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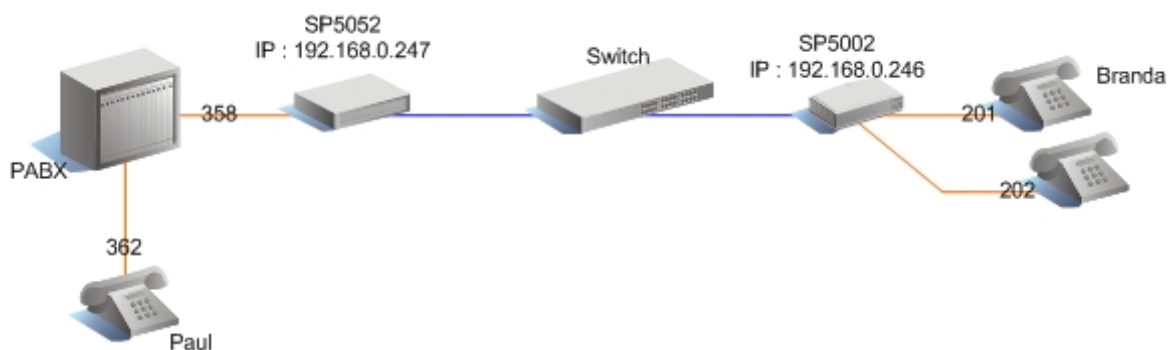
Application Note

## Basic Connection (P2P mode)

For SP5050/5052/5054, SP5002/5004

# 1. DESCRIPTION

- FXS gateway (SP5002) connects to telephone handsets
- FXO gateway (SP5052) connects to PABX extension lines



## 1.1 H.323 Protocol

Paul makes a call to extension 358, and dials 201#. After FXO gateway picks up the call and greeting voice activated, Branda's phone starts ringing.

Branda dials 50#, and the call connects to PABX through FXO gateway directly. She'll hear the dialing tone and dials 362 to Paul.

## 1.2 SIP Protocol

Branda dials 51#, and the call connects to PABX through FXO gateway Line1 directly. She'll hear the dialing tone and dials 362 to Paul.

Branda dials 52#, and the call connects to PABX through FXO gateway Line2 directly. She hear the dialing tone now and dials 362 to Paul.

## 2. Configuration

### 2.1 H.323 Protocol

**SP5002** (Application Rom: v.205)

```
usr/config$ ifaddr -ip 192.168.0.246 -mask 255.255.255.0 -gate 192.168.0.1
usr/config$ h323 -mode 1 (Peer-to-Peer)
usr/config$ h323 -line1 201 -line2 202
usr/config$ pbook -add name SP5052 ip 192.168.0.247 e164 50
usr/config$ commit
usr/config$ reboot
```

**SP5052** (Application Rom: v.117b\*)

```
usr/config$ ifaddr -ip 192.168.0.247 -mask 255.255.255.0 -gate 192.168.0.1
usr/config$ h323 -mode 1 (Peer-to-Peer)
usr/config$ pbook -add name SP5002_1 ip 192.168.0.246 e164 201
usr/config$ pbook -add name SP5002_2 ip 192.168.0.246 e164 202
usr/config$ commit
usr/config$ reboot
```

\* In v.117b and earlier version, line number of FXO port cannot be specified. When an IP call comes to FXO gateway, the 1<sup>st</sup> line is always caught. If the first line is busy, the second line takes it.

### 2.2 SIP Protocol

**SP5002** (Application Rom: v.109)

```
usr/config$ ifaddr -ip 192.168.0.246 -mask 255.255.255.0 -gate 192.168.0.1
usr/config$ sip -mode 0 (Peer-to-Peer)
usr/config$ sip -line1 201 -line2 202
usr/config$ pbook -add name SP5052 ip 192.168.0.247 e164 51
usr/config$ pbook -add name SP5052 ip 192.168.0.247 e164 52
usr/config$ commit
```

```
usr/config$ reboot
```

**SP5052** (Application Rom: v.104)

```
usr/config$ ifaddr -ip 192.168.0.247 -mask 255.255.255.0 -gate 192.168.0.1
```

```
usr/config$ sip -mode 0 (Peer-to-Peer)
```

```
usr/config$ sip -line1 51 -line2 52
```

```
usr/config$ pbook -add name SP5002_1 ip 192.168.0.246 e164 201
```

```
usr/config$ pbook -add name SP5002_2 ip 192.168.0.246 e164 202
```

```
usr/config$ commit
```

```
usr/config$ reboot
```

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