes	Yes	Yes	Yes	No
Latvia	TELEZ LATVIJA	247	23 GSM 1800, GSM 900, UMS 2100, LTE 1800, LTE 2600, LTE 800	Yes	Yes	Yes	Yes	No
Latvia	LMT	247	13 GSM 1800, GSM 900, UMS 2100, UMS 900, LTE 1800, LTE 2600	Yes	Yes	Yes	Yes	No
Lebanon	MIC 1	415	1 GSM 900, UMS 2100	Yes	Yes	No	Yes	No
Liechtenstein	A1 Telekom Austria	232	1 GSM 900, GSM 1800, UMS 2100, LTE 800, LTE 2600	Yes	Yes	Yes	Yes	No
Liechtenstein	Telecom Liechtenstein AG	295	5 GSM 900, GSM 1800, UMS 2100, LTE 800	Yes	Yes	Yes	Yes	No
Liechtenstein	TELECOM LIECHTENSTEIN AG	295	53 GSM 900, UMS 2100	Yes	Yes	No	Yes	No
Lithuania	Telia Lietuva	246	1 GSM 900, GSM 1800, LTE 800, LTE 1800, LTE 2600, LTE 2100	Yes	No	Yes	Yes	No
Lithuania	BITE LIETUVA	246	23 GSM 1800, GSM 900, UMS 2100, UMS 900, LTE 1800, LTE 2600, LTE 800	Yes	Yes	Yes	Yes	No
Lithuania	TELIA LIETUVA	246	13 GSM 1800, GSM 900, UMS 900, LTE 1800, LTE 2100, LTE 2600, LTE 800	Yes	Yes	Yes	Yes	No
Lithuania	TELEZ LIETUVA	246	33 GSM 1800, GSM 900, UMS 2100, UMS 900, LTE 1800, LTE 2600, LTE 800	Yes	Yes	Yes	Yes	No
Luxembourg	Tango SA	270	77 GSM 900, GSM 1800, UMS 2100, LTE 800, LTE 1800	Yes	Yes	Yes	Yes	No
Luxembourg	Orange S.A.	270	99 GSM 900, GSM 1800, UMS 2100, LTE 1800	Yes	Yes	Yes	Yes	No
Luxembourg	POST LUXEMBOURG	270	13 GSM 1800, GSM 900, UMS 2100, LTE	Yes	Yes	Yes	Yes	No
Luxembourg	TANGO MOBILE SA	270	773 GSM 1800, GSM 900, UMS 2100, LTE 1800, LTE 800	Yes	Yes	Yes	Yes	No
Luxembourg	ORANGE COMMUNICATIONS LUXEMBOURG S.A.	270	993 GSM 1800, GSM 900, UMS 2100, LTE 1800	Yes	Yes	Yes	Yes	No
Macao	Companhia de Telecomunicações de Macau, S.A.R.L.	455	1 GSM 900, GSM 1800, LTE 1800, 3G 2100	Yes	Yes	Yes	Yes	No
Macao	C.T.M. MACAU	455	13 LTE 1800	No	Yes	Yes	Yes	No
Macao	Companhia de Telecomunicações de Macau, S.A.R.L.	455	11 GSM 1800, GSM 900, 3G 2100, LTE 1800	Yes	Yes	Yes	Yes	No



Planetsim M2M Roaming Partners List

Country	Operator	MCC	MNC Network type	2G	3G	LTE	Data	Direct Call
Macedonia the Former Yugoslav Republic of	ONE.VIP DOO	294	3 GSM 900, GSM 1800, UMTS 2100, LTE 800, LTE 1800, UMTS 900	Yes	Yes	Yes	Yes	No
Macedonia the Former Yugoslav Republic of	A1 MAKEDONIJA	294	33 GSM 1800, GSM 900, UMTS 2100, UMTS 900, LTE 1800, LTE 2100, LTE 800	Yes	Yes	Yes	No	No
Macedonia the Former Yugoslav Republic of	ONE.VIP DOO	294	31 GSM 900, UMTS 2100, LTE 1800, LTE 800	Yes	Yes	Yes	Yes	No
Malaysia	Maxis Communications Berhad	502	12 GSM 900, GSM 1800, LTE 1800, LTE 2600	Yes	No	Yes	Yes	No
Malaysia	DIGI Telecommunications	502	16 GSM 1800, UMTS 2100, LTE 1800, LTE 2600, LTE 900	Yes	Yes	Yes	Yes	No
Malaysia	MAXIS	502	123 GSM 1800, GSM 900, LTE 1800, LTE 2600	Yes	No	Yes	Yes	No
Malaysia	CELCOM BERHAD	502	193 GSM 1800, GSM 900, UMTS 2100, LTE 2600	Yes	Yes	Yes	Yes	No
Malaysia	CELCOM BERHAD	502	133 GSM 1800, GSM 900, UMTS 2100, LTE 1800, LTE 2600	Yes	Yes	Yes	Yes	No
Malaysia	DIGI TELECOM	502	163 GSM 1800, LTE 1800, LTE 2100, LTE 2600, LTE 900	Yes	Yes	Yes	Yes	No
Malaysia	Maxis Communications Berhad	502	121 GSM 1800, GSM 900, LTE 1800, LTE 2600	Yes	No	Yes	Yes	No
Malta	Mobile Communications Limited	278	21 GSM 900, UMTS 2100, LTE 800, LTE 1800	Yes	Yes	Yes	Yes	No
Malta	MELITA MOBILE	278	773 UMTS 2100, UMTS 900, LTE 2100, LTE 800	Yes	Yes	Yes	Yes	No
Malta	VODAFONE MALTA LTD	278	13 GSM 1800, GSM 900, UMTS 2100, LTE	Yes	Yes	Yes	Yes	No
Malta	EPIC	901	193 GSM	Yes	Yes	Yes	Yes	No
Malta	GO MOBILE	278	213 GSM 900, UMTS 2100	Yes	Yes	No	Yes	No
Martinique	DIGICEL Antilles Francaises Guyane	340	20 GSM 1800, GSM 900, UMTS 2100, LTE	Yes	Yes	Yes	Yes	No
Martinique	DIGICEL ANTILLES FRANÇAISE GUYANE	340	203 GSM 900, UMTS 2100	Yes	No	Yes	Yes	No
Mauritius	Cellplus Mobile Communications Ltd.	617	1 GSM 900, GSM 1800, UMTS 2100, LTE 1800	Yes	Yes	Yes	Yes	No
