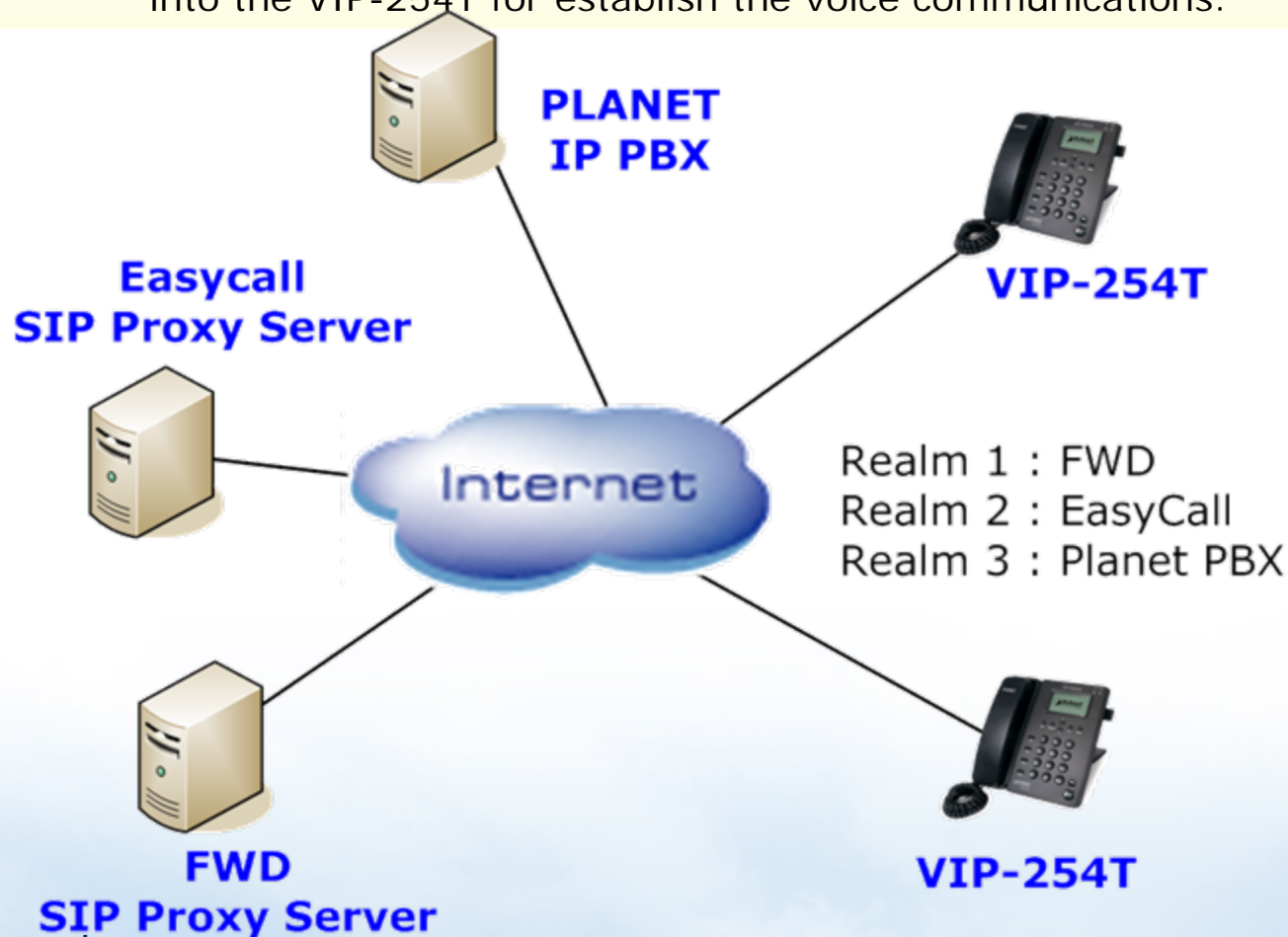# VoIP SIP Phone

**VIP – 254T / 254PT
SIP Server Install Procedure**

Scenarios explain: SIP Proxy Mode

We're using the free SIP proxy server **FWD** & **EasyCall** to perform the calling party. Please refer to the following descriptions and insert proper SIP registration information into the VIP-254T for establish the voice communications.

PLANET IP PBX

VIP-254T

Easycall SIP Proxy Server

Internet

Realm 1 : FWD
Realm 2 : EasyCall
Realm 3 : Planet PBX

FWD SIP Proxy Server

VIP-254T

You could set information of service domains in this page.

