

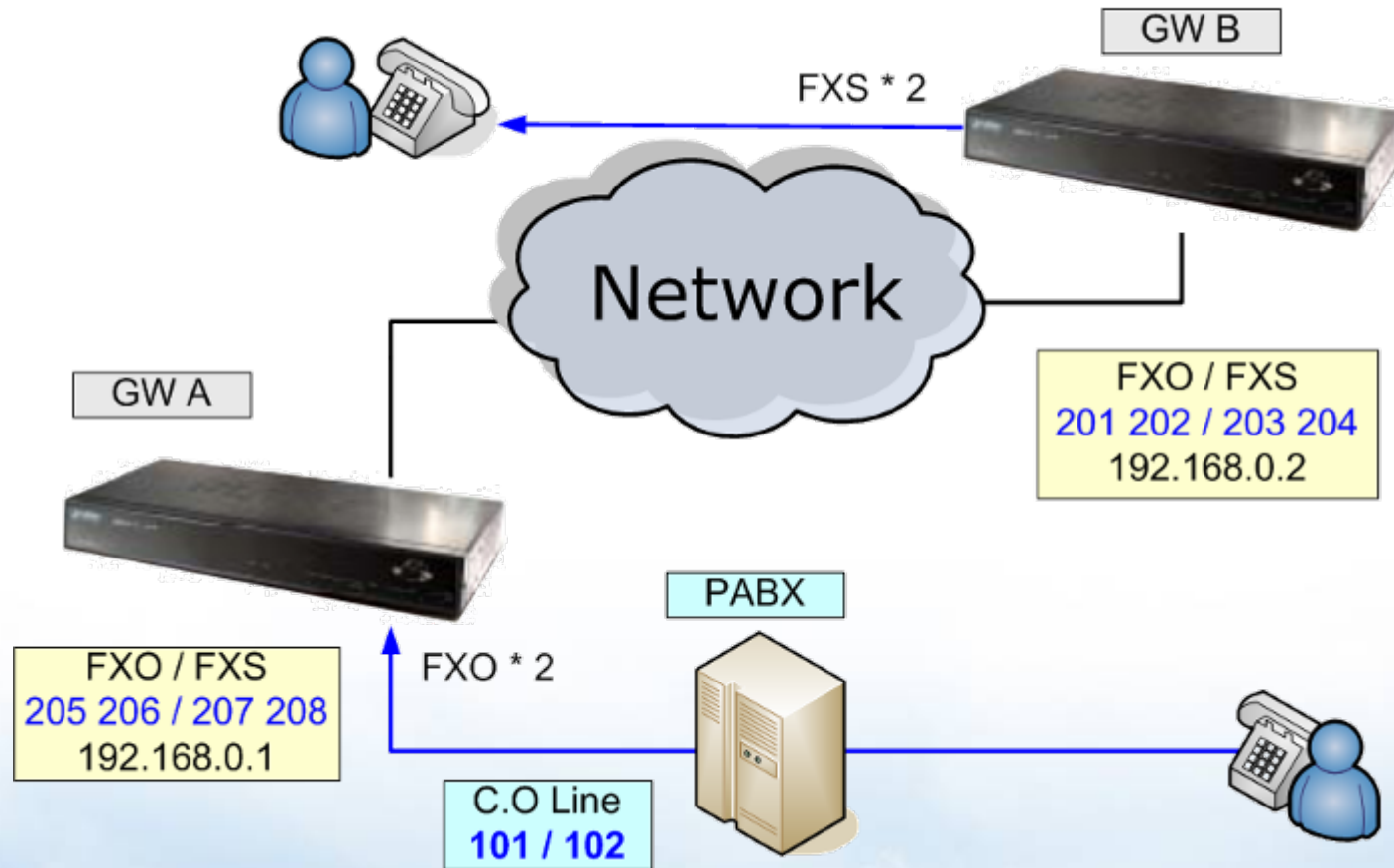
# Internet Telephony Gateway

**VIP – 400 / 000 Series  
Peer-to-Peer Configuration**



## VoIP Gateway P2P Configuration

We're using two VIP-400 with peer-to-peer to perform the calling party. Please refer to the following descriptions and insert proper parameter into the VIP-400 for establish the voice communications.



- Dial Plan Settings
- View System Configuration
- Configure System Setting
  - ▶ IP Settings
  - ▶ H.323 Parameters
  - ▶ Channel Parameters
  - ▶ Voice Coder Type
  - ▶ ...

Select the [ **Configure System Setting > IP Settings** ] of **VIP-400** to IP address for the gateway.

1

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- IP Address:
- Subnet Mask:
- Default IP Gateway Address:

(If a Default IP Gateway is not desired, please ...)

**GW\_B**

IP Address Settings Are:

- IP Address: 192.168.0.02
- Subnet Mask: 255.255.255.0
- Default Gateway IP Address: 192.168.0.254

**Cautions:**  
You will have to reboot the ITG system before the changes become active.  
Invalid settings may cause the system malfunctioned, please make sure your changes before

**REBOOT!**

fill in a ip address into field each.  
IP Address : **192.168.0.2**  
Subnet Mask : **255.255.255.0**  
Default IP gateway Address :  
**192.168.0.254**

Remember click **Save The Changes** button after modify the parameters, it will be display red warning messages. then please click **REBOOT** given into effect to the IP address.

Main Menu  
Dial Plan Settings  
Dial Settings

Add ▾  
Remote\_Destination\_IP  
Select

Select the [ **Dial Plan Settings > Remote\_Destination\_IP** ] of **Gateway** to add remote host name for the gateway.

