

GLOBAL UMTS AND HSPA OPERATOR STATUS		UMTS Summary			HSPA Summary		
<b>19-Aug-09</b> <span style="color: red;">Red = commercially available</span> <b>Source: Informa Telecoms &amp; Media, WCIS and 3G Americas</b> Information accurate to the best of our knowledge as of date published Please send updates to <a href="mailto:info@3gamericas.org">info@3gamericas.org</a>		UMTS OPERATORS IN SERVICE	<b>295</b>		HSDPA OPERATORS IN SERVICE	<b>277</b>	
		COUNTRIES IN SERVICE	<b>126</b>		HSDPA COUNTRIES IN SERVICE	<b>116</b>	
		PLANNED + IN DEPLOYMENT	<b>57</b>		HSDPA PLANNED + IN DEPLOYMENT	<b>44</b>	
		POTENTIAL & LIC. AWARDED	<b>33</b>		HSUPA OPERATORS IN SERVICE	<b>87</b>	
		EDGE + UMTS COMMERCIAL	<b>198</b>		HSUPA PLANNED	<b>11</b>	
Country	Operator	UMTS Status	Start Date	EDGE	HSDPA Status	Start Date	HSUPA
<b>Africa</b>							
<a href="#">Algeria</a>	Algérie Télécom	Potential License		Mar-05			
<a href="#">Algeria</a>	Orascom Telecom Algeria/Djezzy	Potential License		Mar-05			
<a href="#">Algeria</a>	Wataniya Telecom Algeria/Nedjma	Potential License		Jun-06			
<a href="#">Angola</a>	Unitel	In Service	Jun-07	Jun-07	In Service	Jun-07	
<a href="#">Botswana</a>	Be Mobile	Planned/In Deployment					
<a href="#">Botswana</a>	Mascom Wireless	In Service	Aug-08				
<a href="#">Botswana</a>	Orange Botswana	In Service	Jun-09		In Service	Jun-09	
<a href="#">Burundi</a>	HiTs TelecomBurundi	License Awarded					
<a href="#">Burundi</a>	Lacell/Bitmap	License Awarded					
<a href="#">Côte d'Ivoire</a>	Atlantique Telecom	Potential License		Jul-06			
<a href="#">Côte d'Ivoire</a>	MTN	Potential License		Mar-07			
<a href="#">Côte d'Ivoire</a>	Orange	Potential License		Dec-08			
<a href="#">Dem Rep Congo</a>	Vodacom Congo	Potential License		Jan-07			
<a href="#">Dem Rep Congo</a>	Zain DRC	Potential License		Jan-07			
<a href="#">Egypt</a>	Etisalat Misr	In Service	May-07	EDGE	In Service	May-07	<b>Nov-07</b>
<a href="#">Egypt</a>	MobiNil (ECMS)	In Service	Sep-08	EDGE	In Service	Sep-08	
<a href="#">Egypt</a>	Vodafone Egypt	In Service	May-07		In Service	Jun-07	
<a href="#">Equatorial Guinea</a>	HiTs Telecom	Planned/In Deployment					
<a href="#">Ethiopia</a>	Ethiopian Telecomm. Corp.	In Service	Sep-08		In Service	Sep-08	
<a href="#">Gambia</a>	QuantumNet/Qcell	Planned/In Deployment					
<a href="#">Ghana</a>	Scancom - MTN	In Service	Jan-09	Mar-07	In Service	Jan-09	
<a href="#">Ghana</a>	Glo Mobile Ghana	Planned/In Deployment			In Deployment	Dec-09	
<a href="#">Ghana</a>	Millicom / Tigo Ghana	Planned/In Deployment		Nov-06			
<a href="#">Ghana</a>	Vodafone Ghana	Planned/In Deployment					
<a href="#">Ghana</a>	Zain (Western Telesystems)	In Service	Dec-08	Dec-08	In Service	Dec-08	
<a href="#">Kenya</a>	Safaricom	In Service	May-09	EDGE	In Service	May-08	
<a href="#">Kenya</a>	Zain Kenya	Potential License					
<a href="#">Kenya</a>	Essar Telecom Kenya / Uy	Potential License					
<a href="#">Lethoso</a>	Econet Telecom Lesotho	In Service	Mar-09		In Service	Mar-09	
<a href="#">Lethoso</a>	Vodacom	In Service	Mar-09				
<a href="#">Libya</a>	El Madar	Trial		EDGE	Trial		
<a href="#">Libya</a>	Libyana	In Service	Sep-06		In Service	Sep-08	
<a href="#">Mauritania</a>	Mauritel Mobiles	In Service	Jul-09				
<a href="#">Mauritius</a>	Cellplus Mobile Communications	In Service	Mar-06		In Service	Dec-07	
<a href="#">Mauritius</a>	Millicom Mauritius (Emtel)	In Service	Nov-04		In Service	Sep-07	
<a href="#">Mauritius</a>	Orange Mauritius	In Service	Dec-09				
<a href="#">Morocco</a>	Ittissalat Al-Magreb / Maroc Telecom	In Service	Jan-08		In Service	Jan-08	

