

# H.323 / SIP Internet Telephony Gateway

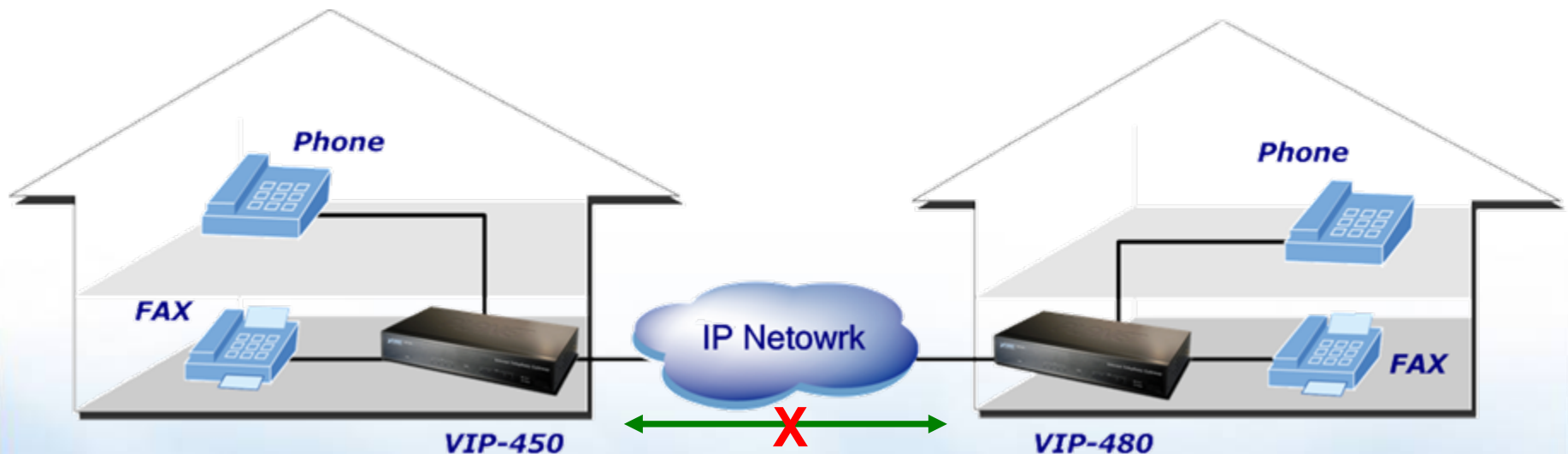
**VIP-2/4/8/16/24 port Series  
FAX Compatibility Configuration**



- **For SIP / H.323 Gateway 2 / 4 / 8 / 16 / 24 port FAX interoperability with VIP-x50 Series**

- Scenario Description:

When VIP-480 series fax to VIP-450 series or reversely by way of Peer-To-Peer method, the fax process was failed.



- **Solution: Please follow below 3 processes**
  - The VIP-480 need to adjusted the “**FAX Mode**” option to “**G.711 Pass Through**”

Advance Setting

Advance Setting Select VoIP Advance Select

DTMF Relay for SIP	<input type="radio"/> Inband <input checked="" type="radio"/> RFC2833 <input type="radio"/> SIP Info
RFC2833 Payload	<input type="text" value="101"/> (from 96 to 127)
FAX Mode	<input type="radio"/> T.30 <input type="radio"/> T.38 <input checked="" type="radio"/> G.711 Pass Through T38UDP Low Speed Redundancy Level <input type="text" value="5"/> <span>▼</span> T38UDP High Speed Redundancy Level <input type="text" value="0"/> <span>▼</span>
Watchdog	<input type="radio"/> Disable <input checked="" type="radio"/> Enable
VoIP Encryption	<input checked="" type="radio"/> Disable <input type="radio"/> Enable
VoIP Encryption Port	<input type="text" value="8888"/>
SIP Proxy Route	<input checked="" type="radio"/> Disable <input type="radio"/> Enable
MWI	<input checked="" type="radio"/> Disable <input type="radio"/> Enable

- And change the “**Voice Codec**” from “**G.723**” to “**G.711**” also saved modification and reboot the machine.

**Advance Setting**

Advance Setting Select Telephone Advance

Silence Compression Voice Activity Detection	<input checked="" type="radio"/> VAD Enable <input type="radio"/> VAD Disable
Voice Codec	<input type="radio"/> G.723.1(6.3k) <input type="radio"/> G.729AB <input checked="" type="radio"/> G.711 $\mu$ _law <input type="radio"/> G.711 a_law
Dial Complete Tone	<input checked="" type="radio"/> Enable <input type="radio"/> Disable
Dial Termination Key	<input checked="" type="radio"/> # <input type="radio"/> *
FXO AC Impedance	<input checked="" type="radio"/> 600 <input type="radio"/> 900 <input type="radio"/> UK <input type="radio"/> Global Complex/China <input type="radio"/> France/Spain/Finland/Netherlands <input type="radio"/> Germany/Australia <input type="radio"/> India/New Zealand <input type="radio"/> South Africa

- In parts of the VIP-450 / 050, please using either Telnet or Console port (RS232) to inputted the following parameter.

**ITG> set port X voice\_prof 6**

**ITG> set port X fax\_prof 4**

**ITG> set coding 4 usage fax off**

**ITG> set coding 5 usage fax off**

**ITG> config activate**

**ITG> config store**

**NOTE:**

The symbol **X** is port ID respectively, the ID 0 is port 1, ID 1 is port 2 ... so on and so forth.

```
ITG>set port 3 voice_prof 6
OK
ITG>set port 3 fax_prof 4
OK
ITG>set coding 4 usage fax off
OK
ITG>set coding 5 usage fax off
OK
ITG>config activate
OK
ITG>config store
OK
ITG>
```

# ACTIVATING IP POWER

