OpenScape Business V3

How to Configure SIP Trunk for: -
AAPT SIP Connect

Australia

About this document

This configuration guide describes an example of how to set up the SIP trunk AAPT SIP Connect as an ITSP connection to the OpenScape Business.

Note: The basis for this document is the current OpenScape Business *V3 R2*. Since OpenScape Business is constantly developed, input masks and interfaces as well as requirements may change in the future. The settings and entries described here then apply accordingly.

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Date	Version	Changes
2022-01-13	1.0	released version for OpenScape Business V3R2

Information

The AAPT SIP Connect SIP-Trunk will be released for the first time with OpenScape Business V3R2.

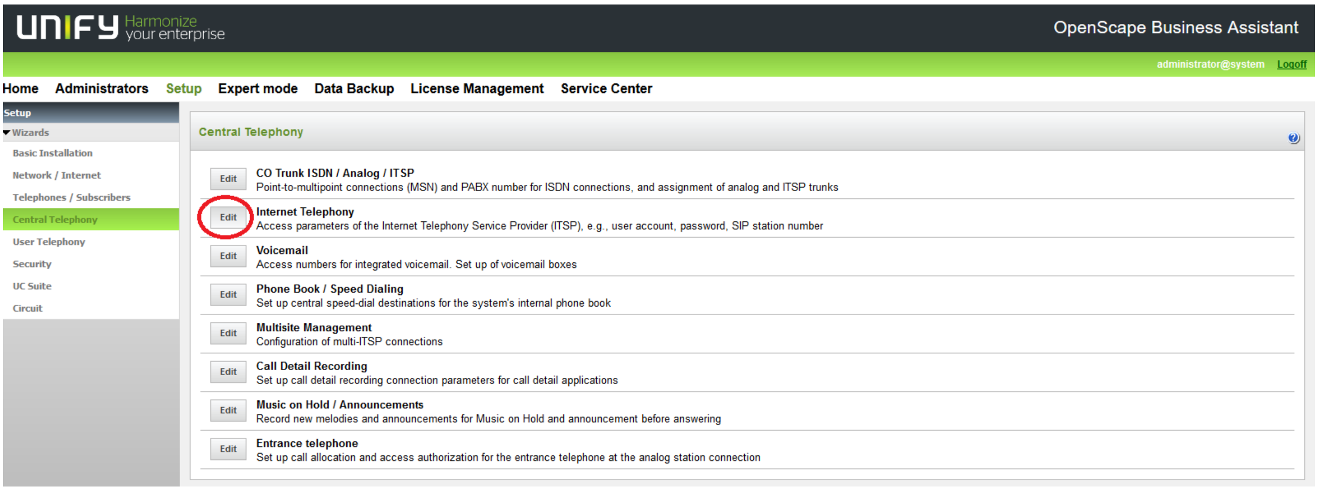
Trunk Configuration Data provided by AAPT SIP Connect

