

Commonwealth Telecommunications Organisation

Country Page – United Kingdom

ICT Sector Information

Sector	Culture, Media and Sport
Minister	Ed Vaizey, MP Minister for Culture, Communications and Creative Industries
Principal Institutions	Department for Culture, Media and Sport - responsible for regulating and enabling growth in the UK's telecoms market
Regulator	OFCOM Independent regulator and competition authority for the UK communications industry
Related Department	Department for Business, Innovation and Skills

Mobile Operators

Operator	Technology
Everything Everywhere (brands: Orange and T-mobile)	1800 MHz GSM, GPRS, EDGE, 2100 MHz UMTS, HSDPA, HSPA+, WiFi UMA (Orange UMA enabled handsets only) 1800 MHz LTE (Planned)
O ₂	900/ 1800 MHz GSM, GPRS, EDGE, 900 ^[117] / 2100 MHz UMTS, HSDPA, HSPA+ LTE (Planned)
Vodafone	900/ 1800 MHz GSM, GPRS, EDGE, 2100 MHz UMTS, HSDPA, HSPA+ 28.8Mbps DC-HSPA LTE (Planned)
3	2G roaming on Orange in specific rural areas 2100 MHz UMTS, HSDPA, HSPA+, trials DC-HSDPA Full rollout will begin in Summer 2012. LTE (Planned)
Virgin Mobile (uses Orange & T-Mobile)	GSM, GPRS UMTS, HSDPA

Tesco Mobile (uses O ₂)	GSM, GPRS EDGE UMTS HSDPA, HSPA+
giffgaff (uses O ₂)	GSM, GPRS, EDGE UMTS, HSDPA, HSPA+
Asda Mobile	GSM, GPRS, EDGE UMTS, HSDPA, HSPA+
Talkmobile (uses Vodafone)	GSM, GPRS, EDGE UMTS, HSDPA, HSPA+
TalkTalk Mobile (uses Vodafone - must be a TalkTalk customer)	GSM, GPRS, EDGE UMTS, HSDPA, HSPA+
LycaMobile (uses O ₂ & Orange UK)	GSM
Lebara Mobile (uses Vodafone)	GSM
Vectone Mobile (uses Orange & T- Mobile)	GSM, GPRS, UMTS, HSDPA
BT Mobile (uses Vodafone)	GSM, GPRS
Abica (uses 3 and Everything Everywhere)	GSM, GPRS, EDGE UMTS, HSDPA, HSPA+
C Mobile (uses Orange & T- Mobile)	GSM, GPRS, EDGE UMTS, HSDPA
Tru (uses Vodafone)	GSM, GPRS, EDGE, UMTS, HSDPA, HSPA+
Kcom Mobile (uses O ₂)	GSM
Telecom Plus (uses Orange & T- Mobile)	GSM, GPRS UMTS, HSDPA
Family Mobile (uses Orange & T- Mobile)	GSM, GPRS UMTS
UK01	GSM Spectrum Interactive kiosks (London Only)
Sim4Travel ^[123]	GSM
Truphone Local Anywhere (uses Vodafone)	GSM
GT Mobile	GPRS
Smarter Mobile (uses 3 & Private GSM Technologies)	UMTS, HSDPA
Phone Co-op (uses Orange & T- Mobile)	UMTS
iCard mobile (uses Vodafone)	GPRS
Anvil mobile (uses 3)	UMTS HSDPA HSPA+
Desi Mobi (uses Vodafone)	GSM
Vizz Mobile	GSM

