

Configuring a Net2 Entry panel as a SIP client

Description

A Net2 Entry panel can be registered as a SIP client on a SIP network. This allows a panel to call other SIP clients which can be used as Net2 entry monitors and receive the sound/video feed from the calling Net2 entry panel.

Clients can include Grandstream IP phones and most devices running Apple and Android software.

See Paxton.info/720 for SIP requirements

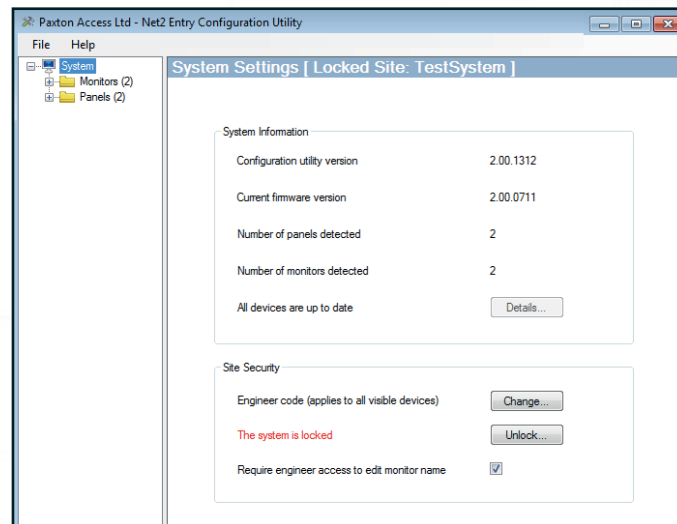


SIP server

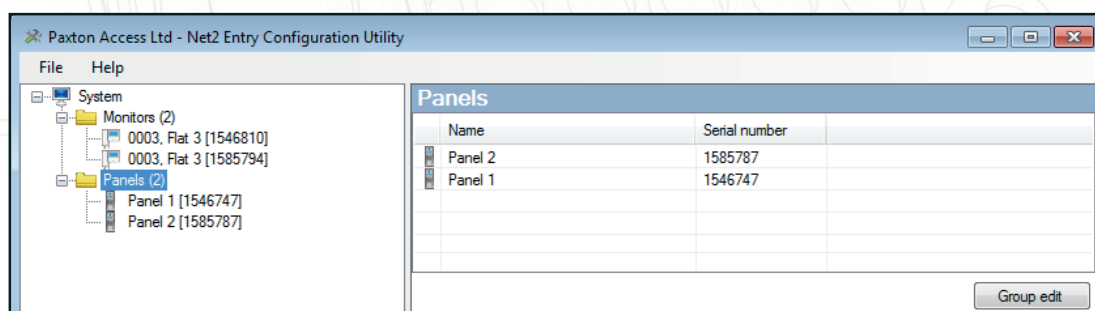
SIP clients can operate alongside standard Net2 Entry monitors by registering the client on a SIP server.

The Net2 Entry Configuration Utility is used to setup the system as follows.