Mauritius	MY.T	617	13 GSM 1800, GSM 900, UMTS 2100, LTE 1800	Yes	Yes	Yes	Yes	No
Mexico	Radiomovil Dipsa S.A. de C.V. - Telcel	334	2 GSM 1900, GSM 850, UMTS 850, LTE 1700, LTE 2100	Yes	Yes	Yes	Yes	No
Mexico	América Móvil	334	20 LTE 2600, GSM 1900, UMTS 850, LTE 1700, UMTS 1900	Yes	Yes	Yes	Yes	No
Mexico	Telefónica	334	30 GSM 1900, UMTS 850, LTE 1900	Yes	Yes	Yes	Yes	No
Mexico	MOVISTAR	334	3 GSM, GSM 850	Yes	Yes	Yes	Yes	No
Mexico	TELCEL	334	203 UMTS 1900, UMTS 850, LTE 1700, LTE 2600, LTE 850	Yes	Yes	Yes	Yes	No
Mexico	AT&T MEXICO	334	503 UMTS 1700, UMTS 1900, UMTS 850, LTE 1700, LTE 2600, LTE 850, TD-LTE 2600	Yes	Yes	Yes	Yes	No
Mexico	AT&T MEXICO	334	903 UMTS 1700, LTE 1700, LTE 850	Yes	Yes	Yes	Yes	No
Mexico	AT&T MEXICO	334	703 Unknown	Yes	Yes	Yes	Yes	No
Mexico	AT&T MEXICO	901	443 UMTS 1900, UMTS 850, LTE 1700, LTE 1900, LTE 2100, LTE 700, LTE 850	Yes	Yes	Yes	Yes	No
Mexico	Radiomovil Dipsa S.A. de C.V. - Telcel	334	21 UMTS 1900, UMTS 850, LTE 1700, LTE 2600, LTE 850	Yes	Yes	Yes	Yes	No
Mexico	MOVISTAR	334	31 GSM, GSM 850	Yes	Yes	Yes	Yes	No
Moldova Republic of	Moldcell	259	2 GSM 900, GSM 1800, UMTS 2100	Yes	Yes	No	Yes	No
Moldova Republic of	Moldtelecom	259	5 UMTS 2100, UMTS 900	Yes	Yes	No	Yes	No
Moldova Republic of	Orange Moldova	259	1 GSM 900, GSM 1800, UMTS 2100	Yes	Yes	No	Yes	No
Moldova Republic of	ORANGE MOLDOVA	259	13 GSM 1800, GSM 900, UMTS 2100, LTE 1800, LTE 2600, LTE 800	Yes	Yes	Yes	Yes	No
Moldova Republic of	MOLDCELL	259	23 GSM 1800, GSM 900, UMTS 2100, LTE 1800, LTE 2600	Yes	Yes	Yes	Yes	No
Moldova Republic of	Orange Moldova	259	11 GSM 1800, GSM 900, UMTS 2100, LTE 1800, LTE 2600, LTE 800	Yes	Yes	Yes	Yes	No
Monaco	Monaco Telecom	212	10 GSM 1800, UMTS 2100, UMTS 900	Yes	Yes	No	Yes	No
Monaco	MONACO TELECOM S.A.M.	212	103 GSM 1800, GSM 900, UMTS 2100	Yes	Yes	No	Yes	No
Montenegro	MTEL CG	297	3 GSM 900, GSM 1800, UMTS 2100, LTE	Yes	Yes	Yes	Yes	No
Montenegro	T-Mobile Montenegro LLC	297	2 GSM 900, UMTS 2100, LTE 1800	Yes	Yes	Yes	Yes	No
Montenegro	MTEL D.O.O. PODGORICA	297	33 GSM 1800, GSM 900, UMTS 2100, LTE	Yes	Yes	Yes	Yes	No
Montenegro	TELENOR MONTENEGRO	297	13 GSM 1800, GSM 900, UMTS 2100, LTE 1800	Yes	Yes	Yes	Yes	No
Montserrat	Cable & Wireless	354	860 GSM 850	Yes	No	No	Yes	No
Montserrat	DIGICEL ARUBA	338	503 GSM 1800, GSM 900, UMTS 2100, LTE 1800	Yes	Yes	Yes	Yes	No
Montserrat	CABLE & WIRELESS, MONTSERRAT	354	8603 GSM 850	Yes	Yes	Yes	Yes	No
Morocco	Itissalat Al-Maghrib (Maroc Telecom)	604	1 GSM 900, GSM 1800, UMTS 2100, LTE 800, LTE 2600	Yes	Yes	Yes	Yes	No
Morocco	Itissalat Al-Maghrib (Maroc Telecom)	604	1 GSM 1800, GSM 900, UMTS 2100, LTE 2600, LTE 800	Yes	Yes	Yes	Yes	No
Myanmar	Telenor Myanmar	414	6 GSM 900, UMTS 2100	Yes	Yes	No	Yes	No
Myanmar	MYTEL	414	93 GSM 900, UMTS 900, UMTS 2100, LTE 2100, LTE 900	Yes	Yes	Yes	Yes	No
Myanmar	TELENOR MYANMAR LIMITED	414	63 GSM 900, UMTS 2100	Yes	Yes	Yes	Yes	No
Nepal	Ncell Pvt. Ltd.	429	2 GSM 900, GSM 1800, UMTS 2100	Yes	Yes	No	Yes	No
Netherlands	KPN Mobile The Netherlands B.V.	204	8 GSM 900, GSM 1800, UMTS 2100, LTE 800, LTE 1800, LTE 2600, UMTS 900, LTE 2100	Yes	Yes	Yes	Yes	No
Netherlands	Vodafone Libertel B.V.	204	4 GSM 900, GSM 1800, UMTS 2100, UMTS 900	Yes	Yes	No	Yes	No
Netherlands	VODAFONE LIBERTEL	204	43 GSM 900, LTE 1800, LTE 2100, LTE 2600, LTE 800	Yes	No	Yes	Yes	No
Netherlands	KPN B.V. THE NETHERLANDS	204	83 UMTS 900, UMTS 2100, LTE 1800, LTE 2100, LTE 2600, LTE 800, TD-LTE 2600	No	Yes	Yes	Yes	No
Netherlands Antilles	Curacao Telecom N.V.	362	69 GSM 900, GSM 1800	Yes	No	No	Yes	No
Netherlands Antilles	DIGICEL	362	693	No	Yes	No	Yes	No
