How to register your VIP-154T to IPX-2000/1800 IP PBX system (Auto-config)

In the following sample, we'll introduce how to integrate the IP Phone with our IP PBX system IPX-2000 via Auto-config feature.

Registration / Authentication

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IPX-2000 LAN IP Address: 192.168.0.50

■ VIP-154T A IP Address: 192.168.0.1
Line Number: 1001

■ VIP-154T B IP Address: 192.168.0.2
Line Number: 1002

Machine configuration on the IPX-2000

STEP 1:

Log in IPX-2000 and browse to the DHCP menu and create new options list for the auto configuration.

Code: please insert 151 as the DHCP server option.

Value: http://LAN IP of IPX-2000/tftpboot

If you'd like to enable auto-config for IP extension features in IPX-2000, please be sure to setup the DHCP option code and the value information.

In most case, insert the optional code 151 and the value=http://192.168.0.50/tftpboot/

Note: the 192.168.0.50 is the IP address of IPX-2000

STEP 2:

Please browse to the **Device → IP Phone** menu and create new device. And press the **EDIT** button for set up the Auto Config configuration.

STEP 3:

Please fill out the Vendor Prefix code and MAC Address of IP Phone.

ⓘNote:

The Vendor Prefix of VIP-154 series is **pla154**

STEP 4:

Please browse to the **Device → Extension of IP Phone** menu to create the two extension accounts/password: **1001/123** (for VIP-154T <u>A</u>), and **1002/123**(for VIP-154T <u>B</u>) for the voice calls.

STEP 5:

After setting up the parameters, please browse to the **Service → IP PBX service** menu, and press **RELOAD** of IP PBX configuration reload selection for activating the settings.

Machine configuration on the VIP-154T

STEP 6:

Please log in VIP-154T A via web browser, browse to the **Advanced Settings** menu. In the setting page, please browse to the **Auto-config** page, and select to **IP-PBX** choice of the Auto Configuration features for IP PBX system.

Auto Configuration Settings

You could enable/disable the auto configuration setting in this page.

Auto Configuration:	○ Off ○ TFTP ○ FTP ○ HTTP ● IP-PBX	
TFTP Server:		
HTTP Server:		Exp. 60.35.187.30
HTTP File Path:		Exp. /download/
FTP Server:		Exp. 60.35.17.1
FTP Username:		
FTP Password:		
FTP File Path:		Exp. /file/load

Submit   Reset

STEP 7:

After enabled the Auto-config feature, the VIP-154T <u>A</u> shall be able to obtain IP address and SIP extension information from IP PBX system IPX-2000 information. To verify the auto-config results, you may check the extension number from LCD display assigned by IPX-2000.

STEP 8:

Repeat the same configuration steps on VIP-154T <u>B</u>, and check if the VIP-154T <u>B</u> is successfully registered with the IPX-2000 as one of the IP extensions.

Test the scenario

To verify the VoIP communication, you may make calls from extension side (VIP-154T A) 1001 to the number 1002 (VIP-154T B) or reversely make calls from extension client (VIP-154T B) 1002 to the number 1001 (VIP-154T A)