Contents

1. Introduction ........................................................................................................................................... 3

2. Register with MyPBX Manually ........................................................................................................ 4

3. Provisioning for MyPBX ....................................................................................................................... 7
   3.1 Phone Provisioning via PnP Mode ................................................................................................. 8
   3.2 Phone provisioning via DHCP Mode .......................................................................................... 11
1. Introduction

This guide shows you how to manually configure Snom IP phones with MyPBX and how to provision the Snom IP phones with MyPBX. It has been tested with the latest firmware version supported by MyPBX firmware version X.19.0.47.

Applicable Models:

- 370
- 360
- 320
- 300
- 710
- 715
- 720
- 760
- 820
- 821
- 870

Please note that different firmware revisions may have different web interface formats and functionality.
2. Register with MyPBX Manually

1. Start up the phone and identify its IP Address by pressing the "Help" or "7" button. For this example we will assume the IP Address of the phone is 192.168.5.126, and IP Address of the MyPBX Phone System machine is 192.168.5.250.

2. Point your browser to the web interface of the phone: http://192.168.5.126.

3. We now need to set the phone to register with MyPBX Phone System. Go to the "Setup -> Identity 1" page, and in the "Login" tab:

   ![Image of Snom IP Phone Configuration Guides]

   - Set the "Identity Active" field to "on"
   - Set the "Display name" field to the name you want to appear on the Phone display
   - Set the "Account" field to the extension number you want to associate with this phone
   - Set the "Password" field to the extension's Authentication Password
   - Set the "Register" field to the IP Address of the MyPBX Phone System – in this example, 192.168.5.250:5060.
   - Set the "Authentication Name" field to the extension's Authentication ID
   - Set the "Mailbox" field to your system's Special Voice Mail Extension Number.

4. Next, we need to adjust the audio parameters. Click on the "RTP" tab and set the "RTP Encryption" field to "off" if you disable the SRTP in extension settings.
5. Click the "Save" button, and then click the "Reboot" button that appears at the top of the page. Your phone will restart. After rebooting, the phone will retrieve its configuration files and register with MyPBX Phone System. This can be verified via the "Extension Status" page of MyPBX Management Console.
6. For some issues about function of intercom, please refer to the following setting on Snom web interface
3. Provisioning for MyPBX

The easiest way to set up a Snom phone for use with MyPBX is to use the built-in plug and play provisioning functionality inside MyPBX. This will allow the phone to configure itself by retrieving a generated phone configuration file. Alternatively you can configure using DHCP and option. For more information, see this configuration guide.

1. **Verify Firmware Installed on your Phone**
   Verify the firmware version currently installed on the phone as older firmware will not have the plug and play feature. You can power up the phone and press “Menu > Status > Firmware” to check. Go to Snom Support Website to download the latest firmware for your phone.

2. **Plug phone into the network**
   Plug your Snom phone into your LAN. (The Phone must be on the same LAN as that of MyPBX IP PBX).

3. **Approve phone and Assign an Extension**
   To do provisioning with Snom IP phones, you can choose PnP mode or DHCP mode. When you phone provisioning via PnP mode, there is no need to set MyPBX working as the only DHCP server any more.
3.1 Phone Provisioning via PnP Mode

**Step1.** Log in Snom IP phone web user interface, go to “Setup->Advanced->Update” to enable PnP feature on your phone.

**Step2.** Check MAC address of your Snom IP Phone on “Status->System Information” page.

**Step3.** Reboot Snom IP phone.
Step4. Search MAC address you would like configure in “Phone Provisioning->Not Configured Phone” page

Fill in the phone detail message on the pop-up windows. Input Name, Call waiting, Line, Extension, Label, Line active and so on for the phone.
**Step 5.** Save the settings and reboot the IP phone. After you save the changes, system will prompt you to save the changes and reboot to save changes without rebooting. Click OK to reboot the IP phone and provisioning the phone.

Then IP phone will reboot twice to apply the configurations take effect, when done, you can find the account 506 is registered in MyPBX’s line status page and Snom IP phone’s status page.
3.2 Phone provisioning via DHCP Mode

**Step1.** Disable DHCP Server on your local network.
E.g. Disable DHCP Server on Linksys Router.
Step 2. Enable DHCP Server on MyPBX to make MyPBX as the DHCP server in the local network.
Log in MyPBX web interface, go to “System -> Network Preferences -> DHCP Server”, enable DHCP server.

![DHCP Server configuration](image)

Step 3. Set your Yealink phone as one DHCP client. Go to “Network -> Advanced” to enable DHCP.

![Advanced Settings](image)

Step 4. Go to MyPBX “PBX -> Extensions -> Phone Provisioning”, select your Snom phone from “Not configured Phone”.

![PBX settings](image)
Step 5. Assign extensions to the phone, and you can also configure the Memory keys and Line keys.

Step 6. Save the settings and reboot the IP phone. After you save the changes, system will prompt you to save the changes and reboot to save changes without rebooting. Click OK to reboot the IP phone and provisioning the phone.
Are you sure to reboot the phone now? Click 'OK' to save the changes and reboot; click 'Cancel' to save the changes without rebooting.

(END)