Netherlands Antilles	TELCELL ST. MAARTEN	362	513 GSM 900	Yes	No	No	Yes	No
New Zealand	Spark New Zealand	530	5 UMTS 2100, UMTS 850	Yes	Yes	No	Yes	No
New Zealand	TWO DEGREES MOBILE LTD.	530	243 UMTS 2100, UMTS 900, LTE 1800, LTE 2100, LTE 700, LTE 900	Yes	Yes	Yes	Yes	No
New Zealand	TWO DEGREES MOBILE LTD.	530	243 UMTS 2100, UMTS 900, LTE 1800, LTE 2100, LTE 700, LTE 900	No	Yes	Yes	Yes	No
New Zealand	Spark New Zealand	530	51 UMTS 2100, UMTS 850, LTE 1800, LTE 2600, LTE 700, TD-LTE 2300	Yes	Yes	Yes	Yes	No
Nicaragua	Empresa Nicaraguense de Telecomunicaciones, S.A. (ENITEL) (América l	710	21 GSM 1900, UMTS 850, LTE 1700	Yes	Yes	Yes	Yes	No
Nicaragua	ENITEL (CLARO)	710	213 GSM 1900, GSM 850, LTE 1700	Yes	Yes	Yes	Yes	No
Nicaragua	ENITEL (CLARO)	710	733 GSM 1900, UMTS 850	Yes	Yes	Yes	Yes	No
Nicaragua	Empresa Nicaraguense de Telecomunicaciones, S.A. (ENITEL) (América l	710	211 GSM 1900, UMTS 850	Yes	Yes	No	Yes	No
Norway	TeliaSonera Norge AS	242	2 GSM 900, GSM 1800, UMTS 2100, LTE 800, LTE 1800, LTE 2600, UMTS 900	Yes	Yes	Yes	Yes	No
Norway	TELENOR NORGE AS	242	13 GSM 1800, GSM 900, LTE 1800, LTE 2600, LTE 800	Yes	No	Yes	Yes	No
Norway	TELIA NORGE AS	242	23 GSM 1800, GSM 900, LTE 1800, LTE 2600, LTE 800	Yes	No	Yes	Yes	No



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Country	Operator	MCC	MNC Network type	2G	3G	LTE	Data	Direct Call
Norway	TELIA NORGE AS	242	53 GSM 900	Yes	No	Yes	Yes	No
Oman	Oman Telecommunications Company	422	2 GSM 900, GSM 1800, LTE 1800, UMTS 900, TD-LTE 2300	Yes	Yes	Yes	Yes	No
Oman	OMANTEL	422	23 GSM 1800, GSM 900, UMTS 900, LTE 1800, TD-LTE 2300	Yes	Yes	Yes	Yes	No
Pakistan	Pakistan Telecommunication Mobile Ltd	410	3 GSM 900, GSM 1800, UMTS 2100, UMTS 900	Yes	Yes	No	Yes	No
Pakistan	CMPAK LIMITED	410	43 Unknown	Yes	Yes	Yes	Yes	No
Pakistan	TELENOR PAKISTAN PVT. LTD	410	63 GSM 1800, GSM 900	Yes	No	No	Yes	No
Palestinian State of	Palestine Cellular Communications Ltd.	425	5 GSM 900	Yes	No	No	Yes	No
Panama	América Móvil	714	3 GSM 1900, UMTS 1900	Yes	Yes	No	Yes	No
Panama	Digicel Group	714	4 UMTS 1900	No	Yes	No	Yes	No
Panama	CLARO PANAMA	714	33 GSM 1900, UMTS 1900, LTE 1900, LTE 700	Yes	Yes	Yes	Yes	No
Panama	TIGO PANAMA	714	203 GSM 850	Yes	Yes	No	Yes	No
Paraguay	AMX Paraguay S.A.	744	2 GSM 1900, LTE 1700, UMTS 1900	Yes	Yes	Yes	Yes	No
Paraguay	CLARO PARAGUAY	744	23 GSM 1900, UMTS 1900, LTE 1700	Yes	Yes	Yes	Yes	No
Peru	América Móvil Perú	716	10 GSM 1900, UMTS 850	Yes	Yes	No	Yes	No
Peru	AMERICA MOVIL PERU (CLARO)	716	103 GSM 1900, GSM 850	Yes	No	Yes	Yes	No
Peru	BITEL PERU	716	153 GSM 1900, UMTS 1900	Yes	Yes	No	Yes	No
Peru	Telefónica del Perú S.A.A.	716	61 GSM 1900, GSM 850, UMTS 1900, UMTS 850, LTE 1700, LTE 700, CDMA2000 850	Yes	Yes	Yes	Yes	No
Philippines	Globe Telecom	515	2 GSM 900, GSM 1800, UMTS 2100, LTE 1800, UMTS 850, UMTS 900	Yes	Yes	Yes	Yes	No
Philippines	PLDT via Smart Communications	515	3 GSM 900, GSM 1800, UMTS 2100, LTE 1800, UMTS 850, LTE 700, LTE 2100, TD-LTE 2300, LTE 850, TD-LTE	Yes	Yes	Yes	Yes	No
Philippines	GLOBE TELECOM	515	23 GSM 1800, GSM 900, UMTS 2100, UMTS 900, LTE 1800, LTE 700, TD-LTE 2300, TD-LTE 2500	Yes	Yes	Yes	Yes	No
Philippines	Globe Telecom	515	21 GSM 1800, GSM 900, UMTS 2100, UMTS 850, UMTS 900, LTE 1800	Yes	Yes	Yes	Yes	No
Philippines	PLDT via Smart Communications	515	31 GSM 1800, GSM 900, UMTS 2100, UMTS 850, LTE 1800, LTE 2100, LTE 700, LTE 850, TD-LTE 2300, TD-LTE	Yes	Yes	Yes	Yes	No
Poland	Polska Telefonia Komorkowa Centertel Sp. z o.o.	260	3 GSM 900, GSM 1800, UMTS 2100, UMTS 900, LTE 2100	Yes	Yes	Yes	Yes	No
Poland	Polkomtel Sp. z o.o.	260	1 GSM 900, GSM 1800, UMTS 2100, LTE 1800, LTE 2600, UMTS 900, LTE 900	Yes	Yes	Yes	Yes	No
