How to configure Snom PA1 for 3CX

Snom PA1

This guide applies to v15.5 only.

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Supported Models: snom PA1 series

- snom PA1

Step 1: Upgrade to the Required firmware

Ensure that the phone is running on the required firmware by 3CX. In case the device needs manual updating download the latest distributed required firmware by 3CX here. Read how to check what firmware the phones are running on and how to upgrade them in this guide: How to manual upgrade snom IP phones.

Step 2: Factory Reset the IP Phone

Before provisioning the IP phone, the phone must be brought back to factory defaults in case the device has residual settings of a previous configuration. To reset the device read our How to Factory Reset snom PA1 Series document.

Step 3: Provision the phone

There are several methods to provision a phone:

- Plug & Play - For phones on the local LAN or behind the 3CX SBC.
- Manual Provisioning - For phones on remote networks that will connect directly to 3CX and use STUN.
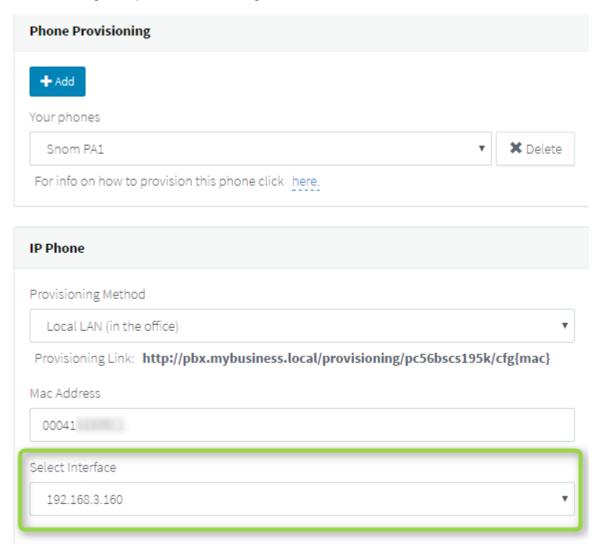
For more information, see **"When can I use which provisioning method?"**

Local LAN or SBC: Provision via Plug'n'Play

1. Connect the phone to the network. A PnP request will be sent automatically to 3CX.
2. Go to the 3CX Management Console ⇒ **"Phones"** page. The new phone will be marked in **Bold**.

Phones

| + Add Phone | ⚑ Add Ext | ⚑ Assign Ext | ✗ Reject | + Firmware | ⟳ Reboot | ➔ Reprovision | ▣ Phone UI | ✏ Password | + Config |

Search ...

EXT	Vendor	Model	Fw. Version	Name	User ID	Password	Phone pwd	PIN	IP	MAC	
New	snom	snomPA1	8.7.5.35	New	New	New	New	New	192.168.9.196	00041	✗

3. Click on the **BOLD** entry and choose between **"Assign Ext"** or **"Add Ext"**, depending on whether you want to assign the phone to an existing extension or create a new one.

Phone Provisioning

+ Add

Your phones

Snom PA1 ▼　　　　**✗ Delete**

For info on how to provision this phone click   here.

IP Phone

Provisioning Method

Local LAN (in the office) ▼

Provisioning Link: **http://pbx.mybusiness.local/provisioning/pc56bscs195k/cfg{mac}**

Mac Address

00041

Select Interface

192.168.3.160 ▼

4. All major provisioning settings are pre-populated. If your PBX has multiple network cards, select to which network this IP phone is connected.

5. Click **"OK"**. The phone will configure automatically and will reboot to finalize the setup.

Remote phones: Provision with the Manual Provisioning Link

Due to the lack of a user input/screen, the device can not be configured via RPS. In this case use the Manual Link Provisioning method outlined here.

Step 4: Extended Phone Configuration

IP phones can be tweaked to match the user's needs. Those might be skipped if they are not desired and the phone will be rolled out in a default configuration. Also they can be altered at a later stage and changes applied via the Management Console → Phones → Select Device → Re-Provision :

- IP Phone Vlan management, configurable per device of extension

Known Limitations

- Currently no known limitations.