Country	Operator	UMTS Status	Start Date	EDGE	HSDPA Status	Start Date	HSUPA
<a href="#">Morocco</a>	Medi Telecom (Meditel) Mobile ADSL	In Service	Apr-07		In Service	Apr-07	
<a href="#">Mozambique</a>	mCel	In Service	Dec-08		In Service	Dec-08	
<a href="#">Namibia</a>	MTC	In Service	Dec-06	EDGE	In Service	Dec-06	Jun-09
<a href="#">Namibia</a>	Powercom -Cell One	In Service	Mar-07		In Service	Jun-07	Sep-09
<a href="#">Nigeria</a>	Alheri Engineering Co	Planned/In Deployment					
<a href="#">Nigeria</a>	Globacom - GloMobile	In Service	Feb-08		In Service	Dec-07	
<a href="#">Nigeria</a>	MTN Nigeria	In Service	Jun-08		In Service	Dec 07	
<a href="#">Nigeria</a>	Zain (formerly Celtel)	In Service	Feb-08		Trial Launch		
<a href="#">Reunion</a>	Orange Reunion	Planned/In Deployment					
<a href="#">Reunion</a>	Outremer Telecom	In Service	Dec-08				
<a href="#">Réunion</a>	SFR	In Service	Aug-08	Jun-05	In Service	Jan-09	
<a href="#">Rwanda</a>	RwandaTel	In Service	Dec-08		In Service	Dec-08	
<a href="#">Senegal</a>	Orange Senegal	In Service	Jul-08		In Service	Sep-08	
<a href="#">Seychelles</a>	Telecom Seyshelles (AIRTEL)	In Service	Dec-06	EDGE	In Service	Dec-06	Dec-08
<a href="#">South Africa</a>	Cell C	Planned/In Deployment					
<a href="#">South Africa</a>	MTN	In Service	Jun-05	EDGE	In Service	Mar-06	Sep-07
<a href="#">South Africa</a>	Telkom	In Service	Nov-08	EDGE	In Service	Nov-08	
<a href="#">South Africa</a>	Vodacom	In Service	Dec-04	EDGE	In Service	Apr-06	Dec-08
<a href="#">Sudan</a>	MTN	In Service	Mar-09	EDGE			
<a href="#">Sudan</a>	Zain	In Service	May-08	EDGE	In Service	Apr-08	
<a href="#">Tanzania</a>	Vodacom	In Service	Feb-07		In Service	Feb 07	Jun-09
<a href="#">Tanzania</a>	Zain	In Service	Dec-08				
<a href="#">Tunisia</a>	Tunisie Telecom	Potential License		EDGE			
<a href="#">Tunisia</a>	TBD 3G	Potential License					
<a href="#">Uganda</a>	Orange Uganda	Planned/In Deployment					
<a href="#">Uganda</a>	Uganda Telecom Ltd	In Service	Mar-08	Dec-07	In Service	Mar-08	
<a href="#">Zambia</a>	MTN Zambia	Planned/In Deployment					
<a href="#">Zambia</a>	Zain Zambia	Planned/In Deployment					
<a href="#">Zimbabwe</a>	Econet Wireless	Planned/In Deployment					
<b>Asia Pacific</b>							
<a href="#">Australia</a>	3 / Hutchison Australia	In Service	May-03		In Service	Mar-07	Mar-09
<a href="#">Australia</a>	SingTel/Optus	In Service	Nov-05		In Service	May-07	Jun-09
<a href="#">Australia</a>	Telstra	In Service	Sep-05	EDGE	In Service	Oct-06	Sep-07
<a href="#">Australia</a>	Vodafone	In Service	Oct-05		In Service	Oct-06	Jun-09
<a href="#">Australia</a>	Virgin Mobile	In Service	Jul-07		In Service	July-07	
<a href="#">Bangladesh</a>	GrameenPhone	Potential License	Mar-10	EDGE	Planned	Dec 2010	
<a href="#">Bangladesh</a>	PBTL	Potential License	Jun-10				
<a href="#">Bangladesh</a>	Sheba Telecom	Potential License	Jun-10				
<a href="#">Bangladesh</a>	TM International	Potential License	Jun-10	EDGE			
<a href="#">Bangladesh</a>	Warid Telecom	Potential License	Dec-10	EDGE			
<a href="#">Bhutan</a>	Bhutan Telecom - B-Mobile	In Service	May-08	EDGE	In Service	May-08	Jun-09
<a href="#">Bhutan</a>	Tashi Infocomm	Planned	Mar-09				

HSPA+

Country	Operator	UMTS Status	Start Date	EDGE	HSDPA Status	Start Date	HSUPA	
<a href="#">Brunei/Borneo</a>	B-Mobile	In Service	Sep-05					
<a href="#">Brunei/Borneo</a>	DST Com	In Service	May-08	EDGE	In Service	May-08	Jun-09	
<a href="#">Cambodia</a>	Cambodia Shinawatra	In Service	Oct-07	EDGE	In Service	Oct-07		
<a href="#">Cambodia</a>	CadComm (QB)	In Service	Jan-08		In Service	Mar-08		
<a href="#">Cambodia</a>	Cambodia GSM (MobiTel)	In Service	Oct-06	EDGE	In Service	Mar-08		
<a href="#">China</a>	China Unicom	In Service	Mar-09	EDGE	In Service	May-09		
<a href="#">Fiji</a>	Vodafone Fiji	In Service	Nov-08		In Service	Nov-08	Dec-09	
<a href="#">French Polynesia</a>	Mara Telecom	Planned/In Deployment						
<a href="#">French Polynesia</a>	Tikiphone (VINI)	In Service	Dec-08	EDGE	In Service	Mar-09		
<a href="#">Guam</a>	DoCoMo Pacific	In Service	Oct-08		In Service	Oct-08		
<a href="#">Hong Kong</a>	Hong Kong CSL (New World)	In Service	Dec-04	EDGE	In Service	Sep-06	Jun-09	<b>HSPA+</b>
<a href="#">Hong Kong</a>	3HK - Hutchison	In Service	Jan-04		In Service	Nov-06	Dec-10	
<a href="#">Hong Kong</a>	SmarTone Vodafone	In Service	Dec-04		In Service	Jun-06	<b>Dec-07</b>	
<a href="#">Hong Kong</a>	PCCW Mobile (ex-Sunday)	In Service	Jul-06	EDGE	In Service	Aug-07	Jun-09	
<a href="#">India</a>	Aircel	Potential License	Dec-09	EDGE				
<a href="#">India</a>	Bharti Televentures	Planned	Mar-08	EDGE	Planned	Dec-08		
<a href="#">India</a>	BPL Cellular	Planned/In Deployment	Dec-09	EDGE				
<a href="#">India</a>	BSNL	In Service	Mar-09	EDGE	In Service	Mar-09	Sep-09	
<a href="#">India</a>	Dishnet Wireless	Potential License	Dec-09	EDGE				
<a href="#">India</a>	Essar Spacetel	Potential License	Dec-09					
<a href="#">India</a>	Idea Cellular	Potential License	Dec-09	EDGE				
<a href="#">India</a>	MTNL	In Service	Dec-08		In Service	Dec-08	Jun-09	
<a href="#">India</a>	Reliance	Planned	Mar-08					
<a href="#">India</a>	Spice Telecom	Planned	Jun-08		Planned	Dec-08		
<a href="#">India</a>	Tata Teleservices	Planned	Mar-08					
<a href="#">Indonesia</a>	Excelcomindo Pratama ProXL	In Service	Oct-06		In Service	Jan-07		
<a href="#">Indonesia</a>	Hutchison CP Telecommunications	In Service	Dec-06		In Service	Jun-07		
<a href="#">Indonesia</a>	Indosat IM2 /Matrix/Mentari/IM3	In Service	Nov-06		In Service	Oct-07	<b>Mar-09</b>	
<a href="#">Indonesia</a>	Satelindo (Indosat)	In Service	Dec-06	EDGE	In Service	Mar-07		
<a href="#">Indonesia</a>	Telkomsel	In Service	Aug-06	EDGE	In Service	Apr-07		
<a href="#">Japan</a>	eAccess / eMobile	In Service	Mar-07		In Service	Mar-07	<b>Aug-09</b>	<b>HSPA+</b>
<a href="#">Japan</a>	Softbank (ex-Vodafone)	In Service	Dec-02		In Service	Oct-06		
<a href="#">Japan</a>	NTT DoCoMo (FOMA)	In Service	Oct-01		In Service	Aug-06		
<a href="#">Macau</a>	CTM	In Service	Jun-07		In Service	Jun-07		
<a href="#">Macau</a>	Hutchison (3)	In Service	Oct-07		In Service	Oct-07		