(uses Vodafone)	
RMmobile (Everything Everywhere UK & 3)	GSM UMTS HSDPA HSPA+
Now mobile (uses Orange & T- Mobile)	GSM GPRS EDGE UMTS, HSDPA HSPA+
Kontakt mobile (uses Vodafone)	GSM
Delight Mobile (uses Orange & T- Mobile)	GSM GPRS EDGE UMTS, HSDPA HSPA
Dalya Mobile (uses Vodafone)	GSM
Kite Mobile (uses 3)	UMTS HSDPA HSPA+
Priyo Mobile (uses Orange & T- Mobile)	GSM GPRS EDGE UMTS, HSDPA HSPA+
Vizz Africa (uses Vodafone)	GSM
Boy Better Know mobile (uses 3)	UMTS HSDPA HSPA+
Wolves Mobile (uses Orange & T- Mobile)	GSM, GPRS, EDGE, UMTS, HSDPA, HSPA+
SimpleCall Mobile (uses Orange & T- Mobile)	GSM, GPRS UMTS, HSDPA
DiDa Mobile (uses 3)	UMTS HSDPA HSPA+
Vizz Roshan (uses Vodafone)	GSM
Tismi Mobile BV (uses 3)	UMTS HSDPA HSPA+
Banana Mobile (uses Orange & T- Mobile)	GSM, GPRS, EDGE,UMTS HSDPA HSPA+
Ovivo Mobile (uses Vodafone)	GSM, GPRS, EDGE,UMTS HSDPA HSPA+
RSPCA Mobile (uses Orange & T- Mobile)	GSM, GPRS, EDGE,UMTS HSDPA HSPA+
Bemilo (uses Vodafone)	GSM, GPRS, EDGE,UMTS HSDPA HSPA+

CTO Niche Areas

Broadband

National Policy Documents	The April 2010 Digital Economy Act - UK's current broadband policy which will guide the sector's development through to 2015 is mostly based on the April 2010 Digital Economy Act ¹ .
Agency	Broadband Delivery UK (BDUK) - a unit within DCMS, is responsible for managing the Government's broadband funding
Projects	Rollout of Superfast Broadband - £150 million in 'super-connected cities' across the UK
Publications	Britain's Superfast Broadband Future
Other Resources	Local Broadband Plans Broadband provision mapped

Broadband Indicators²

Indicators	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Mobile broadband subscriptions per 100 inhabitants	0.00	0.00	0.00	0.35	4.28	7.65	12.91	20.55	33.86	37.96			
Fixed Broadband Subscriptions per 100 inhabitants	0.09	0.56	2.29	5.22	10.22	16.44	21.50	25.63	28.19	28.97	30.84	32.75	34.03

Cybersecurity & Cybercrime

Policy	Cyber Security Strategy of the United Kingdom
Agency	Office of Cyber Security and Information Assurance (OCSIA)

¹ <http://www.budde.com.au/Research/United-Kingdom-National-Broadband-Policy-to-2015.html>

² ITU statistics

	Cyber Security Operations Centre (CSOC)
Projects	Get Safe Online Cyber Security Challenge
Related Publications	Cyber Security and the UK's Critical National Infrastructure – Chatham House Report
Other Resources	Cybersecurity Forum

E-Education Skill Development and Entrepreneurship

Policy Documents	Harnessing Technology: Next Generation Learning emPowering Schools Strategy - set out a broad vision for enhancing teaching, learning and leadership in schools through the use of educational technology -
Agency	Department of Education (DE) British Educational Communications and Technology Agency (Becta) Joint Information Systems Committee (JISC)
Indicators - Internet access in schools, Out of a 1–7 (best) scale	6.2
Publications	A guide to ICT in the UK education system ICT in schools 2008-11 – Ofsted Report

ICT For Disabilities

Policy Documents	Provisions in the Communications Act (2003) and The Disability Discrimination Act 2005 (amending The Disability Discrimination Act 1995) ³ The E-Accessibility Access Plan
Agency	Office for Disability Issues (ODI)

³ <http://www.legislation.gov.uk/ukpga/2005/13/contents>; <http://www.legislation.gov.uk/ukpga/2003/21/contents>

Projects	ODI Digital Inclusion Project
Other Resources	eAccess Forum

Regulatory Environments including convergence and digital broadcasting switchover

Policy Documents	The UK Communications Act 2003 Digital Television Action Plan
Agency	OFCOM
Projects	Digital Switchover (completed) 4G spectrum licence plans