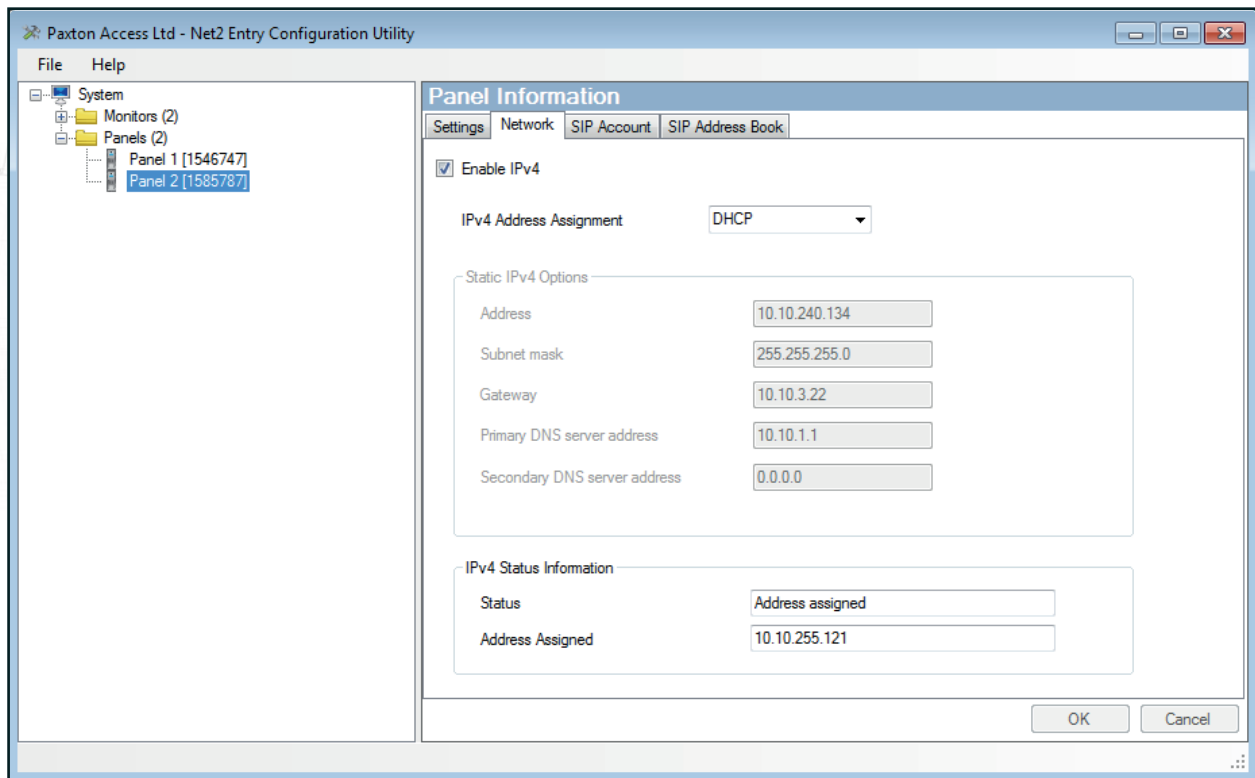
Settings



Log into the Net2 Entry Configuration Utility and select the required Panel entry.



Network



The SIP server uses IPv4 addressing for communication and so we need to obtain an IPv4 address for the panel.

Tick Enable IPv4.

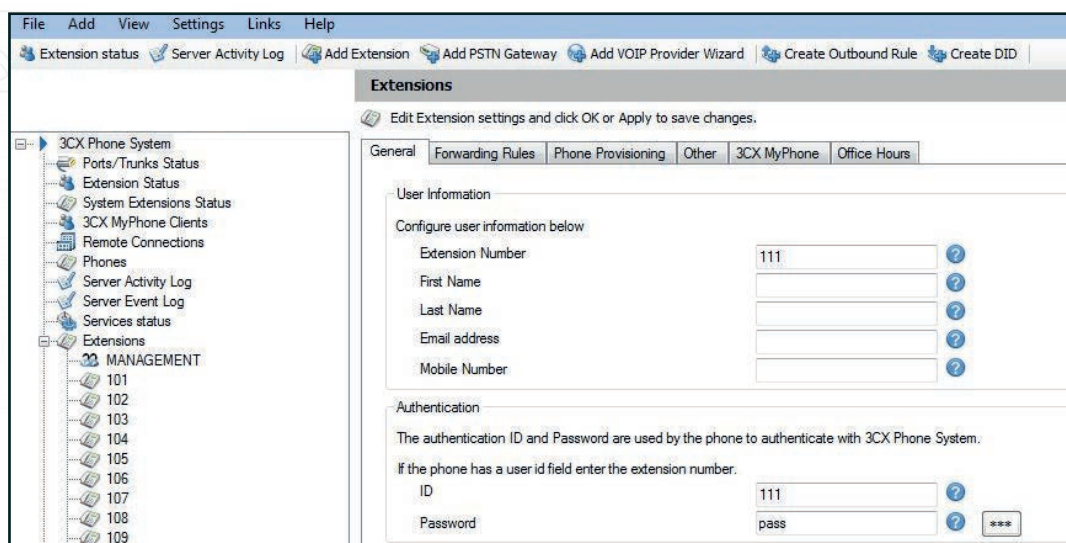
Select DHCP or Static.

Click OK.