Country	Operator	UMTS Status	Start Date	EDGE	HSDPA Status	Start Date	HSUPA
<a href="#">Malaysia</a>	Maxis	In Service	Jul-05	EDGE	In Service	Sep-06	
<a href="#">Malaysia</a>	Telekom Malaysia/Celcom 3G	In Service	May-05	EDGE	In Service	Sep-06	
<a href="#">Malaysia</a>	Umobile	In Service	Mar-08		In Service	Mar-08	
<a href="#">Malaysia</a>	DiGi	In Service	Mar-09	EDGE	In Service	Mar-09	
<a href="#">Maldives</a>	Dhiraagu	Potential License	2010				
<a href="#">Maldives</a>	Wataniya	In Service	Apr-08	EDGE	In Service	May-08	
<a href="#">Mongolia</a>	Mobicom	In Service	Apr-09		In Service	Apr-09	
<a href="#">Mongolia</a>	Skytel	Potential License	Dec 2009				
<a href="#">Nepal</a>	Nepal Telecom Corp	In Service	May-07		In Service	Sep-07	
<a href="#">Nepal</a>	Spice Nepal	Potential License	Sep 2012	EDGE			
<a href="#">New Zealand</a>	2degrees/ NZ Comm.	In Deployment			In Deployment		
<a href="#">New Zealand</a>	Vodafone 2100	In Service	Aug-05		In Service	Oct-06	
<a href="#">New Zealand</a>	Vodafone 900	In Service	Jul-08		In Service	Jul-08	
<a href="#">New Zealand</a>	Telecom New Zealand	In Service	Jun-09	EDGE	In Service	Jun-09	Jun-09
<a href="#">Pakistan</a>	PMCL - Mobilink	Potential License	Sep-09	EDGE			
<a href="#">Pakistan</a>	PTML - Ufone	Potential License	Sep-09	EDGE			
<a href="#">Pakistan</a>	Telenor	Potential License	Sep-09	EDGE			
<a href="#">Philippines</a>	Globe Telecom	In Service	May-06	EDGE	In Service	May-06	
<a href="#">Philippines</a>	SMART / Piltel	In Service	May-06	EDGE	In Service	Jan-07	
<a href="#">Philippines</a>	Digitel	In Service	Jul-06	EDGE	In Service	Aug-08	
<a href="#">Singapore</a>	MobileOne	In Service	Feb-05		In Service	Dec-06	<b>Dec-08</b>
<a href="#">Singapore</a>	SingTel Mobile	In Service	Feb-05		In Service	May-07	<b>Dec-08</b>
<a href="#">Singapore</a>	StarHub	In Service	Apr-05		In Service	Aug-07	<b>Aug-07</b>
<a href="#">South Korea</a>	KTF SHOW	In Service	Dec-03		In Service	Jun-06	<b>Jun-07</b>
<a href="#">South Korea</a>	SK Telecom 3G+	In Service	Dec-03		In Service	May-06	<b>Oct-07</b>
<a href="#">Sri Lanka</a>	Bharti Airtel	In Service	Jan-09	EDGE	In Service	Jan-09	<b>Jan-09</b>
<a href="#">Sri Lanka</a>	Dialog GSM	In Service	Aug-06	EDGE	In Service	Aug-06	
<a href="#">Sri Lanka</a>	Hutchison	Planned		EDGE			
<a href="#">Sri Lanka</a>	Mobitel	In Service	Dec-07	EDGE	In Service	Dec-07	<b>Dec-07</b>
<a href="#">Taiwan</a>	Chunghwa Telecom	In Service	Jul-05		In Service	Sep 06	
<a href="#">Taiwan</a>	FarEasTone	In Service	Jul-05		In Service	Sep 06	
<a href="#">Taiwan</a>	Taiwan Mobile Co. (TWM)	In Service	Oct-05		In Service	Jan-07	
<a href="#">Taiwan</a>	VIBO	In Service	Dec-05		In Service	Sep-08	
<a href="#">Thailand</a>	AIS - UMTS 900	In Service	May-08	EDGE	In Service	May-08	
<a href="#">Thailand</a>	DTAC	In Deployment		EDGE	In Deployment		
<a href="#">Thailand</a>	TOT	Potential License					
<a href="#">Vietnam</a>	Vietnamobile (CDMA to GSM)	In Deployment	2010		In Deployment	2010	
<a href="#">Vietnam</a>	Vinaphone	In Deployment	2010	EDGE	In Deployment	2010	
<a href="#">Vietnam</a>	Mobifone Vietnam	Planned	n/a		Planned	n/a	