Via email

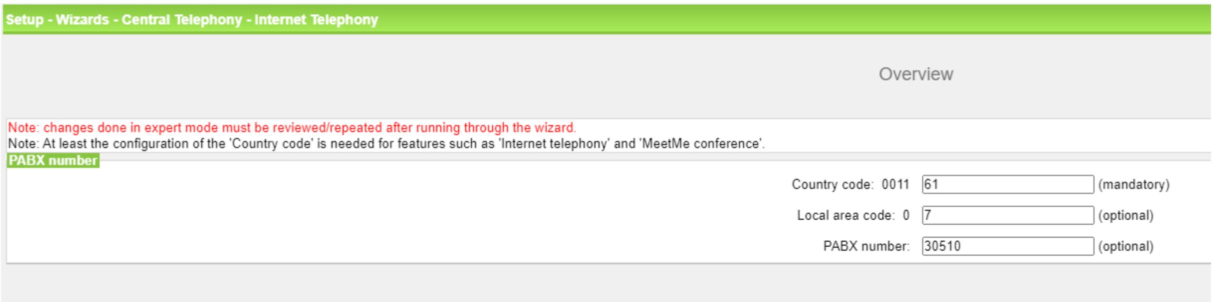
Configuration Wizard

Internet Telephony

Go to Central Telephony – “Internet Telephony“

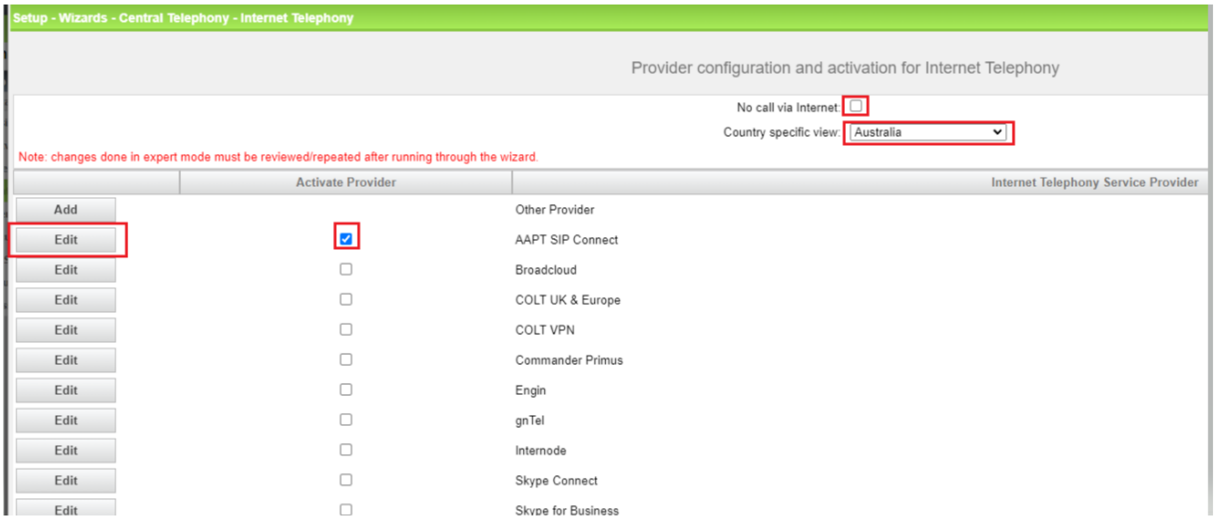


The overview page appears for entering the location data. The Country Code, Area code and PABX number is entered (minus the DID which is entered in the station data).



Click [OK & Next].

Provider configuration and activation for Internet Telephony -> No call via Internet -> uncheck
Use County specific view: Australia and select AAPT SIP Connect.



Activate Provider and click on [Edit].

On the next page enter the following information:

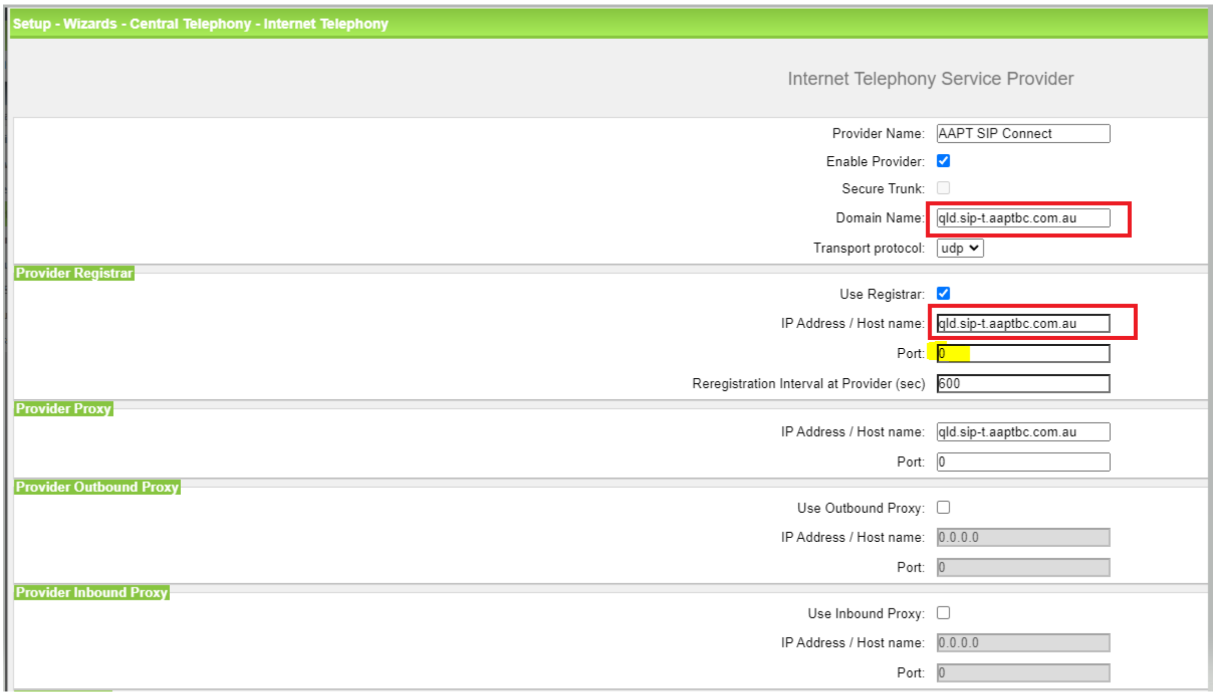
- **Domain Name**

The **SIP Domain Name** and **Registrar Host name** can be found on the paperwork/email provided by AAPT SIP Connect. The SIP Domain Name and Registrar host name are valid for the State that the system resides. Choose the appropriate one from the list below or take the one directly from the paperwork: –

- vic.sip-t.aaptbc.com.au
- nsw.sip-t.aaptbc.com.au
- qld.sip-t.aaptbc.com.au
- tas.sip-t.aaptbc.com.au
- sa.sip-t.aaptbc.com.au
- nt.sip-t.aaptbc.com.au
- wa.sip-t.aaptbc.com.au

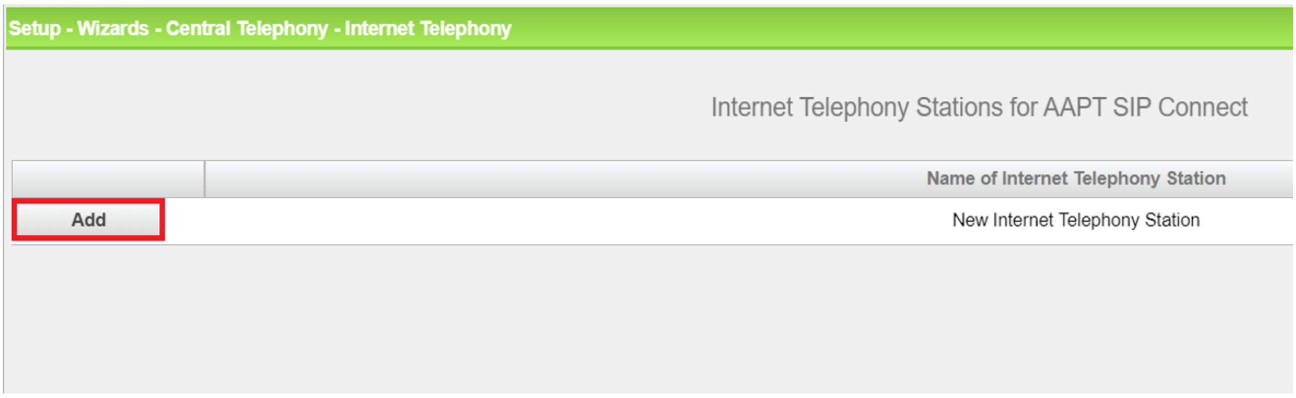
The Port is set to “0” in each case to allow for DNS-SRV.

The **Provider Outbound Proxy** is not used and therefore left deactivated, **Route optimize** is not used and should be left unchecked.



