

## Telecommunications & Networking Reference Information

by Vic Ient, MSc

*Authors note:*

*This list provides a list of information sources regarding telecommunication standards & reference bodies. If you see there are errors or omissions please contact me & I will update the list*

Organisation	Link	Information
<b>EU &amp; UK Government</b>		
EU Commission on IS/IT & Telecommunications	<a href="#">Information Society</a>	European Union portal regarding EU policies, initiatives & information
European Telecommunications Standards Institute	<a href="#">ETSI</a>	Information and Communication Technologies (ICT) standards body
UK Government Telecomm Regulator	<a href="#">Ofcom</a>	Ofcom is the independent regulator and competition authority for the UK communications industries, with responsibilities across television, radio, telecommunications and wireless communications services
Office of the Telecommunications Ombudsman	<a href="#">Otelco</a>	Ombudsman Service for public communication providers and their customers
<b>Standard Bodies</b>		
3 <sup>rd</sup> Generation partnership Project (3GPP)	<a href="#">3GPP</a>	Organisation for 3rd Generation Mobile System based on evolved GSM core networks and the radio access technologies that they support, (i.e., Universal Terrestrial Radio Access (UTRA) both Frequency Division Duplex (FDD) and Time Division Duplex (TDD) modes) including evolved radio access technologies (e.g. General Packet Radio Service (GPRS) and Enhanced Data rates for GSM Evolution (EDGE)).
Institute of Electrical and Electronics Engineers, Inc.	<a href="#">IEEE</a>	The IEEE promotes the engineering process of creating, developing, integrating, sharing, and applying knowledge about electro and information technologies and sciences for the benefit of humanity and the profession.
The World Wide Web Consortium (W3C)	<a href="#">W3C</a>	Develops interoperable technologies (specifications, guidelines, software, and tools) for the Web
The Internet Engineering Task Force	<a href="#">IETF</a>	The IETF is a large open international community of network designers, operators, vendors, and researchers concerned with the evolution of the Internet architecture and the smooth operation of the Internet.

Organisation	Link	Information
<b>API &amp; Protocol Organisation &amp; Groups</b>		
PARLAY	<a href="#">Parlay Group</a>	Open Application Programming Interfaces (APIs). Link IT applications with the capabilities of the communications world.
Session Initiation Protocol Forum	<a href="#">SIP</a>	The SIP Forum is an industry organization with members from the leading SIP technology companies
TIPHON		<p>Recognizing the urgent need for common solutions, ETSI, has established TIPHON "Telecommunications and Internet Protocol Harmonization Over Networks".</p> <p>The project's objective is to support the market for voice communication and related voice band communication (such as facsimile) between users. It will ensure that users connected to IP based networks can communicate with users in Switched Circuit Networks (SCN - such as PSTN, ISDN and GSM, and vice versa. As well as between users in SCN, where IP-based networks are used for connection/trunking between the SCN involved. The support comes in the production of appropriate ETSI deliverables: technical specifications and reports. In addition, the activity will include validation and demonstrations, in order to confirm the appropriateness of the solutions proposed.</p> <p>The prime goal is to produce global standards.</p>
<b>VOICE OVER IP &amp; IP TELEPHONY</b>		
VoIP calculator	<a href="#">VoIP calculator</a>	A technical site for assessing IP telephony
VoIP News	<a href="#">VoIP News</a>	VoIP news site
VoIP Promotion Site	<a href="#">VoIP Information</a>	This web site is a website promoted by "gradwell.com Limited", a UK provider of Voice Over IP Solutions. Their intention is to promote the ideas and concepts behind Voice Over IP and aid a greater understanding of the technology and opportunities it provides.
Voice Over IP Reference information	<a href="#">VoIP Reference Information</a>	Protocols.com web site offering comprehensive information on VoIP. The site is sponsored by RADCOM who provide communication test systems
<b>PROTOCOLS ( See also W3C, IEEE &amp; ETSI standards)</b>		
Information on Protocols & Standards	<a href="#">Protocols.com</a>	Protocols.com web site offering a comprehensive listing of data communications protocols, their functions in respect to the OSI model, the structure of the protocol and various errors and parameters. The site is sponsored by RADCOM who provide communication test systems