HSPA+

Country	Operator	UMTS Status	Start Date	EDGE	HSDPA Status	Start Date	HSUPA
<b>Europe (Eastern)</b>							
<a href="#">Albania</a>	Eagle Mobile	In Service	Mar-08	EDGE	Planned		
<a href="#">Armenia</a>	K-Telecom/Vivacell/MTS	In Service	Mar-09		In Service	Apr-09	
<a href="#">Armenia</a>	Armentel	Planned					
<a href="#">Belarus</a>	MTS Belarus	Planned		EDGE	Planned	Q4 2009	
<a href="#">Bosnia-Herzegovina</a>	BH Telecom	In Deployment			In Deployment		
<a href="#">Bosnia-Herzegovina</a>	HT Mostar	In Deployment			In Deployment		
<a href="#">Bosnia-Herzegovina</a>	Telkom Srpske	In Deployment			In Deployment		
<a href="#">Bulgaria</a>	BTC (Vivatel)	In Service	Apr-07	EDGE	In Service	Apr-07	
<a href="#">Bulgaria</a>	Cosmo Bulgaria Mobile/Globul	In Service	Jun-06		In Service	Sep-06	
<a href="#">Bulgaria</a>	MobilTel (M-TEL/Vodafone)	In Service	Mar-06	EDGE	In Service	Mar-06	Aug-07
<a href="#">Croatia</a>	T-Mobile	In Service	Jan-06	EDGE	In Service	Nov-06	
<a href="#">Croatia</a>	Tele2	In Service	Oct-08		In Service	Oct-08	Oct-08
<a href="#">Croatia</a>	VIPNet	In Service	Oct-05	EDGE	In Service	Apr-06	Apr-07
<a href="#">Czech Republic</a>	Telefonica O2 (Eurotel)	In Service	Dec-05	EDGE	In Service	May-07	Sep-09
<a href="#">Czech Republic</a>	T-Mobile	In Service	Dec-06	EDGE	Planned		
<a href="#">Czech Republic</a>	Vodafone	In Deployment		EDGE	In Deployment	Mar-09	
<a href="#">Estonia</a>	Elisa / Radiolindja	In Service	Jun-06	EDGE	In Service	Jan-08	
<a href="#">Estonia</a>	Bravocom	In Service	July 06	EDGE	In Service	Jul-06	
<a href="#">Estonia</a>	EMT	In Service	Oct-05	EDGE	In Service	Apr-06	Dec-07
<a href="#">Estonia</a>	Tele2 Eesti	In Service	Nov-06		In Service	Nov-06	
<a href="#">Estonia</a>	ProGroup Holding	In Deployment			In Deployment		
<a href="#">Georgia</a>	Geocell	In Service	Dec-06		In Service	Jun-08	
<a href="#">Georgia</a>	Telecom Invest Georgia	License Awarded	Q1 2009				
<a href="#">Georgia</a>	Magticom	In Service	Jul-06	EDGE			
<a href="#">Hungary</a>	Pannon GSM	In Service	Oct-05	EDGE	In Service	Aug-07	Dec-08
<a href="#">Hungary</a>	T-Mobile	In Service	Aug-05	EDGE	In Service	Sep-06	Sep-07
<a href="#">Hungary</a>	Vodafone	In Service	Jun-06		In Service	Jun-07	Dec-08
<a href="#">Latvia</a>	Bité	In Service	Jun-06	EDGE	In Service	Jul-07	Feb-08
<a href="#">Latvia</a>	LMT	In Service	Dec-04	EDGE	In Service	Aug-06	Dec-08
<a href="#">Latvia</a>	Tele2	In Service	Dec-05		In Service	Mar-07	Dec-08
<a href="#">Lithuania</a>	Bité	In Service	Apr-06	EDGE	In Service	Jun-06	Feb-08

Country	Operator	UMTS Status	Start Date	EDGE	HSDPA Status	Start Date	HSUPA
<a href="#">Lithuania</a>	Omnitel	In Service	Feb-06	EDGE	In Service	Jun-06	<b>Dec-08</b>
<a href="#">Lithuania</a>	Tele2 (Tango)	In Service	Mar-07		Planned		
<a href="#">Macedonia</a>	Cosmofon	In Service	Aug-08	EDGE	In Service	Aug-08	
<a href="#">Moldava</a>	Moldcell	In Service	Oct-08		In Service	Oct-08	
<a href="#">Montenegro</a>	T-Mobile	In Service	Jun-07	EDGE	In Service	Jun-07	
<a href="#">Montenegro</a>	ProMonte	In Service	Jun-07	EDGE	In Service	Jun-07	
<a href="#">Montenegro</a>	M:Tel (Telekom Srbija)	In Service	Jul-07	EDGE	In Service	Jul-07	
<a href="#">Poland</a>	Centertel (Orange)	In Service	Jun-06	EDGE	In Service	Dec-06	<b>Dec-07</b>
<a href="#">Poland</a>	P4 (Play)	In Service	Mar-07		In Service	Mar-07	
<a href="#">Poland</a>	Polkomtel / Plus GSM	In Service	Sep-04	EDGE	In Service	Oct-06	<b>Dec-07</b>
<a href="#">Poland</a>	Polska Telefonii Cyfrowa (Era)	In Service	Apr-06	EDGE	In Service	Oct-06	<b>Sep-08</b>
<a href="#">Romania</a>	MobiFon / Vodafone	In Service	Apr-05		In Service	May-06	<b>Mar-08</b>
<a href="#">Romania</a>	Orange Romania	In Service	Jun-06	EDGE	In Service	Jun-07	<b>Oct-07</b>
<a href="#">Romania</a>	ZAPP Mobile (ex-CDMA)	In Service	May-08		In Service	May-08	
<a href="#">Romania</a>	DigiMobile (RCS&RDS)	In Service	Feb-07		Planned		
<a href="#">Russia</a>	VimpelCom	In Service	Sep-08		In Service	Sep-08	
<a href="#">Russia</a>	MegaFon	In Service	Oct-07	EDGE	In Service	Oct-07	
<a href="#">Russia</a>	Mobile TeleSystems (MTS)	In Service	May-08		In Service	May-08	
<a href="#">Serbia</a>	Telenor (Ex-Mobtel)	In Service	Mar-07	EDGE	In Service	Mar-07	
<a href="#">Serbia</a>	Telecom Srbija	In Service	Dec-06	EDGE	In Service	Dec-06	
<a href="#">Serbia</a>	VIP Mobile (TopNet)	In Service	Jul-07				
<a href="#">Slovak Republic</a>	Orange Slovensko	In Service	Mar-06	EDGE	In Service	Sep-06	<b>Nov-07</b>
<a href="#">Slovak Republic</a>	T-Mobile Slovakia	In Service	Jan-06	EDGE	In Service	Aug-06	
<a href="#">Slovak Republic</a>	Telefonica O2 Slovak Republic	Planned		EDGE	Planned		
<a href="#">Slovenia</a>	Mobitel	In Service	Dec-03	EDGE	In Service	Sep-06	<b>Dec-07</b>
<a href="#">Slovenia</a>	Si.Mobile (Vodafone)	In Service	Sep-07	EDGE	In Service	Sep-07	
<a href="#">Slovenia</a>	T-2	In Deployment			Planned		
<a href="#">Slovenia</a>	Tus Mobile	In Service	Jul-07		In Service	Jul-08	
<a href="#">Tajikistan</a>	Josa Babilon Mobile	In Service	Jun-05		Planned	Dec-08	
<a href="#">Tajikistan</a>	Indigo Tajikistan	In Service	Sep-06		In Deployment	Mar-09	
<a href="#">Tajikistan</a>	Tacom	In Service	Sep-06		In Service	Sep-08	
<a href="#">Tajikistan</a>	TT Mobile	In Service	Jun-05		Planned	Jun-09	
<a href="#">Turkey</a>	AVEA	In Deployment	Q4 2009	EDGE	In Deployment	Q4 2009	
<a href="#">Turkey</a>	Telsim	Potential License	Q4 2009				
<a href="#">Turkey</a>	Turkcell	Potential Licence	Q4 2009	EDGE			
<a href="#">Ukraine</a>	life:)	In Trial	n/a		In Trial	n/a	
<a href="#">Ukraine</a>	Ukrtelecom	In Service	Nov-07		In Service	Nov-07	
<a href="#">Uzbekistan</a>	Unitel (Beeline)	Planned	Q1 2009				
<a href="#">Uzbekistan</a>	Coscom	Planned	Q1 2009		In Trial	n/a	
<a href="#">Uzbekistan</a>	MTS-Uzbekistan	In Service	Dec-08		In Service	Dec-08	
<a href="#">Uzbekistan</a>	Uzdunrobita	Planned	Q1 2009		Planned	n/a	