Click [OK & Next].

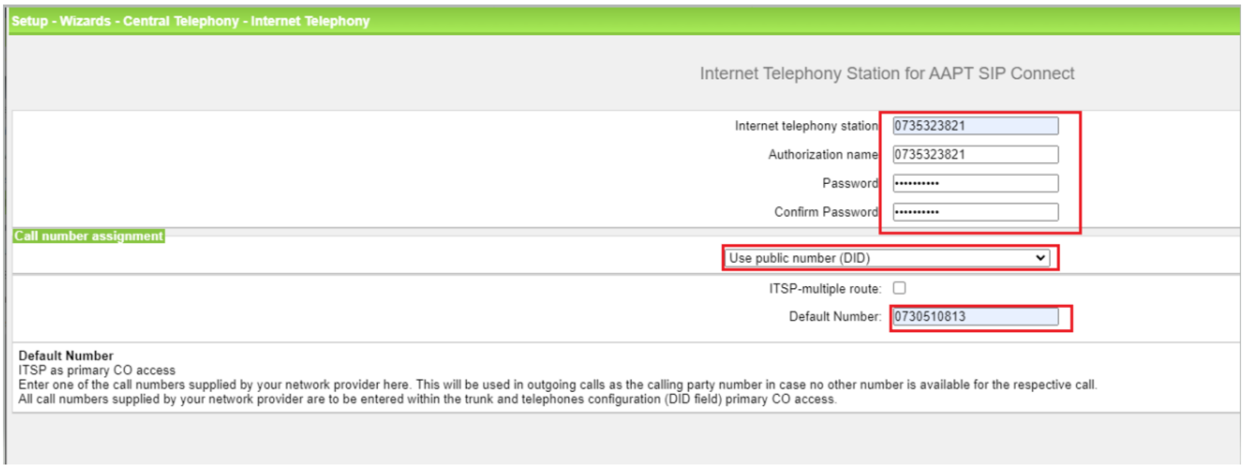
In the next dialog the specific customer SIP Credentials are configured.



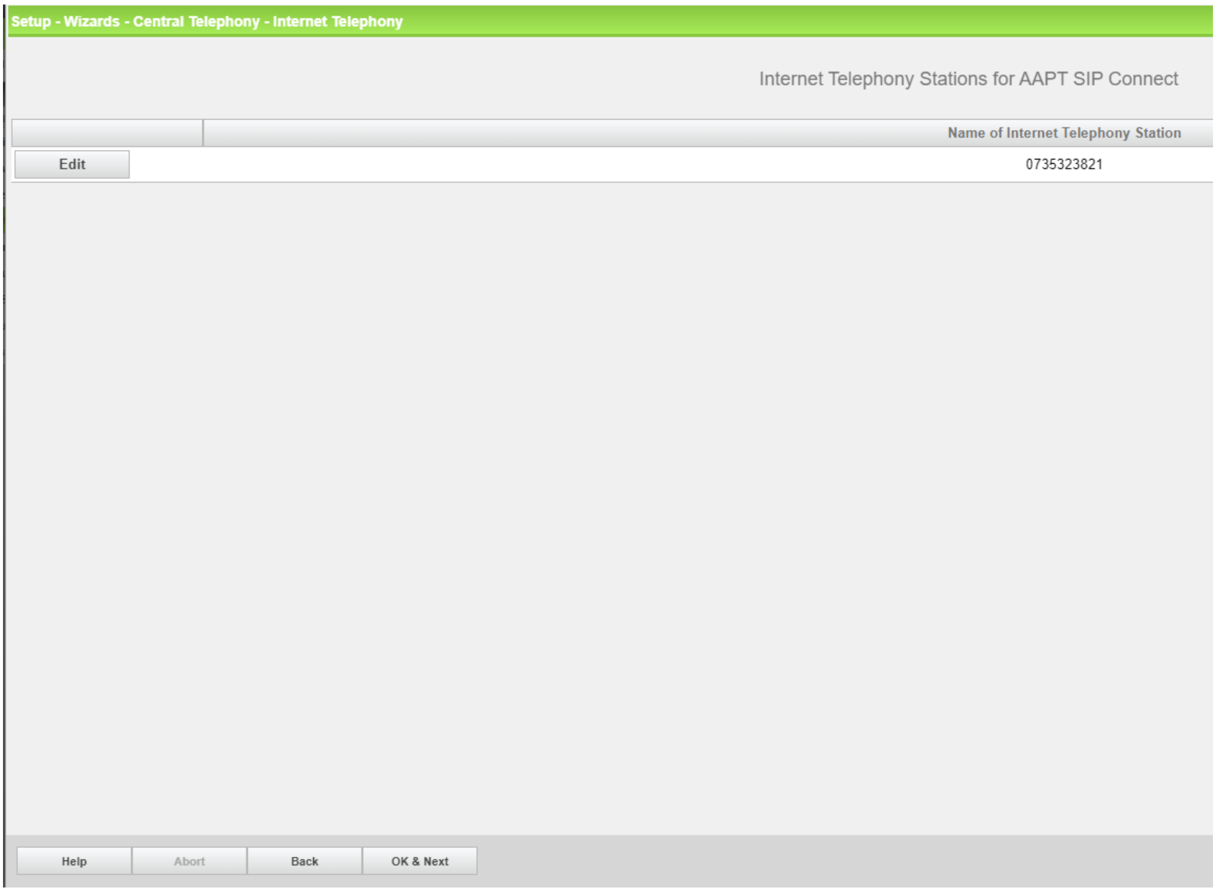
Click on [Add].

