

## 31. VoIP Example 4 (Practical Application of FXS)

Based on the **VoIP Example 1(Basic Configuration and Registration)**, we will introduce the practical application of FXS.

Generally the practical application of FXS falls into the following two sections.

- Connect the telephones (Please refer to VoIP Example 1). Two VoIP equipments call with each other.
- Connect PBX's Outside Lines. The usage is the same as that of PSTN line. Different PBX has its own settings and required configuration by you.

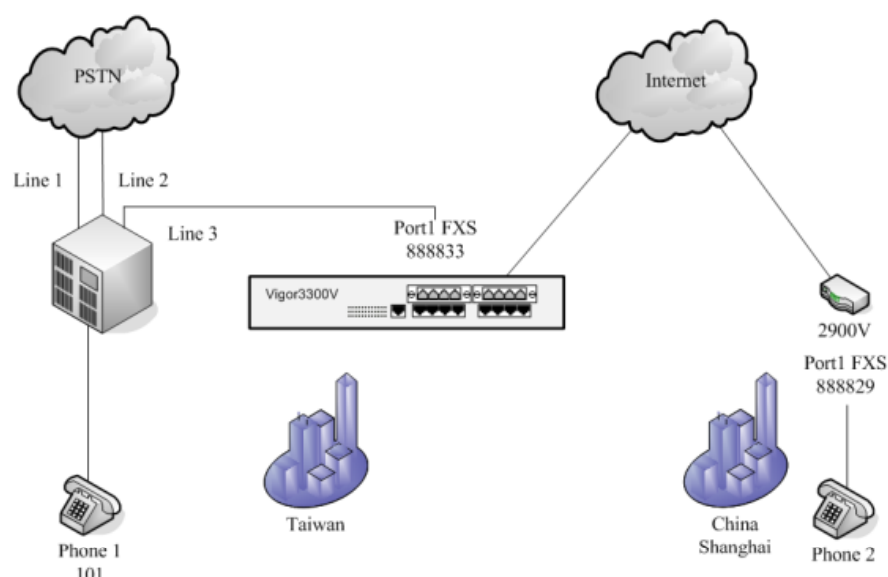


Figure 31-1. A scenario architecture graph

Table 31-1. Configuration table between 3300V and 2900V

	WAN IP	Port Number	Phone Number	Proxy	Codec
3300V	220.135.240.207	Port1(FXS)	888833	iptel	G.729A
2900V	61.31.167.135	Port1(FXS)	888829	iptel	G.729A

Suppose there are two PSTN lines connected to PBX's Outside Lines. The third Outside Line is connected to 3300V's FXS Port1. The Inside Line is connected to a telephone with the extension 101. If the extension wants to dial VoIP using Line 3, you must firstly press 3, and then dial the phone number.

Table 31-2. Example of lines connections

	PBX	Phone Number
Line3(3)	Outside Lines	888833
Phone1	Inside Lines	101

Start to dial by using telephones.

Phone 1 calls Phone 2---->Press **3**, after hearing the dial tone press VoIP number **888829#**.

Phone 2 calls Phone 1---->Press **888833#**, after getting through you will hear the auto reply from the PBX. Then press the extension **101**.

**Note:** # indicates termination of the phone number. After pressing #, VoIP is immediately called out. Or you may wait 3 seconds if you do not press #.

This example is the intercommunication with one SIP Proxy Server. For the applications of Direct IP Call and Intercommunication with different SIP Proxy Servers please refer to **VoIP Example 2(Basic Calling Method)**. The VoIP call can also wok with VPN, please refer to **VoIP Example 3(VoIP over VPN)**.

Also you can set up the Speed Dial entry. To accommodate the extension please set up 888829 to **291**, 888833 to **331**. You may refer to the figures shown below and **VoIP Example 2(Basic Calling Method)**.

Figure 31-2. Speed dial phone number settings

Figure 31-3. Edit of index 1