Youth and ICTs

Policy Documents	Harnessing Technology: Next Generation Learning
Agency	Department of Education (DE) British Educational Communications and Technology Agency (Becta) Joint Information Systems Committee (JISC)
Projects	Community Careers: Community Careers Centre - provides access to free ICT facilities with Internet access working in partnership with UK Online services European Commission: E.Future - improves the ICT skills of youth learners and guide them in how to use innovative tools in everyday activities, such as searching for information, creating a CV, searching for courses, etc
Publications	Girls, Boys and ICT in the UK: An Empirical Review and Competing Policy Agendas

ICT Sector Indicators

Indicators on ICT infrastructure and access - ⁴

Indicators	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Fixed telephone subscriptions	35,2 28,0 00	34,5 79,0 00	34,7 37,6 00	34,5 50,3 20	34,5 76,4 87	34,0 68,4 28	33,8 48,5 10	33,4 62,2 00	34,191 ,893	33,5 06,0 00	33,4 09,0 00	33,2 52,0 00	33,0 10,0 00
Fixed telephone subscriptions per 100 inhabitants	59.8 4	58.5 1	58.5 4	57.9 7	57.7 3	56.5 9	55.9 1	54.9 5	55.80	54.3 5	53.8 5	53.2 7	52.5 7
Mobile cellular telephone subscriptions	43,4 52,0 00	46,2 83,0 00	49,2 28,0 00	54,2 56,2 21	59,6 87,9 15	65,4 71,6 65	70,0 77,9 26	73,8 36,2 10	76,735 ,443	80,2 55,4 45	81,1 15,4 92	81,6 12,0 00	82,1 09,0 00
Mobile cellular telephone subscriptions per 100 inhabitants	73.8 0	78.3 2	82.9 6	91.0 3	99.6 6	108. 75	115. 76	121. 25	125.24	130. 17	130. 76	130. 75	130. 75
Estimated Internet Users per 100 inhabitants	26.8 2	33.4 8	56.4 8	64.8 2	65.6 1	70.0 0	68.8 2	75.0 9	78.39	83.5 6	85.0 0	86.8 4	87.0 2

World Economic Forum ICT Readiness Indicators⁵

Laws relating to ICT, out of a 1–7 (best) scale	5.6
Mobile Network Coverage, % pop. covered	99.7
Households with personal computers, %	84.6
Broadband Internet	32.7

⁴ ITU statistics

⁵ These indicators are derived from the World Economic Forum's Executive Opinion Survey.
http://www3.weforum.org/docs/WEF_GITR_Report_2013.pdf

subscriptions/100 pop	
Mobile broadband subscriptions/100 pop	52.6
Use of virtual social networks, out of a 1–7 (best) scale	6.6
Impact of ICT on new services and products, out of a 1–7 (best) scale	5.9
Impact of ICT on new organisational models, out of a 1–7 (best) scale	5.6
Gov't Success in ICT Promotion, out of a 1–7 (best) scale	5.1
Importance of ICT to gov't vision, out of a 1–7 (best) scale	4.8
ICT use & gov't efficiency, out of a 1–7 (best) scale	5.2
Gov't Online Service Index, out of a 0-1 (best) scale	0.97
E-Participation Index, out of a 0-1 (best) scale	0.92

Core indicators on the ICT (producing) sector⁶

	2002	2003	2004	2005	2006	2007	2008	2009
ICT1 Proportion (%) of total business sector workforce involved in the ICT sector	-	-	-	-	-	-	-	
ICT2 ICT sector share of gross value added (%)	-	-	-	10.7	-	-	9.6	-

Related ICT Publications from International Organisations

Source Organisation	Title of Publication
World Economic Forum	The Global Information Technology Report 2013
Other ICT related Resources	UNCTADSTAT Website

⁶ Obtained from UNCTADSTAT Website
<http://unctadstat.unctad.org/TableViewer/tableView.aspx?ReportId=1634>