Poland	POLKOMTEL	260	13 GSM 1800, GSM 900, UMTS 900, UTM5 2100, LTE 1800, LTE 2100, TD-LTE 2600, LTE 900	Yes	Yes	Yes	Yes	No
Poland	T-MOBILE POLSKA S.A.	260	23 GSM 1800, GSM 900, UMTS 2100, UMTS 900, LTE 1800, LTE 2100	Yes	Yes	Yes	Yes	No
Poland	ORANGE POLSKA S.A	260	33 GSM 900, UMTS 2100, UMTS 900, LTE 1800, LTE 2100	Yes	Yes	Yes	Yes	No
Portugal	Telecomunicações Móveis Nacionais	268	6 GSM 900, UMTS 2100, LTE 800, LTE 1800, LTE 2600, LTE 2100	Yes	Yes	Yes	Yes	No
Portugal	VODAFONE PORTUGAL	268	13 GSM 1800, GSM 900, UMTS 2100, LTE	Yes	Yes	Yes	Yes	No
Portugal	NOS	268	33 GSM 900, UMTS 2100, LTE 1800, LTE 2600, LTE 800	Yes	Yes	Yes	Yes	No
Portugal	TMN (MEO)	268	63 GSM 900, UMTS 2100, LTE 1800, LTE 2100, LTE 2600, LTE 800	Yes	Yes	Yes	Yes	No
Puerto Rico	AT&T	310	41 UMTS 1900, UMTS 850, LTE 1700, LTE 1900, LTE 2100, LTE 700, LTE 850	No	Yes	Yes	Yes	No
Puerto Rico	AT&T	310	410 UMTS 1900, UMTS 850, LTE 1700, LTE 1900, LTE 2100, LTE 700, LTE 850	No	Yes	Yes	Yes	No
Puerto Rico	América Móvil	330	110 GSM 850, GSM 1900, UMTS 850, LTE 700, LTE 1700	Yes	Yes	Yes	Yes	No
Puerto Rico	AT&T MOBILITY	310	3803 GSM 1900, GSM 850	Yes	No	No	Yes	No
Puerto Rico	CLARO PUERTO RICO	330	1103 GSM 1900, GSM 850, UMTS 850, LTE 1700, LTE 700	Yes	Yes	Yes	Yes	No
Qatar	ooredoo	427	1 GSM 900, GSM 1800, UMTS 2100	Yes	Yes	No	Yes	No
Qatar	VODAFONE QATAR	427	23 GSM 1800, GSM 900, UMTS 2100, UMTS 900, LTE 1800, LTE 2600, LTE 800	Yes	Yes	Yes	Yes	No
Qatar	OOREDOO	427	13 GSM 1800, GSM 900, UMTS 2100, UMTS 900, LTE 1800, LTE 2600, LTE 800	Yes	Yes	Yes	Yes	No
Romania	Orange România	226	10 GSM 900, GSM 1800, UMTS 2100, LTE 800, LTE 1800, LTE 2600, UMTS 900	Yes	Yes	Yes	Yes	No
Romania	Vodafone România	226	1 GSM 900, GSM 1800, UMTS 2100, UMTS 900	Yes	No	Yes	Yes	No
Romania	VODAFONE ROMANIA	226	13 GSM 1800, GSM 900, UMTS 1900	Yes	Yes	Yes	Yes	No
Romania	RCS & RDS S.A. ROMANIA (DIGIMOBIL)	226	53 UMTS 2100, UMTS 900	No	Yes	No	Yes	No
Romania	T-MOBILE ROMANIA	226	33 GSM 1800, GSM 900, LTE 1800, LTE 2600, LTE 800	Yes	Yes	Yes	Yes	No
Russian Federation	Mobile TeleSystems	250	1 GSM 900, GSM 1800, UMTS 2100, LTE 800, LTE 1800, LTE 2600, UMTS 900, LTE 900, LTE 2100, TD-LTE 26	Yes	Yes	Yes	Yes	No
Russian Federation	MegaFon PJSC	250	2 GSM 900, GSM 1800, UMTS 2100, LTE 800, LTE 1800, LTE 2600, UMTS 900	Yes	Yes	Yes	Yes	No
Russian Federation	MegaFon PJSC	250	23 GSM 900, GSM 1800, UMTS 2100, LTE 800, LTE 1800, LTE 2600, UMTS 900	Yes	Yes	Yes	Yes	No
Russian Federation	OJSC Vimpel-Communications	250	993 GSM 900, GSM 1800, UMTS 2100, LTE 800, LTE 1800, LTE 2600, UMTS 900	Yes	Yes	Yes	Yes	No
Russian Federation	Mobile TeleSystems	250	11 GSM 1800, GSM 900, UMTS 2100, UMTS 900, LTE 1800, LTE 2100, LTE 2600, LTE 800, LTE 900, TD-LTE 26	Yes	Yes	Yes	Yes	No
Russian Federation	Tele2	250	201 GSM 1800, GSM 900, UMTS 2100	Yes	Yes	No	Yes	No
Saint Kitts and Nevis	Digicel Bermuda	338	50 GSM 900, GSM 1800, GSM 1900, UMTS	Yes	Yes	No	Yes	No
Saint Kitts and Nevis	Digicel	338	5 GSM 900, GSM 1900, GSM 1800, UMTS	Yes	No	No	Yes	No
Saint Kitts and Nevis	Cable & Wireless St. Kitts & Nevis Ltd	356	110 GSM 850, GSM 1900	Yes	No	No	Yes	No
Saint Kitts and Nevis	DIGICEL ST KITTIS & NEVIS	338	503 GSM 1800, GSM 900, LTE 700	Yes	Yes	Yes	Yes	No
Saint Kitts and Nevis	CABLE & WIRELESS, ST KITTIS & NEVIS	356	1103 GSM 1900, GSM 850, LTE 700	Yes	Yes	Yes	Yes	No
Saint Lucia	Digicel Bermuda	338	50 GSM 900, GSM 1800, GSM 1900, UMTS	Yes	No	No	Yes	No
Saint Lucia	Digicel	338	5 GSM 900, GSM 1900, GSM 1800, UMTS	Yes	No	No	Yes	No
Saint Lucia	Cable & Wireless	358	110 GSM 850	Yes	No	No	Yes	No