Country	Operator	UMTS Status	Start Date	EDGE	HSDPA Status	Start Date	HSUPA
<b>Europe (Western)</b>							
<a href="#">Andorra</a>	STA	In Service	Dec-06		In Service	Dec-07	
<a href="#">Austria</a>	ONE (Orange Plc)	In Service	Dec-03		In Service	Jun-06	
<a href="#">Austria</a>	Hutchison 3G (3)	In Service	May-03		In Service	Sep-06	<b>Jan-08</b>
<a href="#">Austria</a>	Mobilkom Austria	In Service	Apr-03	EDGE	In Service	Jan-06	<b>Aug-07</b>
<a href="#">Austria</a>	T-Mobile Austria	In Service	Dec-03	EDGE	In Service	Mar-06	<b>Jun-08</b>
<a href="#">Belgium</a>	KPN BASE (Orange)	In Deployment		EDGE	Planned		
<a href="#">Belgium</a>	Belgacom Mobile (Proximus)	In Service	Sep-05	EDGE	In Service	Jun-06	<b>Jul-08</b>
<a href="#">Belgium</a>	Mobistar	In Service	Dec-06	EDGE	In Service	Jun-07	<b>Jan-08</b>
<a href="#">Cyprus</a>	MTN (Areeba)	In Service	Oct-05	EDGE	In Service	Mar-08	Jun-09
<a href="#">Cyprus</a>	Kibris Telsim	In Service	Oct-08		In Service	Oct-08	
<a href="#">Cyprus (Northern)</a>	KKT Cell (Turkcell)	In Service	Oct-08		In Service	Oct-08	
<a href="#">Cyprus</a>	CYTA Mobile	In Service	Mar-06		In Service	Jun-08	Jun-09
<a href="#">Denmark</a>	3	In Service	Oct-03		In Service	Nov-06	Jun-09
<a href="#">Denmark</a>	Sonofon	In Service	Sep-06	EDGE	In Service	Sep-07	Jun-09
<a href="#">Denmark</a>	TDC Mobil	In Service	Nov-05		In Service	Jan-08	Jun-09
<a href="#">Denmark</a>	TeliaSonera	In Service	Dec-07	EDGE	In Service	Dec-07	<b>Mar-08</b>
<a href="#">Finland</a>	Alands Mobiltelefon	In Service	Jun-06	EDGE	In Deployment		
<a href="#">Finland</a>	Finnnet / DNA Finland	In Service	Dec-05	EDGE	In Service	Feb-07	<b>Dec-08</b>
<a href="#">Finland</a>	Elisa	In Service	Nov-04	EDGE	In Service	Apr-06	<b>Dec-08</b>
<a href="#">Finland</a>	Sonera	In Service	Oct-04	EDGE	In Service	May-07	Jun-09
<a href="#">France</a>	Bouygues Telecom	In Service	Apr-07	EDGE	In Service	Apr-07	<b>Nov-07</b>
<a href="#">France</a>	Orange France	In Service	Dec-04	EDGE	In Service	Oct-06	<b>Jan-08</b>
<a href="#">France</a>	SFR	In Service	Nov-04	EDGE	In Service	Jun-06	<b>May-08</b>
<a href="#">Germany</a>	E-Plus	In Service	Aug-04		In Deployment		
<a href="#">Germany</a>	O2	In Service	Jul-04		In Service	Dec-06	<b>Mar-09</b>
<a href="#">Germany</a>	T-Mobile Deutschland	In Service	May-04	EDGE	In Service	Mar-06	<b>Nov-07</b>
<a href="#">Germany</a>	Vodafone D2	In Service	May-04	EDGE	In Service	Mar-06	<b>Jul-07</b>
<a href="#">Greece</a>	Cosmote	In Service	May-04	EDGE	In Service	Jun-06	<b>Apr-08</b>
<a href="#">Greece</a>	Panafon (Vodafone)	In Service	Aug-04		In Service	Nov -06	
<a href="#">Greece</a>	WIND Hellas (TIM)	In Service	Jan-04	EDGE	In Service	Sep-08	
<a href="#">Guernsey</a>	Wave Telecom	In Service	Jul-04	EDGE	In Service	Nov-06	
<a href="#">Guernsey</a>	C&W Guernsey /Sure.mobile	In Service	Sep-07	EDGE	In Service	Sep-07	
<a href="#">Guernsey</a>	Airtel-Vodafone	In Service	Mar-08		In Service	Mar-08	
<a href="#">Iceland</a>	NOVA	In Service	Sep-07		In Service	Dec-07	
<a href="#">Iceland</a>	Iceland Telecom / Siminn	In Service	Sep-07	EDGE	In Service	Sep-07	<b>Sep-07</b>
<a href="#">Iceland</a>	Vodafone Iceland	In Service	May-08		In Deployment		
<a href="#">Ireland</a>	Hutchison (3)	In Service	Jul-05		In Service	Dec 06	
<a href="#">Ireland</a>	O2	In Service	Mar-05	EDGE	In Service	Jul-07	<b>Jul-08</b>