1

Realm 1 (Default)	
Active:	⦿ On ○ Off
Display Name:	288925
Line Number:	288925
Register Name:	288925
Register Password:	•••
Domain Server:	fwd.pulver.com
Proxy Server:	fwd.pulver.com
Outbound Proxy:	
Status:	Registered

Realm 2	
Active:	⦿ On ○ Off
Display Name:	655768
Line Number:	655768
Register Name:	655768
Register Password:	••••••
Domain Server:	sip.easycall.pl
Proxy Server:	sip.easycall.pl
Outbound Proxy:	
Status:	Registered

After logging in the SIP Phone, Click the [SIP Settings -> Service Domain] to input your SIP account.
Realm 1 (Default)
Active : On
Display Name: 288925
Line Number : 288925
Register Name: 288925
Register Password: xxxxxx
Domain Server: fwd.pulver.com
Proxy Server: fwd.pulver.com
Realm 2
Active : On
Display Name: 655768
Line Number : 655768
Register Name: 655768
Register Password: xxxxxx
Domain Server: sip.easycall.pl
Proxy Server: sip.easycall.pl

Realm 3

Active:	⊙ On ○ Off
Display Name:	300
Line Number:	300
Register Name:	300
Register Password:	●●●
Domain Server:	210.66.155.70
Proxy Server:	210.66.155.70
Outbound Proxy:	
Status:	Registered

Submit   Reset

Realm 3
Active : On
Display Name: 300
Line Number : 300
Register Name: 300
Register Password: 123
Domain Server: 210.66.155.70
Proxy Server: 210.66.155.70

2

After confirming the modification you've done, Please click on the Submit button to apply settings.

This page inform user important information.

Configure OK.
You have to **save** and **reboot** the VoIP to effect those changes.

SIP Phone Configuration Menu

- Phone Book
- Phone Settings
- Network
- SIP Settings
- NAT Trans.
- Advanced settings
- System Auth.
- Save & Reboot
- System Settings
- Reboot without saving

This page inform user important information.

Configure OK.

System will reboot automatically to effect those changes and please wait for a moment while rebooting....

3

Browser to Save & Reboot menu to reboot the machine to make the settings effective.

Realm 1 (Default)	
Active:	⊙ On ○ Off
Display Name:	288925
Line Number:	288925
Register Name:	288925
Register Password:	•••
Domain Server:	fwd.pulver.com
Proxy Server:	fwd.pulver.com
Outbound Proxy:	
Status:	Registered

4

You can see the Register Status in the Status item. If the item shows "Registered", then your Phone Adapter is registered to the ISP, you can make a phone call direcly.

Note:
When Registered success, you can try dial **613**, connect to **FWD ECHO TEST**, to test the SIP communication.

Step 1. Pickup up the handset.
Step 2. Press the keypad, input **613**
Step 3. You can hear around three times back tone.
Step 4. Then you'll hear the echo test voice.

Switch the realm (Registration Proxy Server):

The SIP Phone can register to three different SIP Proxies at the same time. It can receive any one of different SIP accounts incoming call, and it can switch to any one SIP accounts for making calls through input the switch code.

Realm switch code:

1 * : Realm 1 ---- FWD
2 * : Realm 2 ---- EasyCall
3 * : Realm 3 ---- Planet PBX

For example:

1.From FWD switch realm to EasyCall

The default is Realm 1, Input the 2* (Follow by the * key) from keypad and hang up the handset. It will switch to Realm 2, and it can make the SIP calls via realm 2.

Step 1. Pick up the handset
Step 2. Press the keypad, input the **2***
Step 3. Hang up the handset (It will switch to EasyCall)
Step 4. Pick up the handset
Step 5. Press the keypad, and dial **00 + number of country**

For example:

2. From EasyCall switch realm to PLANET IPX-2000

Just now have Realm at EasyCall account, Input the 3∗ from keypad and hang up the handset. It will switch to PLANET PBX, and it can make a sip calls via PLANET PBX.

Step 1. Pick up the handset
Step 2. Press the keypad, input the **3∗**
Step 3. Hang up the handset (It will switch to PLANET IPX-2000)
Step 4. Pick up the handset
Step 5. Press the keypad, input the **6666** (Voice Mail)

Note:
The mentioned parameters and network settings in this sample should be carefully modified to meet the real-world applications.