

## VOICE CONVERSATION

VaxStandardSDK is peer-to-peer based VoIP solution. It connects two persons over the direct peer-to-peer connection to have real-time voice talk over the LAN, WAN or Internet.



*Steps to initiate and Connect to the listening end:*

- Person A executes the application containing the VaxVoice component.
- Person B executes the application containing the VaxVoice component.
- Person B enters the Listening Port and waits for the connection.
- Person A enters the Person B's IP & Listening Port and sends the connection request.
- Person B gets the notification and accepts the connection.
- On successful connection, both start talking using headphones/speakers and microphone.

*Sequence of Method Calls:*

CLIENT END	LISTENING END
Initialize	Initialize
Connect	
	OnConnectionEvent
Receives Status Code: 51 (51 = CONNECTING)	AcceptIncomingCall
Receives Status Code: 53 (53 = CONNECTED)	
	Receives Status Code: 53 (53 = CONNECTED)
Successfully Connected and having Voice Talk	
Receives Status Code: 54 (54 = CONNECTION CLOSED)	Disconnect

\* For more information about methods, see the *Method Details Document* \*

Listening server, remains in the listening state, during the Voice Session. However, if the listening end changes its status to BUSY, and a client tries to connect to the listening end, that client will get STATUS EVENT CODE: 55 (which means the listening server is BUSY).

On Server side, `OnConnectionEvent` is triggered with client IP and Port, to establish or accept the connection. `AcceptIncomingCall` Method can be called by passing the client IP and Port.