Saint Lucia	DIGICEL ST. LUCIA	338	503 GSM 1800, GSM 1900, GSM 900, LTE 700	Yes	Yes	Yes	Yes	No
Saint Lucia	CABLE & WIRELESS, ST. LUCIA	358	1103 GSM 850, LTE 700	Yes	Yes	Yes	Yes	No
Saint Vincent and the Grenadines	Digicel Bermuda	338	50 GSM 900, GSM 1800, GSM 1900	Yes	No	No	Yes	No
Saint Vincent and the Grenadines	Digicel	338	5 GSM 900, GSM 1900, GSM 1800	Yes	No	No	Yes	No
Saint Vincent and the Grenadines	Cable & Wireless (St. Vincent & the Grenadines) Ltd	360	110 GSM 850	Yes	No	No	Yes	No
Saint Vincent and the Grenadines	DIGICEL ST. VINCENT & GRENADINES	338	503 GSM 1800, GSM 1900, GSM 900, LTE 700	Yes	Yes	Yes	Yes	No
Saint Vincent and the Grenadines	CABLE & WIRELESS, ST. VINCENT & GRENADINES	360	1103 GSM 850, LTE 700	Yes	Yes	Yes	Yes	No
San Marino	Telecom Italia S.p.A	222	1 GSM 900, GSM 1800, UMTS 2100, LTE 800, LTE 1800, LTE 2600, UMTS 900, LTE 1500	Yes	Yes	Yes	Yes	No
San Marino	Vodafone Italia S.p.A.	222	10 GSM 900, GSM 1800, UMTS 2100, UMTS 900	Yes	No	No	Yes	No
San Marino	TIM ITALIA	222	13 GSM 900, UMTS 2100, UMTS 900, LTE 1500, LTE 1800, LTE 2600, LTE 800	Yes	Yes	Yes	Yes	No
Saudi Arabia	Saudi Telecom Company	420	1 GSM 900, UMTS 2100, LTE 1800, LTE 700, UMTS 900, LTE 2100, TD-LTE 2300	Yes	Yes	Yes	Yes	No



Planetsim M2M Roaming Partners List

Country	Operator	MCC	MNC	Network type	2G	3G	LTE	Data	Direct Call
Saudi Arabia	SAUDI TELECOM COMPANY (ALJAWAL)	420	13	GSM 1800, GSM 900, UMTS 2100, LTE 1800, LTE 2100, LTE 850, LTE 900	Yes	Yes	Yes	Yes	No
Saudi Arabia	Ethad Etisalat Company	420	31	GSM 900, UMTS 2100, UMTS 900, LTE 1800, TD-LTE 2500	Yes	Yes	Yes	Yes	No
Saudi Arabia	Zain Saudi Arabia	420	41	GSM 1800, GSM 900, UMTS 2100, UMTS 900, LTE 1800, LTE 2100, LTE 900, TD-LTE 2500	Yes	Yes	Yes	Yes	No
Serbia	Telekom Srbija	220	3	GSM 900, GSM 1800, UMTS 2100, LTE 1800, TETRA	Yes	Yes	Yes	Yes	No
Serbia	VIP Mobile	220	5	GSM 900, GSM 1800, UMTS 2100, LTE 800, LTE 1800	Yes	Yes	Yes	Yes	No
Serbia	TELENOR SERBIA	220	13	GSM 1800, GSM 900, UMTS 2100, UMTS 900, LTE 1800, LTE 800	Yes	Yes	Yes	Yes	No
Seychelles	Cable & Wireless Seychelles	633	1	GSM 900, UMTS	Yes	Yes	No	Yes	No
Singapore	Singapore Telecom	525	1	UMTS 2100, LTE 1800, LTE 2600, UMTS 900, LTE 900	Yes	Yes	Yes	Yes	No
Singapore	Singapore Telecom	525	2	GSM 1800, UMTS 2100, UMTS 900	Yes	Yes	Yes	Yes	No
Singapore	StarHub Mobile	525	5	UMTS 2100, LTE 1800, LTE 2600, UMTS 900, TD-LTE 2600	Yes	Yes	Yes	Yes	No
Singapore	SINGTEL MOBILE SINGAPORE	525	13	UMTS 2100, UMTS 900, LTE 1800, LTE 900	Yes	Yes	Yes	Yes	No
Singapore	M1 LIMITED	525	23	UMTS 2100, UMTS 900, LTE 1800, LTE 2600	No	Yes	Yes	Yes	No
Singapore	STARHUB	525	53	UMTS 2100, UMTS 900, LTE 1800, LTE 2100, LTE 2600	No	Yes	Yes	Yes	No
Singapore	Singapore Telecom	525	11	UMTS 2100, UMTS 900, LTE 1800, LTE 2600, LTE 900	Yes	Yes	Yes	Yes	No
Slovakia	Orange Slovensko	231	1	GSM 900, GSM 1800, UMTS 2100, LTE 800, LTE 2600, UMTS 900	Yes	Yes	Yes	Yes	No
Slovakia	O2 Slovakia	231	6	GSM 900, GSM 1800, UMTS 2100, LTE 800, LTE 1800, TD-LTE 3500, TD-LTE 3700	Yes	Yes	Yes	Yes	No
Slovakia	O2 SLOVAKIA	231	63	GSM 1800, GSM 900, UMTS 2100, LTE 1800, LTE 800, TD-LTE 3500, TD-LTE 3700	Yes	Yes	Yes	Yes	No
Slovakia	SLOVAK TELEKOM	231	23	GSM 1800, GSM 900, UMTS 2100	Yes	Yes	No	Yes	No
Slovakia	ORANGE SLOVENSKO A.S.	231	13	GSM 1800, GSM 900, UMTS 2100, UMTS 900	Yes	No	Yes	Yes	No
Slovenia	Tušmobil d.o.o.	293	70	GSM 900, GSM 1800, UMTS 2100, UMTS 900	Yes	No	Yes	Yes	No
Slovenia	TELEKOM SLOVENIJE D.D.	293	413	GSM 1800, GSM 900, UMTS 2100, LTE	Yes	Yes	Yes	Yes	No
Slovenia	A1 SLOVENIJA	293	403	GSM 1800, GSM 900, UMTS 2100, LTE 1800	Yes	Yes	Yes	Yes	No