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Country	Operator	UMTS Status	Start Date	EDGE	HSDPA Status	Start Date	HSUPA
<a href="#">Ireland</a>	Vodafone Ireland	In Service	Nov-04		In Service	Dec-06	
<a href="#">Ireland</a>	Meteor Communications	In Service	Sept-08	EDGE	In Service	Sept-08	
<a href="#">Isle of Man</a>	Manx Telecom	In Service	Nov-05		In Service	Nov-05	
<a href="#">Israel</a>	Cellcom Israel	In Service	Jun-04	EDGE	In Service	Jun-06	<b>Sep-07</b>
<a href="#">Israel</a>	Pelephone (CDMA to HSDPA)	In Service	Jan-09		In Service	Jan-09	
<a href="#">Israel</a>	Partner Comm. (Orange)	In Service	Nov-04		In Service	Mar-06	<b>Dec-07</b>
<a href="#">Italy</a>	H3G (3)	In Service	Mar-03		In Service	Feb-06	<b>Jul-07</b>
<a href="#">Italy</a>	TIM	In Service	May-04	EDGE	In Service	May-06	<b>Oct-07</b>
<a href="#">Italy</a>	Vodafone Italia	In Service	May-04		In Service	Jun-06	<b>Sep-07</b>
<a href="#">Italy</a>	Wind	In Service	Oct-04	EDGE	In Service	Jun-07	
<a href="#">Jersey</a>	Cable & Wireless /sure.Mobile	In Service	Sep-06	EDGE	In Service	Dec-07	
<a href="#">Jersey</a>	Jersey Telecoms	In Service	Jun-06		In Service	Sep-07	
<a href="#">Jersey</a>	Airtel-Vodafone	In Service	Jun-07	EDGE	In Service	Jun-07	
<a href="#">Liechtenstein</a>	Orange	In Service	Feb-07		In Service	June-07	
<a href="#">Liechtenstein</a>	mobikom	In Service	Mar-07		In Service	Mar-07	
<a href="#">Liechtenstein</a>	Telecom FL (Swisscom)	In Service	Feb-07	EDGE	In Service	Jun-07	
<a href="#">Liechtenstein</a>	Tele2 (Tango)	In Service	Jun-08		In Service	Jun-08	
<a href="#">Luxembourg</a>	LUX Communications (VOX)	In Service	May-05	EDGE	In Service	Jun-07	
<a href="#">Luxembourg</a>	P&T Luxembourg (LUXGSM)	In Service	Jun-03	EDGE	In Service	May-07	
<a href="#">Luxembourg</a>	Tele2 (Tango)	In Service	Jul-04		In Service	Dec-07	
<a href="#">Madeira</a>	Optimus	In Service	Feb-06		In Service	Feb-06	
<a href="#">Malta</a>	Mobislie Comm. (go mobile)	In Service	Apr-07	EDGE	In Service	Apr-07	
<a href="#">Malta</a>	Vodafone	In Service	Aug-06		In Service	Dec-06	
<a href="#">Monaco</a>	Monaco Telecom / Monacell	In Service	Jun-06		In Service	Jun-09	
<a href="#">Netherlands</a>	KPN Mobile (Telfort)	In Service	Oct-04	EDGE	In Service	Dec-06	<b>Feb-08</b>
<a href="#">Netherlands</a>	T-Mobile Netherlands	In Service	Jan-06	EDGE	In Service	Apr-06	<b>May-08</b>
<a href="#">Netherlands</a>	Vodafone Libertel	In Service	Jun-04		In Service	Jul-06	<b>Feb-09</b>
<a href="#">Norway</a>	Hi3G Access	Planned			Planned		
<a href="#">Norway</a>	Netcom (TeliaSonera)	In Service	Jun-05	EDGE	In Service	Apr-07	Jun-09
<a href="#">Norway</a>	Telenor Mobil	In Service	Dec-04	EDGE	In Service	Nov-07	Jun-09
<a href="#">Portugal</a>	Optimus	In Service	Jun-04		In Service	Dec-06	<b>Jun-08</b>
<a href="#">Portugal</a>	TMN (Telemovel)	In Service	Apr-04		In Service	Apr-06	<b>Dec-08</b>
<a href="#">Portugal</a>	Vodafone Telecel	In Service	May-04		In Service	Mar-06	<b>Sep-07</b>
<a href="#">San Marino</a>	Telefonia Mobile Sanmarinese	In Service	Dec-07				
<a href="#">Spain</a>	Amena / Orange	In Service	Oct-04		In Service	Jun-06	<b>Apr-08</b>
<a href="#">Spain</a>	Telefónica Móviles (Movistar)	In Service	May-04		In Service	Oct-06	<b>Aug-07</b>
<a href="#">Spain</a>	Vodafone España	In Service	May-04		In Service	Jun-06	<b>Sep-07</b>
<a href="#">Spain</a>	Xfera (Yoigo)	In Service	Dec-06		In Service	Dec-07	<b>Dec-08</b>
<a href="#">Sweden</a>	Hi3G	In Service	May-03		In Service	Nov-06	<b>Sep-07</b>
<a href="#">Sweden</a>	TeliaSonera	In Service	Mar-04	EDGE	In Service	June-07	
<a href="#">Sweden</a>	Svenska UMTS-Nät (Tele2)	In Service	Mar-04		In Service	April-07	Jun-09
<a href="#">Sweden</a>	Telenor Sverige AB (Vodafone)	In Service	Jul-04		In Service	Jun-07	Jun-09
<a href="#">Switzerland</a>	Orange	In Service	Sep-05	EDGE	In Service	Apr-07	Jun-09
<a href="#">Switzerland</a>	Swisscom Mobile	In Service	Dec-04	EDGE	In Service	Mar-06	<b>Feb-08</b>