Data and Credentials are provided on the AAPT SIP Connect paperwork/email

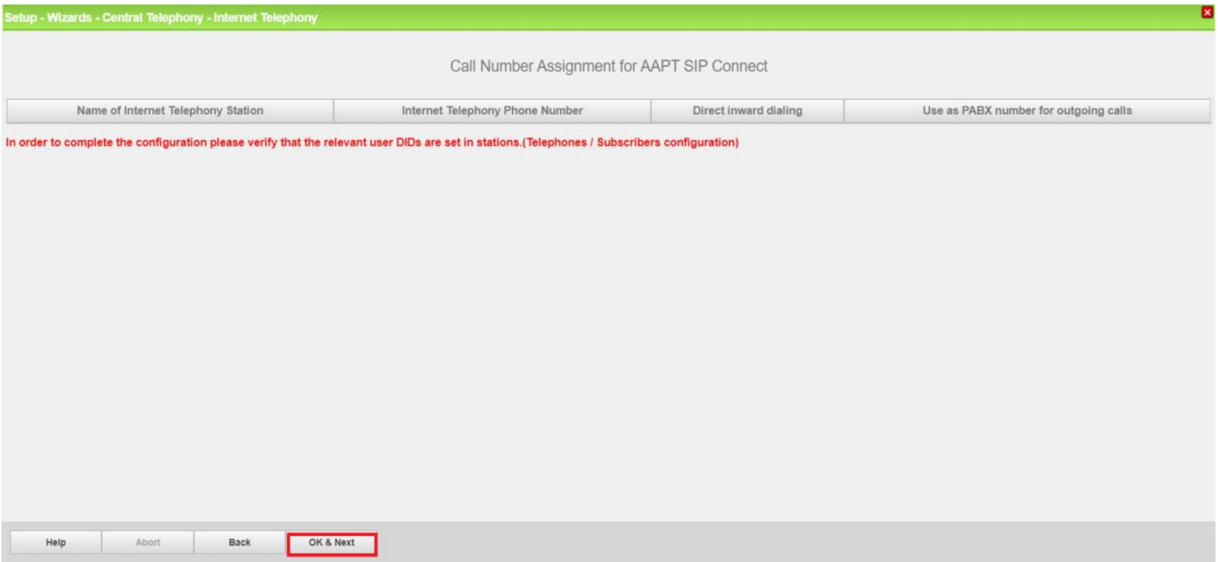
Internet telephony station:	**Username** is inserted here (e.g: **0735323821**)
Authorization name:	**Username** is inserted here (e.g: **0735323821**)
Password:	**Password** provided by AAPT SIP Connect
Default number:	The Main number of ITSP connection. The default number is used as outgoing number when no DDI number is assigned to a station. (e.g: 0730510813). Usually the **Main Number** is entered here.