SIP Account

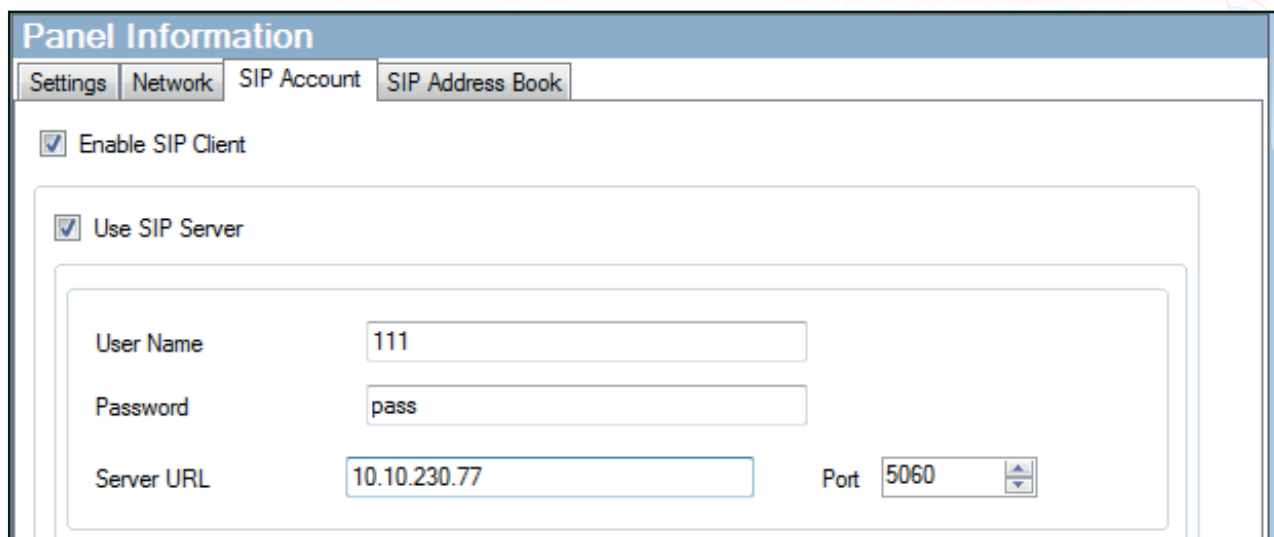
The panel must be registered in the SIP database as an Extension.

The following example shows a typical SIP server entry screen.



Create an Extension record for the panel. Set up an Extension number and add a Description as required in Name field. These can be any unused values.

Set up the Authentication section. Set the ID number to be the same as the Extension number and the create a password.



Create a matching entry for the Panel in the Net2 Entry Configuration - SIP Account tab. Select 'Enable SIP Client' and 'Use SIP Server'.

Set the User Name to be the Extension Number.

Set the Password to be the same as the Authentication Password .

Set the Server URL to be the URL of the SIP server PC.

Click OK.

Status	Extension	User Status	Queues	Name
Registered (idle)	101	Available	OUT	Default
Registered (idle)	102	Available	OUT	Panel 1
Registered (idle)	103	Available	OUT	Panel 2
Registered (idle)	104	Available	OUT	iPhone
Registered (idle)	105	Available	OUT	iPad
Registered (idle)	106	Available	OUT	Android Phone
Not Registered	107	Available	OUT	Android Tablet
Registered (idle)	108	Available	OUT	iPhone - Linphone
Not Registered	109	Available	OUT	iPad - Linphone
Not Registered	110	Available	OUT	Android - Linphone
Not Registered	200	Available	OUT	Gabriel Android

You should now create Extension entries for each of the SIP clients (panels and phones) to be included in the Net2 Entry system.

SIP Address Book

ID	Name	URL
104	iPhone	104
105	iPad	105
106	Android Phone	106
107	Android Tablet	107
108	iPhone Linphone	108
109	iPad Linphone	109
110	Android Linphon	110
200	Gabriel Android	200
▶*		

The two systems require a table to match each SIP client entry to a Net2 Entry monitor ID.

Enter the Net2 Entry ID number and a suitable name to be displayed on the panel.

Enter the URL as the SIP Extension number or a Direct IP address of the client to be called.

Smart Phone Requirements

See Paxton.info/720 for SIP requirements



Net2 Entry will respond to the '1' key on the phone and unlock the door when commanded.