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Country	Operator	UMTS Status	Start Date	EDGE	HSDPA Status	Start Date	HSUPA
<a href="#">Switzerland</a>	TDC Switzerland (sunrise)	In Service	Dec-05	EDGE	In Service	Feb-07	Mar-08
<a href="#">Switzerland</a>	Team 3G	License Awarded					
<a href="#">UK</a>	Hutchison 3G (3)	In Service	Mar-03		In Service	Aug-06	
<a href="#">UK</a>	O2	In Service	Mar-05		In Service	Feb-07	Sep-08
<a href="#">UK</a>	Orange	In Service	Dec-04	EDGE	In Service	Feb-07	Apr-08
<a href="#">UK</a>	T-Mobile UK	In Service	Oct-05		In Service	Aug-06	Jul-08
<a href="#">UK</a>	Vodafone	In Service	Nov-04		In Service	Jun-06	Sep-07
<b>Latin America</b>							
<a href="#">Argentina</a>	Claro (America Movil)	In Service	Nov-07	EDGE	In Service	Nov-07	
<a href="#">Argentina</a>	Telecom Personal	In Service	May-07	EDGE	In Service	May-07	
<a href="#">Argentina</a>	Telefonica Moviles (Movistar)	In Service	Jul-07	EDGE	In Service	Jul-07	
<a href="#">Aruba</a>	SETAR	In Service	Dec-07		In Service	Dec-07	
<a href="#">Bermuda</a>	BTC / M3 Wireless	In Service	Mar-09		In Service	Mar-09	
<a href="#">Bolivia</a>	Millicom (Tigo)	In Service	Aug-08	EDGE	In Service	Aug-08	
<a href="#">Brazil</a>	Brasil Telecom	In Service	May-08	EDGE	In Service	May-08	
<a href="#">Brazil</a>	CTBC	In Service	Apr-08	EDGE	In Service	Apr-08	
<a href="#">Brazil</a>	Sercomtel	In Service	Dec-08	EDGE	In Service	Dec-08	
<a href="#">Brazil</a>	Claro (America Movil)	In Service	Nov-07	EDGE	In Service	Nov-07	
<a href="#">Brazil</a>	Oi	In Service	May-08	EDGE	In Service	Dec-08	
<a href="#">Brazil</a>	TIM	In Service	Apr-08	EDGE	In Service	Apr-08	
<a href="#">Brazil</a>	VIVO	In Service	Sept-08	EDGE	In Service	Sep-08	Sep-08
<a href="#">Chile</a>	Entel PCS	In Service	Dec-06	EDGE	In Service	Dec-06	
<a href="#">Chile</a>	Claro (America Movil)	In Service	Jan-08		In Service	Jan-08	
<a href="#">Chile</a>	Telefonica Moviles / Movistar	In Service	Dec-07	EDGE	In Service	Dec-07	
<a href="#">Colombia</a>	Millicom (Tigo)	In Service	Dec-08	EDGE	In Service	Dec-08	
<a href="#">Colombia</a>	Comcel (America Movil)	In Service	Jan-08	EDGE	In Service	Jan-08	
<a href="#">Colombia</a>	Movistar (Telefonica Moviles)	In Service	Dec-08	EDGE	In Service	Dec-08	
<a href="#">Costa Rica</a>	ICE Telefonía Celular	In Deployment	Q4 2010		Planned	Q4 2010	
<a href="#">Dominican Rep.</a>	Claro (America Movil)	In Service	Sep-08	EDGE	In Service	Sep-08	
<a href="#">Dominican Rep.</a>	Orange	In Service	Mar-09		In Service	Mar-09	
<a href="#">Ecuador</a>	Porta (America Movil)	In Service	Sep-08	EDGE	In Service	Sep-08	
<a href="#">Ecuador</a>	Movistar (Telefonica Moviles)	Planned	Q1 2009	EDGE	Planned		
<a href="#">El Salvador</a>	Claro (America Movil)	In Service	Jan-08		In Service	Jan 08	
<a href="#">El Salvador</a>	Millicom (Tigo)	In Service	Aug-08	EDGE	In Service	Aug-08	
<a href="#">French West Indies</a>	Outremer Telecom	In Service	Dec-08		In Service	Dec 2008	
<a href="#">Guatemala</a>	Claro (America Movil)	In Service	Apr-08	EDGE	In Service	Apr-08	
<a href="#">Guatemala</a>	Millicom (Tigo)	In Service	Aug-08	EDGE	In Service	Aug-08	
<a href="#">Honduras</a>	Millicom (Tigo)	In Service	Aug-08	EDGE	In Service	Aug-08	
<a href="#">Honduras</a>	Claro (America Movil)	In Service	Feb-08		In Service	Aug-08	Jun-09
<a href="#">Jamaica</a>	Claro (America Movil)	In Service	Sep-08	EDGE	In Service	Sept-08	
<a href="#">Mexico</a>	Telcel (America Movil)	In Service	Feb-08	EDGE	In Service	Feb-08	Jun-09
<a href="#">Mexico</a>	Telefonica Moviles/Movistar	In Service	Nov-08	EDGE	In Service	Nov-08	
<a href="#">Nicaragua</a>	Claro (America Movil)	In Service	Apr-08		In Service	Apr-08	
<a href="#">Panama</a>	Movistar (Telefonica Moviles)	In Service	Dec-08	EDGE	In Service	Dec-08	

