



Overview

Voxbone offers its customers various options to interconnect, depending on their requirements for quality of service or security. The default interconnection is public IP. If Voxbone and the customer reside in a nearby data center, a dedicated remote interconnection can be set up. A physical local interconnection or cross-connect is available if both Voxbone and the customer have their equipment in the same data center.

Voxbone offers an automatic and immediate public Internet failover service in case the dedicated link should go down. This interconnect option provides the highest level of quality of service and security for an additional monthly fee.

To arrange for this network interconnect, the customer needs to set up a dedicated IP link between their data center and one of Voxbone's SuperPOPs in Brussels, Frankfurt, New York, Los Angeles or Singapore.

Public Internet Interconnect

By default, Voxbone delivers phone calls, faxes and Short Message Service (SMS) texts via the Internet. Voxbone is interconnected with an increasing number of global IP connectivity providers. At the end of 2010, Voxbone was directly interconnected with 12 global providers. As a result of these multiple IP interconnect agreements the Internet section of the RTP path is always very short, which leads to excellent call quality regardless of where in the world the call needs to be delivered.

Via DNS SRV, Voxbone provides its customers with opportunities to load balance traffic over multiple SIP servers or rely on a secondary server for failover. Additionally, customers can protect SIP application signaling traffic between their networks and Voxbone's network by taking advantage of TLS (Transport Layer Security).

Physical Local Interconnect

For customers residing in the data center where Voxbone hosts one of its SuperPOPs, Voxbone provides the option to locally cross-connect on a dedicated copper or fiber port. Voxbone also provides an automatic and immediate public Internet failover service. Alternatively, customers may choose to implement a second dedicated interconnect as back up for the primary link.

Dedicated Remote Interconnect

Voxbone provides its wholesale customers with an opportunity to interconnect via a 3rd party ISP through an Ethernet local loop on a dedicated port.

SuperPOP Locations

USA, New York:	Telx	www.telx.com
USA, Los Angeles:	CoreSite	www.coresite.com
Belgium, Brussels:	Interxion	www.interxion.com
Germany, Frankfurt:	Ancotel	www.ancotel.com
Hong Kong:	MEGA-iAdvantage	www.iadvantage.net