Slovenia	TELEMACH MOBIL	293	703	GSM 1800, GSM 900, UMTS 2100, UMTS 900, LTE 1800, LTE 2100, LTE 700, LTE 800	Yes	Yes	Yes	Yes	No
South Africa	Vodacom	655	1	GSM 900, GSM 1800, UMTS 2100, LTE 1800, LTE 900, LTE 2100	Yes	Yes	Yes	Yes	No
South Africa	MTN Group	655	10	GSM 900, UMTS 2100, UMTS 900	Yes	Yes	No	Yes	No
South Africa	VODACOM SOUTH AFRICA	655	13	GSM 1800, GSM 900, UMTS 2100, LTE 1800	Yes	Yes	Yes	Yes	No
South Africa	Vodacom	655	11	GSM 1800, GSM 900, UMTS 2100, LTE 1800, LTE 2100, LTE 900	Yes	Yes	Yes	Yes	No
Spain	Telefonía Móviles España	214	7	GSM 900, GSM 1800, UMTS 2100, LTE 800, LTE 1800, LTE 2600, UMTS 900, LTE 2100	Yes	Yes	Yes	Yes	No
Spain	Orange Espagne S.A.U	214	3	GSM 900, GSM 1800, UMTS 2100, LTE 800, LTE 1800, LTE 2600, UMTS 900, LTE 2100	Yes	Yes	Yes	Yes	No
Spain	VODAFONE ESPANA	214	13	GSM 1800, GSM 900, UMTS 2100, LTE	Yes	Yes	Yes	Yes	No
Spain	ORANGE ESPAGNE	214	33	GSM 1800, GSM 900, UMTS 2100, UMTS 900, LTE 1800, LTE 2100, LTE 2600, LTE 800	Yes	Yes	Yes	Yes	No
Spain	TELEFONICA ESPANA	214	73	GSM 900, UMTS 2100, UMTS 900, LTE 1800, LTE 2100, LTE 2600, LTE 800	Yes	Yes	Yes	Yes	No
Spain	XFERA MOVILES S.A. (YOIGO)	214	43	UMTS 2100, LTE	No	Yes	Yes	Yes	No
Sri Lanka	Mobilet (Pvt) Ltd	413	1	GSM 900, GSM 1800, UMTS 2100, LTE 1800, LTE 900, LTE 2100	Yes	Yes	Yes	Yes	No
Sri Lanka	DIALOG AXIATA PLC	413	23	GSM 1800, GSM 900, UMTS 2100, LTE	Yes	Yes	Yes	Yes	No
Sri Lanka	MOBITEL	413	13	GSM 1800, GSM 900, UMTS 2100, LTE 1800, LTE 1900, LTE 850, LTE 900	Yes	Yes	Yes	Yes	No
Suriname	DIGICEL SURINAME N.V.	746	33	GSM 1800, GSM 900, UMTS 850	Yes	Yes	No	Yes	No
Sweden	TeliaSonera Sverige AB	240	1	GSM 900, GSM 1800, LTE 800, LTE 1800, LTE 2600, UMTS 900	Yes	Yes	Yes	Yes	No
Sweden	Svenska UMTS-Nat AB	240	5	UMTS 2100, GSM 900, GSM 1800, LTE 1800, LTE 800, LTE 2600	Yes	Yes	Yes	Yes	No
Sweden	TELENOR SVERIGE AB	240	83	GSM 1800, GSM 900	Yes	Yes	Yes	Yes	No
Sweden	TELENOR SVERIGE AB	240	243	GSM 900, LTE 1800, LTE 2600, LTE 800, LTE 900	Yes	Yes	Yes	Yes	No
Sweden	TELENOR SVERIGE AB	240	423	Unknown	Yes	Yes	Yes	Yes	No
Sweden	TELENOR SVERIGE AB	901	293	GSM 1800, GSM 900, UMTS 2100	Yes	Yes	Yes	Yes	No
Sweden	H13 ACCESS AB	240	23	GSM 900, UMTS 2100, LTE 2600, LTE 800, TD-LTE 2600	Yes	Yes	Yes	Yes	No
Sweden	H13 ACCESS AB	240	43	UMTS 2100	Yes	Yes	Yes	Yes	No
Sweden	TELE2 COMVIO AB	240	73	UMTS 2100	Yes	Yes	No	Yes	No
Sweden	TELE2 COMVIO AB	240	103	Unknown	Yes	Yes	No	Yes	No
Sweden	H13 Access AB	240	21	UMTS 2100	No	Yes	No	Yes	No
Switzerland	Sunrise Communications AG	228	2	GSM 900, UMTS 2100, LTE 800, LTE 1800, LTE 2600, UMTS 900	Yes	Yes	Yes	Yes	No
Switzerland	Salt Mobile SA	228	3	GSM 1800, UMTS 2100, LTE 800, LTE 1800, LTE 2600, UMTS 900, LTE 2100	Yes	Yes	Yes	Yes	No
Switzerland	SWISSCOM	228	13	UMTS 900, LTE 1800, LTE 2100, LTE 2600, LTE 700, LTE 800, LTE 900	No	Yes	Yes	Yes	No
Switzerland	SUNRISE COMMUNICATIONS AG	228	23	GSM 900, UMTS 2100, UMTS 900, LTE 1800, LTE 2100, LTE 2600, LTE 800, LTE 900	Yes	Yes	Yes	Yes	No
Taiwan Province of China	Taiwan Mobile Co. Ltd	466	97	UMTS 2100, LTE 1800, LTE 700	Yes	Yes	Yes	Yes	No
Taiwan Province of China	FAR EASTONE	466	13		Yes	No	Yes	Yes	No
Taiwan Province of China	CHUNGHWA TELECOM	466	923	LTE 1800, LTE 2100, LTE 2600, LTE 900	No	Yes	Yes	Yes	No
Taiwan Province of China	T STAR TAIWAN	466	893	LTE 2600, LTE 900	Yes	Yes	Yes	Yes	No
Taiwan Province of China	Taiwan Mobile	466	971	LTE 1800, LTE 2100, LTE 700	Yes	Yes	Yes	Yes	No
Taiwan Province of China	CHT	466	921	LTE 1800, LTE 2100, LTE 2600, LTE 900	Yes	Yes	Yes	Yes	No
Tajikistan	Indigo Tajikistan	436	2	GSM 900, GSM 1800, UMTS 2100, LTE 800	Yes	Yes	Yes	Yes	No
Tajikistan	JV Somoncom	436	1	GSM 900, GSM 1800, UMTS 2100, LTE 800	Yes	Yes	Yes	Yes	No