Country	Operator	UMTS Status	Start Date	EDGE	HSDPA Status	Start Date	HSUPA
<a href="#">Paraguay</a>	Claro (America Movil)	In Service	Nov-07	EDGE	In Service	Nov-07	
<a href="#">Paraguay</a>	Millicom (Tigo)	In Service	Aug-08	EDGE	In Service	Aug-08	
<a href="#">Paraguay</a>	Personal (Nucleo)	In Service	Mar-08	EDGE	In Service	Mar-08	Dec-09
<a href="#">Peru</a>	Claro (America Movil)	In Service	Apr-08	EDGE	In Service	Apr-08	<b>Sep-08</b>
<a href="#">Puerto Rico</a>	AT&T	In Service	Nov-08	EDGE	In Service	Nov-06	<b>Dec-08</b>
<a href="#">Puerto Rico</a>	Claro (America Movil)	In Service	Sep-08	EDGE	In Service	Sep-08	
<a href="#">Uruguay</a>	Ancel	In Service	Jul-07	EDGE	In Service	Jul-07	Dec--09
<a href="#">Uruguay</a>	Claro (America Movil)	In Service	Nov-07		In Service	Nov-07	
<a href="#">Uruguay</a>	Telefonica Moviles /Movistar	In Service	Jul-07	EDGE	In Service	Jul-07	
<a href="#">Venezuela</a>	Movistar (Telefonica Moviles)	In Service	Dec 08	EDGE	In Service	Dec 08	
<a href="#">Venezuela</a>	Digitel	In Service	Mar-09	EDGE	In Service	Mar-09	
<a href="#">Venezuela</a>	Movilnet	Planned	Dec-09		Planned	Dec-09	
<b>Middle East</b>							
<a href="#">Afghanistan</a>	Afghan Wireless Comm. Comp.	Planned	Dec-09		Planned	Dec-09	
<a href="#">Bahrain</a>	Batelco	In Service	Dec-07	EDGE	In Service	Dec-07	
<a href="#">Bahrain</a>	Zain (ex-MTC Vodafone)	In Service	Dec-03	EDGE	In Service	May-06	
<a href="#">Kuwait</a>	Kuwait Telecom Comp. (Viva)	In Service	Jan-09		In Service	Jan-09	
<a href="#">Kuwait</a>	Zain	In Service	Mar-06	EDGE	In Service	Jan-07	<b>Mar-09</b>
<a href="#">Kuwait</a>	Wataniya Telecom	In Service	Mar-06	EDGE	In Service	Mar-06	
<a href="#">Lebanon</a>	FTML	Planned	Jun-09		Planned	Dec-10	
<a href="#">Oman</a>	Nawras Telecom (TDC)	In Service	Dec-07	EDGE	In Service	Dec-07	
<a href="#">Oman</a>	Oman Mobile / Omantel	In Service	Dec-08		In Service	Dec-08	<b>Dec-08</b>
<a href="#">Qatar</a>	Q-TEL	In Service	Jul-06		In Service	Jul-07	
<a href="#">Saudi Arabia</a>	Etisalat / Mobily	In Service	Jun-06	EDGE	In Service	Jul-06	<b>Mar-09</b>
<a href="#">Saudi Arabia</a>	STC/ Al Jawwal	In Service	Jun-06	EDGE	In Service	Jun-06	
<a href="#">Saudi Arabia</a>	Zain	In Service	Aug-08	EDGE	In Service	Aug-08	Mar-09
<a href="#">Syria</a>	MTN	In Deployment	Jan-09	EDGE	Planned	Jan-09	
<a href="#">Syria</a>	SyriaTel	In Service	Aug-08	EDGE	In Service	Aug-08	
<a href="#">UAE</a>	Etisalat	In Service	Jan-04	EDGE	In Service	Apr-06	
<a href="#">UAE</a>	Du	In Service	Feb-07	EDGE	In Service	May-07	

Country	Operator	UMTS Status	Start Date	EDGE	HSDPA Status	Start Date	HSUPA
<b>North America</b>							
<a href="#">Canada</a>	BCE	Planned	N/A		Planned		
<a href="#">Canada</a>	Dave Wireless	Planned			Planned		
<a href="#">Canada</a>	Globalive Wireless	Planned			Planned		
<a href="#">Canada</a>	MTS Mobility	Planned			Planned		
<a href="#">Canada</a>	<b>Rogers Wireless</b>	<b>In Service</b>	<b>Nov-06</b>	<b>EDGE</b>	<b>In Service</b>	<b>Nov-06</b>	<b>Jul-08</b>
<a href="#">Canada</a>	Sasktel Mobility	Planned			Planned		
<a href="#">Canada</a>	Telus	Planned	N/A		Planned		
<a href="#">Canada</a>	Videotron	Planned			Planned		
<a href="#">USA</a>	<b>AT&amp;T</b>	<b>In Service</b>	<b>Jul-04</b>	<b>EDGE</b>	<b>In Service</b>	<b>Dec-05</b>	<b>Nov-07</b>
<a href="#">USA</a>	Centennial Wireless	Planned		<b>EDGE</b>			
<a href="#">USA</a>	Cincinnati Bell Wireless	In Deployment	2009	<b>EDGE</b>			
<a href="#">USA</a>	NewCore Wireless	Planned	2010				
<a href="#">USA</a>	<b>Stelera Wireless / Data Only</b>	<b>In Service</b>	<b>Dec-07</b>		<b>In Service</b>	<b>Dec-07</b>	<b>Dec-07</b>
<a href="#">USA</a>	<b>T-Mobile USA</b>	<b>In Service</b>	<b>May-08</b>	<b>EDGE</b>	<b>In Service</b>	<b>May-08</b>	Planned
<a href="#">USA</a>	Terrestar	In Deployment	2009		In Deployment	2009	

**In Service:** Operator has commercially launched its network to both consumer and enterprise market, with handsets and/or data cards available in retail outlets.

**In Deployment:** Operator is building the network or has launched limited non-commercial trials, including those with "friendly" users.

**Planned:** Licensee is in planning stages of deploying network.

**License Awarded:** License has been awarded, but licensee has not announced date to deploy network or roll-out.

**Potential License:** Some level of speculation. Government policy or privatization process indicates that licensing opportunities may become available. Operator may have announced that if they receive spectrum, they may deploy the technology.