

## Voice over IP (VoIP)

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**Voice over Internet Protocol (VoIP)** is a general term for a family of transmission technologies for delivery of voice communications over IP networks such as the Internet or other packet-switched networks. Other terms frequently encountered and synonymous with VoIP are *IP telephony*

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*Internet telephony*

,  
*voice over broadband*  
(VoBB),

*broadband telephony*

, and

*broadband phone*

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VoIP systems usually interface with the traditional public switched telephone network (PSTN) to allow for transparent phone communications worldwide<sup>[1]</sup>.

VoIP systems employ session control protocols to control the set-up and tear-down of calls as well as audio codecs which encode speech allowing transmission over an IP network as digital audio via an audio stream. Codec use is varied between different implementations of VoIP (and often a range of codecs are used); some implementations rely on narrowband and compressed speech, while others support high fidelity stereo codecs.

[Contact Us](#) to learn more about Voice over Internet Protocol (VoIP).