Tajikistan	TACOM - BEELINE	436	53	GSM 1800, GSM 900, UMTS 2100	Yes	Yes	Yes	Yes	No
Tanzania United Republic of	Vodacom Tanzania Limited	640	4	GSM 900, GSM 1800, LTE 1800, 3G 2100	Yes	Yes	Yes	Yes	No
Tanzania United Republic of	VODACOM TANSANIA	640	43	GSM 1800, GSM 900, UMTS 2100	Yes	Yes	No	Yes	No
Tanzania United Republic of	HALOTEL	640	93	GSM 1800, GSM 900, UMTS 2100	Yes	Yes	No	Yes	No
Tanzania United Republic of	Vodacom Tanzania Limited	640	41	GSM 1800, GSM 900, 3G 2100, LTE 1800	Yes	Yes	Yes	Yes	No
Thailand	True Move H Universal Communication Company Ltd.	520	4	UMTS 2100	Yes	Yes	No	Yes	No
Thailand	CAT Telecom	520	0	UMTS 850	Yes	Yes	No	Yes	No
Thailand	AIS	520	33	UTMS 2100, LTE 1800, LTE 2100, LTE 700, LTE 900	No	Yes	Yes	Yes	No
Thailand	TRUE MOVE H UNIVERSAL COMMUNICATION	520	43	UTMS 2100, LTE 1800, LTE 2100, LTE 700, LTE 900	Yes	Yes	Yes	Yes	No



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Country	Operator	MCC	MNC	Network type	2G	3G	LTE	Data	Direct Call
Thailand	TRUE MOVE H UNIVERSAL COMMUNICATION	520	3	UMTS 850	Yes	Yes	No	Yes	No
Thailand	DTAC & DTN	520	53	UMTS 2100, UMTS 900, LTE 1800, LTE 2100, LTE 700	Yes	Yes	Yes	Yes	No
Thailand	Advanced Wireless Network Company Ltd.	520	31	UMTS 2100, LTE 1800, LTE 2100, LTE 700, LTE 900	No	Yes	Yes	Yes	No
Thailand	True Move H Universal Communication Company Ltd.	520	41	UMTS 2100, LTE 1800, LTE 2100, LTE 900	Yes	Yes	Yes	Yes	No
Thailand	CAT Telecom	520	1	GSM 850	Yes	Yes	No	Yes	No
Tunisia	Orange Tunisie	605	1	GSM 900, GSM 1800, UMTS 2100, LTE 800, LTE 1800	Yes	Yes	Yes	Yes	No
Tunisia	ORANGE TUNISIE	605	13	GSM 1800, GSM 900, UMTS 2100, LTE 1800, LTE 800	Yes	Yes	Yes	Yes	No
Tunisia	Tunisie Telecom	605	21	GSM 1800, GSM 900, UMTS 2100, LTE 1800, LTE 800	Yes	Yes	Yes	Yes	No
Turkey	Turk Telekom	286	3	GSM 1800, UMTS 2100, LTE 800, LTE 1800, LTE 2600	Yes	Yes	Yes	Yes	No
Turkey	TT MOBILE TURKEY	286	33	GSM 1800, UMTS 2100, LTE 1800, LTE 2600, LTE 800, LTE 900, TD-LTE 2600	Yes	Yes	Yes	Yes	No
Turkey	VODAFONE (TELSIM)	286	23	GSM 900, UMTS 2100, LTE 1800, LTE 2100, LTE 2600, LTE 800, LTE 900, TD-LTE 2600	Yes	Yes	Yes	Yes	No
Turkey	Turkcell	286	11	GSM 900, UMTS 2100, UMTS 900, LTE 1800, LTE 2100, LTE 2600, LTE 800	Yes	Yes	Yes	Yes	No
Turks and Caicos Islands	Cable & Wireless West Indies Ltd (Turks & Caicos)	376	350	GSM 850	Yes	No	No	Yes	No
Turks and Caicos Islands	Digicel Bermuda	338	50	GSM 900, GSM 1800, GSM 1900, UMTS	Yes	Yes	No	Yes	No
Turks and Caicos Islands	Digicel	338	5	GSM 900, GSM 1900, GSM 1800, UMTS	Yes	Yes	No	Yes	No
Turks and Caicos Islands	DIGICEL TURKS & CAICOS	338	503	GSM 1900, GSM 900, LTE 1700, LTE 700	Yes	Yes	Yes	Yes	No
Turks and Caicos Islands	DIGICEL TURKS & CAICOS	376	3603	Unknown	Yes	Yes	Yes	Yes	No
Ukraine	PRJSC "VF Ukraine"	255	1	GSM 900, GSM 1800, UMTS 2100, LTE 1800, LTE 2600	Yes	Yes	Yes	Yes	No
Ukraine	lifecell LLC	255	6	GSM 900, GSM 1800, UMTS 2100, LTE 1800, LTE 2600	Yes	Yes	Yes	Yes	No
Ukraine	KYIVSTAR JSC	255	33	GSM 1800, GSM 900, UMTS 2100, LTE 1800, LTE 2600, LTE 900	Yes	Yes	Yes	Yes	No
Ukraine	LIFECCELL LLC	255	63	GSM 900, UMTS 2100, LTE 1800, LTE 2600, LTE 900	Yes	Yes	Yes	Yes	No
Ukraine	PRJSC "Kyivstar"	255	31	GSM 1800, GSM 900, UMTS 2100, LTE 1800, LTE 2600, LTE 900	Yes	Yes	Yes	Yes	No
Ukraine	PRJSC "VF Ukraine"	255	11	GSM 1800, GSM 900, UMTS 2100, LTE 1800, LTE 2600, LTE 900	Yes	Yes	Yes	Yes	No
United Arab Emirates	Emirates Telecom Corp-ETISALAT	424	21	GSM 1800, GSM 900, UMTS 2100, LTE 1800	Yes	Yes	Yes	Yes	No
United Arab Emirates	DU	424	33	GSM 1800, GSM 900, UMTS 2100, LTE 1800, LTE 800	Yes	Yes	Yes	No	No
United Kingdom	EE	234	33	GSM 1800, UMTS 2100	Yes	Yes	No	Yes	No
