



Tech Overview : Recording Skype Voice Conversations

Using the Internet for voice communication services is becoming increasingly widespread. One of the pioneers for this service, Skype, allows people to make free local and international calls over the Internet. Skype is compatible with most computers and networks. Its services include not only free global calls but also online conference calls, instant messaging, file transferring, etc. Those features have helped to increase the popularity of Skype.

The Growing Use of Skype

Skype is not just used exclusively for friends and families wanting a cheaper method of communication, business and their customers have welcomingly embraced it as well. Unfortunately, as far as Internet security is concerned, Skype brings not just convenience to businesses but network and Internet security problems as well. Skype can be used for private usage and occupy the enterprises bandwidth. However, a more serious issue is the ease in which employees using Skype may leak confidential businesses information.

Businesses are currently searching for ways to resolve the problems introduced by Skype. However, due to the difficulty managing Skype voice conversation packets, it has been difficult for networks to control its use.

The ultimate solution is the Nusoft Internet Recorder. Nusoft Internet Recorder can record all text and voice conversations in detail. For text conversations, the device records every single word between the participants and then shows the records clearly. For voice conversation, the device records conversations without missing a single syllable. In addition, the voice records can be archived and backed up easily via the user interface.

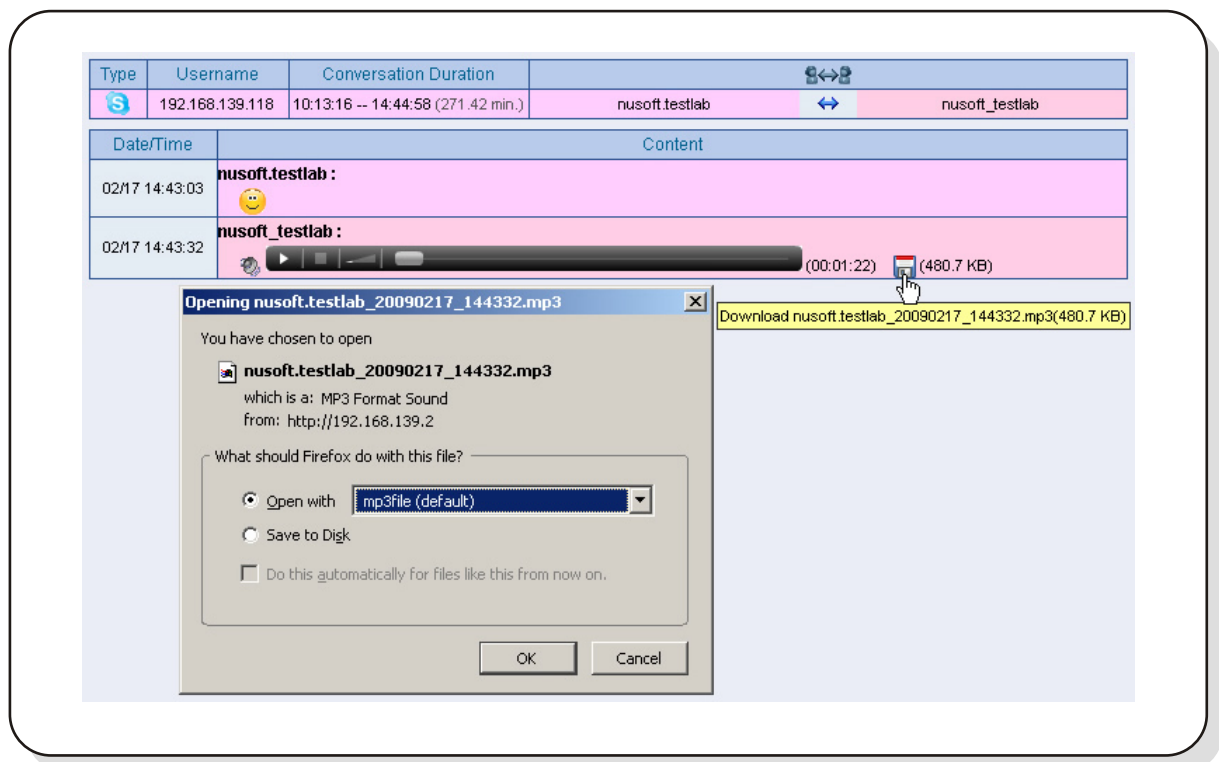


Figure 1 Opening / Downloading a Recorded Skype Voice Conversation





Archiving the Voice Conversation

In regards to managing users and their use of Skype, the IT administrator can divide the users into groups/departments and give different permissions to each group/department based on the businesses requirements.

One of the most impressive features of the Nusoft Internet Recorder is its ability to record Skype conversations and save them into a MP3 audio file (Bit rate: 48 kbps). The records provide you with stereo sound and almost identical voice quality in comparison to the original Skype conversation. The size of the file is stored at approximately 340 KB per minute, which is only a little bit bigger than the files recorded by other devices.

Stereo Voice Recording

The reason the files recorded by Nusoft are bigger than others is that Nusoft records the voice conversation in stereo instead of in mono. By recording in stereo, the voice can be played back via two independent audio channels, the internal user's voice output is used on one channel, and the external user's voice output is placed on the other channel. Thus, the IT administrator can choose to play the certain participant's voice without any interference by the other participant's voice. In addition, the IT administrator can also identify the speaker's voice simply by turning up the volume of the channel.