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or

Destination ID:  **GW\_B**

IP Address:

Host Name:

Port:  **4**

*Note: if both IP Address and Host Name are defined, only IP Address will be recognized.*

Company/Location:

Add the remote Destination IP of **VIP-400**  
Destination ID : **9**  
IP Address : **192.168.0.1**  
Port: **5060**

Destination ID	Mode	Destination	Company/Location
1	Local	PORT = 0	
2	Local	PORT = 1	
3	Local	PORT = 2	
4	Local	PORT = 3	
9	H.323	Dest = 192.168.0.1/1720 TCP	

Select the [ **Dial Plan Settings > HuntGroup** ] of **Gateway** to add hunt group for remote host.

Dial Plan Settings  
 ▸ Dial Settings  
 Add ▾  
 HuntGroup ▾  
 Select

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Hunt Group ID:  **GW\_B**  
 Destination ID 0:   
 More Destinations for The Same Hunt Group  
 Complete Clear All Changes

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Add the hunt group of **VIP-450**  
 Hunt Group ID : **9**  
 Destination ID 0: **9**

Hunt Group ID	Hunt Type	# of Dest ID(s)	Dest. ID(s)
1	2	1	1
2	2	1	2
3	2	1	3
4	2	1	4
9	2	1	9

Dial Plan Settings  
 ▸ Dial Settings  
 Add ▾  
 Telephone ▾  
 Select

Select the [ **Dial Plan Settings > Telephone** ] of **Gateway** to add telephone number for the gateway.

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Telephone Number 0:  
 Hunt Group ID:  
 Min. Digits:  
 Max. Digits:  
 Strip Length:  
 Append Prefix:

205  
 9  
 1  
 3  
 0  
 None

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Add the Telephone Number of **VIP-400**  
 Telephone Number (:):**10**  
 Hunt Group ID : **9**  
 Min. Digits: **1**  
 Max. Digits: **3**  
 Strip Length: **0**  
 Append Prefix: **None**.

More Entries for The Same Hunt Group

GW\_B

Complete

Clear All Changes

Phone #	Hunt Group ID	Min. Digits	Max. Digits	Strip	Prefix
201	1	1	3	3	None
202	2	1	3	3	None
203	3	1	3	3	None
204	4	1	3	3	None
205	9	1	3	0	None
206	9	1	3	0	None
207	9	1	3	0	None
208	9	1	3	0	None

```
Telnet
Login: administrator
Password:
***** Internet Telephony Gateway (PLA) on Telnet *****
ITG>set port 2 dial_in plar 205
OK
ITG>set port 3 dial_in plar 206
OK
ITG>config activate
OK
ITG>config store
OK
ITG>
```

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In telnet or console mode setting the Port 3 / 4 (FXS) auto dialing number

ITG> set port 2 dial\_in plar 205

ITG> set port 3 dial\_in plar 206

ITG> config activate

ITG> config store

Note:

**activate** (Enable the modification)

**store** (Save the modification)

GW\_B

**NOTE:**

Please repeat previous the same configuration step of Machine IP, Destination IP, Hunt group and Telephone number on **GW\_A** as follows indicated of settings.

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List All Phone Numbers Result:

Phone #	Hunt Group ID	Min. Digits	Max. Digits	Strip	Prefix
205	1	1	3	3	None
206	2	1	3	3	None
207	3	1	3	3	None
208	4	1	3	3	None
201	9	1	3	0	None
202	9	1	3	0	None
203	9	1	3	0	None
204	9	1	3	0	None

List All Destination IDs Result: **11**

Destination ID	Mode	Destination	Company/Location
1	Local	PORT = 0	GW_A
2	Local	PORT = 1	
3	Local	PORT = 2	
4	Local	PORT = 3	
9	H.323	Dest = 192.168.0.2/1720 TCP	

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List All Hunt Group IDs Result:

Hunt Group ID	Hunt Type	# of Dest ID(s)	Dest. ID(s)
1	2	1	1
2	2	1	2
3	2	1	3
4	2	1	4
9	2	1	9



```
C:\ Telnet
Login: administrator
Password:
***** Internet Telephony Gateway (PLA) on Telnet *****
ITG>set port 0 fxo answer_after 0
OK
ITG>set port 1 fxo answer_after 0
OK
ITG>set port 0 dial_in plar 203
OK
ITG>set port 0 dial_in plar 204
OK
ITG>config activate
OK
ITG>config store
OK
ITG>
```

In telnet or console mode setting the Port 1 / 2 (FXO) auto answer and dialing number

ITG> **set port 0 fxo answer\_after 0**

ITG> **set port 1 fxo answer\_after 0**

ITG> **set port 0 dial\_in plar 203**

ITG> **set port 1 dial\_in plar 204**

ITG> **config activate**

ITG> **config store**

Note:

**activate** (Enable the modification)

**store** (Save the modification)

GW\_A

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## For example :

- **Make a phone call from PABX to gateway (GW\_B).**
  - A. Please pick up the telephone handset and input number **101** from PABX when listen a dial-tone.
  - B. You will be listen to ring-tone from remote gateway and that analog telephone should be ringing at this time
  - C. Pick up the telephone handset to establish the voice communication begin.
  
- **Make a phone call from gateway (GW\_B) to PABX.**
  - A. Please pick up the telephone handset and you will be listen to a ring-tone from gateway (GW\_A).
  - B. You will be to get a dial-tone from the PABX, and you can input a extension number with you want.

## NOTE:

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

# ACTIVATING IP POWER