United Kingdom	Sure (Guernsey) Limited	234	55	GSM 900, GSM 1800, UMTS 2100	Yes	Yes	No	Yes	No
United Kingdom	JT Group Limited	234	50	GSM 900, GSM 1800, UMTS 2100, LTE 800, LTE 1800, LTE 2600, UMTS 900	Yes	Yes	Yes	Yes	No
United Kingdom	EE	234	30	GSM 1800, UMTS 2100, LTE 800, LTE 1800, LTE 2600, UMTS 2100	Yes	Yes	Yes	Yes	No
United Kingdom	Telefonica Europe	234	10	GSM 900, GSM 1800, UMTS 2100, LTE 800, LTE 1800, UMTS 900, LTE 2100, TD-LTE 2300	Yes	Yes	Yes	Yes	No
United Kingdom	HUTCHISON 3G UK LTD	234	203	UMTS 2100, LTE 1500, LTE 1800, LTE 2100, LTE 800	No	Yes	Yes	Yes	No
United Kingdom	EE UK	234	333	GSM 1800, UMTS 2100, LTE 1800, LTE 2100, LTE 2600, LTE 800	Yes	Yes	Yes	Yes	No
United Kingdom	EE UK	234	303	GSM 1800, UMTS 2100, LTE 1800, LTE 2100, LTE 2600, LTE 800	Yes	Yes	Yes	Yes	No
United Kingdom	VODAFONE UK	234	153	GSM 1800, GSM 900, UMTS 2100, LTE	Yes	Yes	Yes	Yes	No
United States	AT&T	310	41	LTE 1700, LTE 1900, LTE 2100, LTE 700, LTE 850	No	No	Yes	Yes	No
United States	AT&T	310	410	LTE 1700, LTE 1900, LTE 2100, LTE 700, LTE 850	No	No	Yes	Yes	No
United States	T-Mobile USA, Inc	310	26	UMTS 1700, UMTS 2100, LTE 1700, LTE 2100, LTE 700	No	Yes	Yes	Yes	No
United States	T-Mobile USA, Inc	310	260	UMTS 1700, UMTS 2100, LTE 1700, LTE 2100, LTE 700	No	Yes	Yes	Yes	No
United States	Verizon Wireless	311	480	LTE 700	No	No	Yes	Yes	No
United States	AT&T	310	4101	LTE 1700, LTE 1900, LTE 2100, LTE 700, LTE 850	No	No	Yes	Yes	No
United States	AT&T MOBILITY	310	4103		No	No	Yes	Yes	No
United States	UNION TELEPHONE COMPANY	310	203	GSM 1900, GSM 850, UMTS	Yes	Yes	No	Yes	No
United States	T-MOBILE USA	310	2603	UMTS 1700, UMTS 1900, LTE 1700, LTE 1900, LTE 700, LTE 850	No	Yes	Yes	Yes	No
United States	T-Mobile USA, Inc	310	2601	UMTS 1700, UMTS 1900, LTE 1700, LTE 1900, LTE 2500, LTE 700, LTE 850	No	Yes	Yes	Yes	No
United States	Verizon Wireless	311	4801	LTE 700	No	No	Yes	Yes	No
Uruguay	AM Wireless Uruguay S.A.	748	10	GSM 1900, LTE 1700, UMTS 1900	Yes	Yes	Yes	Yes	No
Uruguay	Administración Nacional de Telecomunicaciones	748	1	GSM 1800, UMTS 2100, UMTS 850, LTE 700, LTE 1700	Yes	Yes	Yes	Yes	No
Uruguay	Telefonica Uruguay	748	7	GSM 1800, UMTS 1900, LTE 1700	Yes	Yes	Yes	Yes	No
Uruguay	CLARO URUGUAY	748	103	GSM 1900, UMTS 1900, LTE 1700	Yes	Yes	Yes	Yes	No
Uruguay	ANTEL	748	13	GSM 1800, UMTS 2100, UMTS 850, LTE 1700, LTE 700	Yes	Yes	Yes	Yes	No
Uzbekistan	Coscom	434	5	GSM 900, GSM 1800, UMTS 2100	Yes	Yes	No	Yes	No
Uzbekistan	UNITEL LLC (BEELINE)	434	43	GSM 1800, GSM 900, UMTS 2100, LTE 2600	Yes	Yes	Yes	Yes	No
Uzbekistan	UMS LLC	434	73	GSM 1800, GSM 900, UMTS 2100, LTE 800	Yes	Yes	Yes	Yes	No
Uzbekistan	Unitel LLC	434	41	GSM 1800, GSM 900, UMTS 2100, LTE 2600	Yes	Yes	Yes	Yes	No
Viet Nam	Viettel Telecom	452	4	GSM 900, GSM 1800, UMTS 2100	Yes	Yes	No	Yes	No
Viet Nam	VNPT INTERNATIONAL (VINAPHONE)	452	23	GSM 1800, GSM 900, UMTS 2100, UMTS 900, LTE 1800	Yes	Yes	Yes	Yes	No
Viet Nam	VIETTEL	452	43	GSM 900, UMTS 2100, LTE 1800, LTE 2100	Yes	Yes	Yes	Yes	No
Viet Nam	Vietnam Mobile Telecom Services Company	452	11	GSM 1800, GSM 900, UMTS 2100	Yes	Yes	Yes	Yes	No
Viet Nam	Hanoi Telecom	452	51	GSM 900, UMTS 2100	Yes	Yes	No	Yes	No
Virgin Islands British	Digicel Bermuda	338	50	LTE 700, UMTS	No	Yes	Yes	Yes	No
Virgin Islands British	Digicel	338	5	UMTS	No	Yes	Yes	Yes	No
Virgin Islands British	Digicel BVI	348	77	UMTS 2100, LTE	No	Yes	Yes	Yes	No
Virgin Islands British	DIGICEL BRITISH VIRGIN ISLANDS	338	503	GSM 1800, GSM 1900, UMTS 1900, LTE 1700, LTE 700	Yes	Yes	Yes	Yes	No
Virgin Islands British	DIGICEL BRITISH VIRGIN ISLANDS	348	773	GSM 1800, GSM 1900, UMTS 1900, LTE 1700, LTE 700	Yes	Yes	Yes	Yes	No