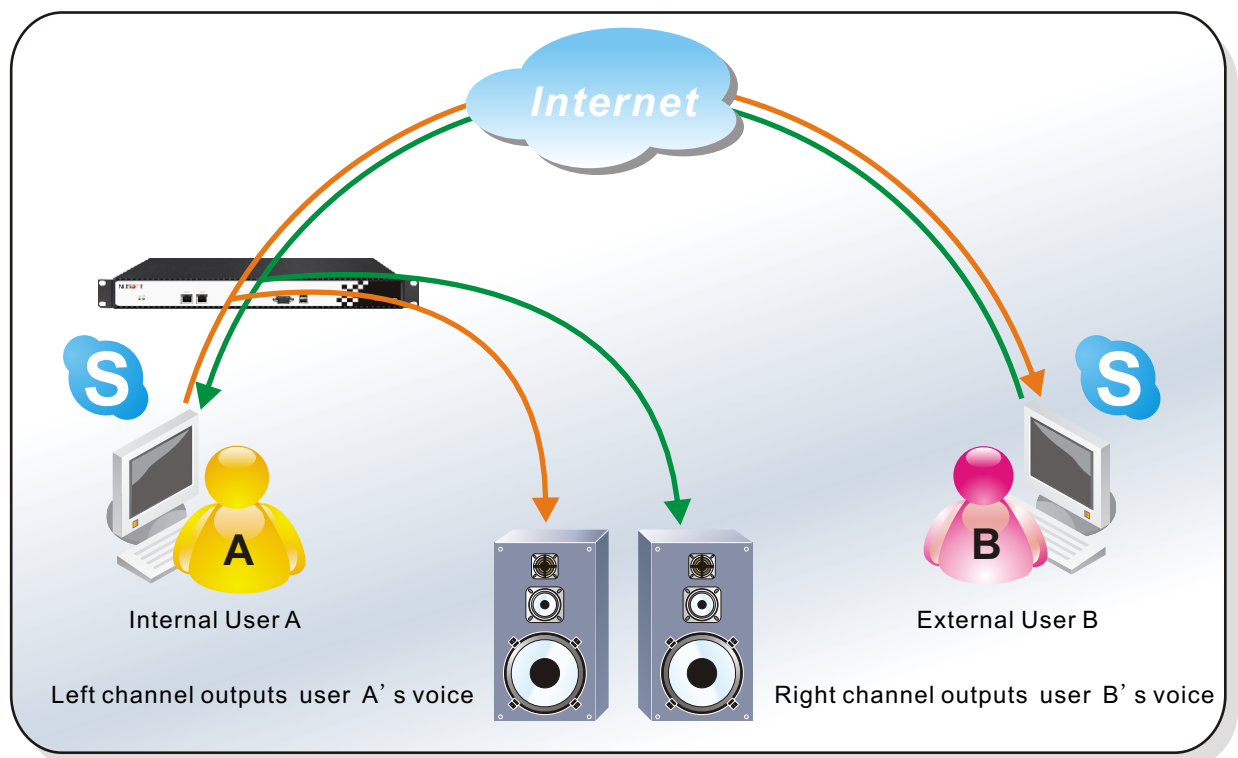


Figure 2 Two Independent Audio Channels



Product News : Nusoft Internet Recorder Now Supports Skype Voice Conversation Recording

As the Internet has gained explosive popularity around the world, it has indeed changed the way people communicate. Business owners now turn to instant messaging (IM) software, to provide a cheaper alternative to landline phones. Apart from text, communication over IP technology also takes the form of audio. Among IM software with this capability, Skype is one of the most widely used voice communication software.

Skype's Increasing Popularity

The number of Skype users is increasing dramatically, with more than 350 million registered users; Skype is the most popular form of voice communication service in the world. Statistics by TeleGeography Research shows that the number of users using Skype to make international calls is continuing to rise. In Taiwan, already more than 4,000 businesses have chosen to adopt Skype. In fact, all over the world more and more business owners talk to their business partners or customers over the Internet.

Stereo Voice Recording

Due to these current trends, text conversation recording is no longer enough for businesses. For more comprehensive recording, voice conversation recording becomes necessary. Nusoft Internet Recorder records voice conversations into MP3 audio files without missing a single syllable. The records provide you with stereo sound and almost identical voice quality in comparison to the original Skype conversation. In addition, recording in stereo enables the conversation to be displayed via two independent audio channels, one user's voice output is placed on one channel, and the other user's voice output is placed on another channel. Thus, the IT administrator can play the certain participant's voice without any interference by the other participant's voice.

IT Administrators can display the records anytime and anywhere simply via the user interface. The voice records can also be archived or backed up if needed.

	Nusoft Internet Recorder	Third-Party Internet Recording Devices
Skype Voice Conversation Recording Support	○	× (rarely)
Recording in Stereo	○	× (mono only)
Distortion-Free Recording	○	×
Backup Capabilities	○	×

Table 1 Feature Comparison