

# Patton SN411x Gateway via 3CX SBC

This guide will help you setup a Patton 411x series gateway with a 3CX Hosted server in the cloud via the 3CX SBC.

We will not be covering 3CX phone system setup on a hosted platform or on the 3CX SBC itself. If you require this particular step beforehand please refer to the links below:

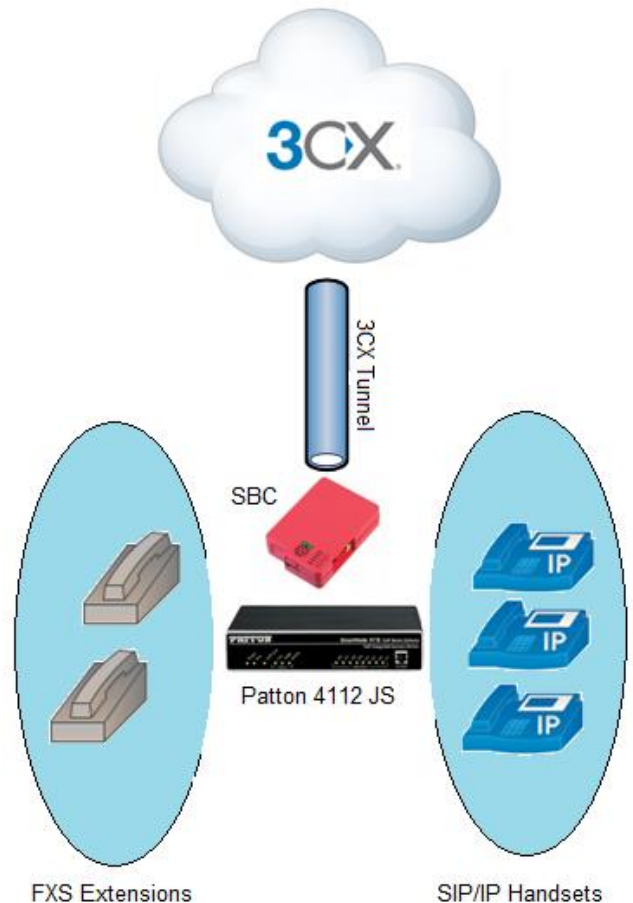
<https://www.3cx.com/partners/hosted-pbx-providers/>

Setting up remote extensions and provisioning with 3CX: <https://www.3cx.com/docs/provisioning-remote-extension/>

Setting up the 3CX SBC for Raspberry Pi, Linux and Windows: <https://www.3cx.com/docs/3cx-tunnel-session-border-controller/>

**NOTE:** We would recommend using remote STUN for single remote phones only. If you would like to use more than a single endpoint please look at installing an SBC.

To set this up we would first setup the gateway and phones as we would a standard gateway in the local LAN and then make alterations to support the SBC.



First create the extensions you require for your FXS end-points in 3CX. These will be required for the creation of the gateway itself in the FXS/DECT section within the PBX. This is a standard-local configuration of which you can use this 3CX online guide for assistance: <https://www.3cx.com/voip-gateways/patton-smartnode-sn4112-fxs/>

Once done log into the Patton device and make the following changes manually or take a copy of the configuration file (that you can download from 3CX) and alter the settings in the file itself. You can import the configuration back into the Patton.

Change the following settings by logging into the Patton interface (four settings in total):



**Telephony / Call-Router / Interfaces/SIP Interface IF\_SIP:**

Change the Remote User Agent Host Name / Port and Local User Agent Host Name / Port to the Address for the SBC.

Remote User Agent Host Name / Port	<input checked="" type="checkbox"/>	172.16.0.2	5060
Local User Agent Host Name / Port	<input checked="" type="checkbox"/>	172.16.0.2	5060

**Telephony / SIP / Location Service/ LS\_ALL\_LINES:**

Change the Domain to the SBC address.

Domain			
Position	Name	Port	
 1	172.16.0.2	5060	

**Telephony / SIP / Location Service/ LS\_ALL\_LINES/Identity group/default:**

Change the Registration outbound - Registrar.

Registration Outbound	
Registrar	<input type="text" value="172.16.0.2"/> Host

Once complete you should see in the 3CX PBX interface that the phones now register and the Extensions go green. You should now be able to make calls from your FXS endpoints.

**NOTE:** We do not recommend or support 3CX hosted systems and Patton gateways for FAX machines. If your client wished to use FAX with their 3CX system please advise that they will need to go for an on-premise PBX system



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