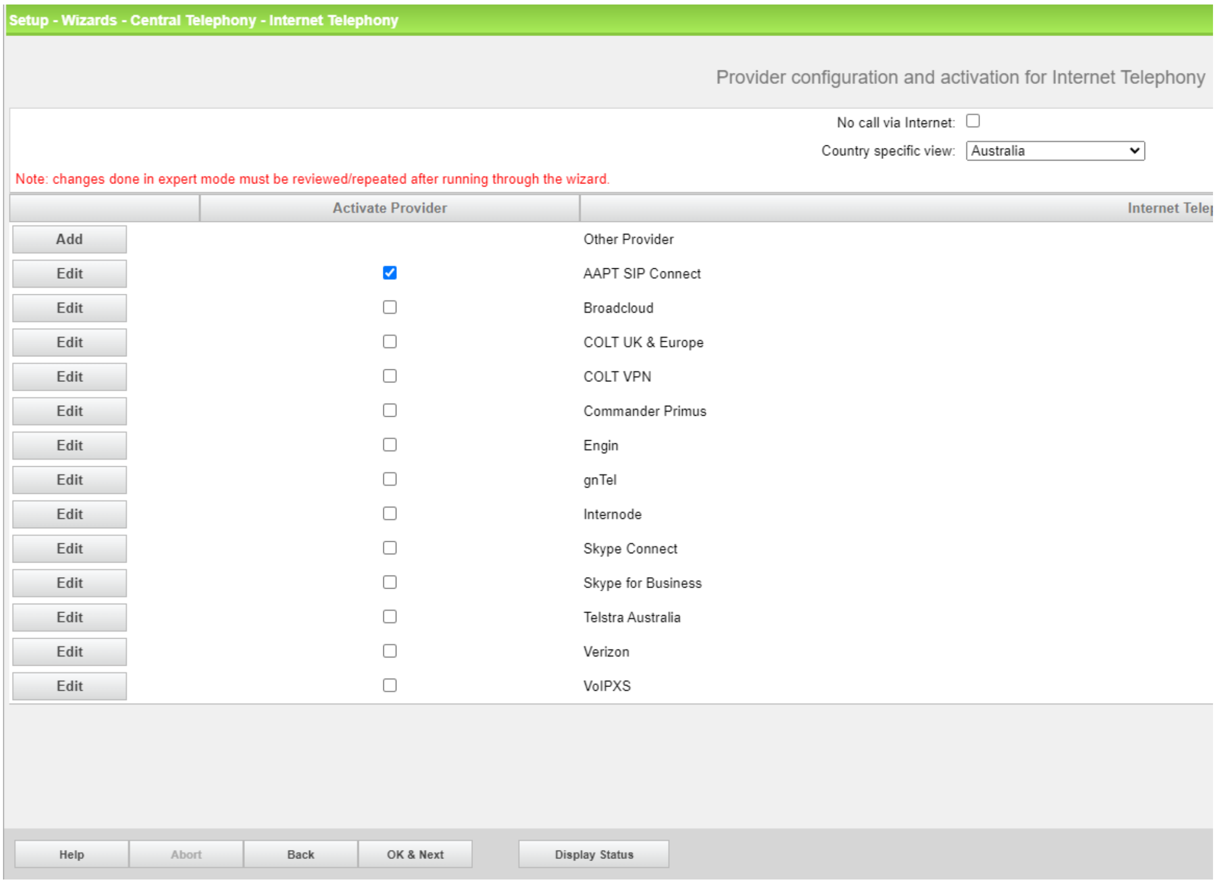
Enter the relevant data and click [OK & Next].



Click [OK & Next]



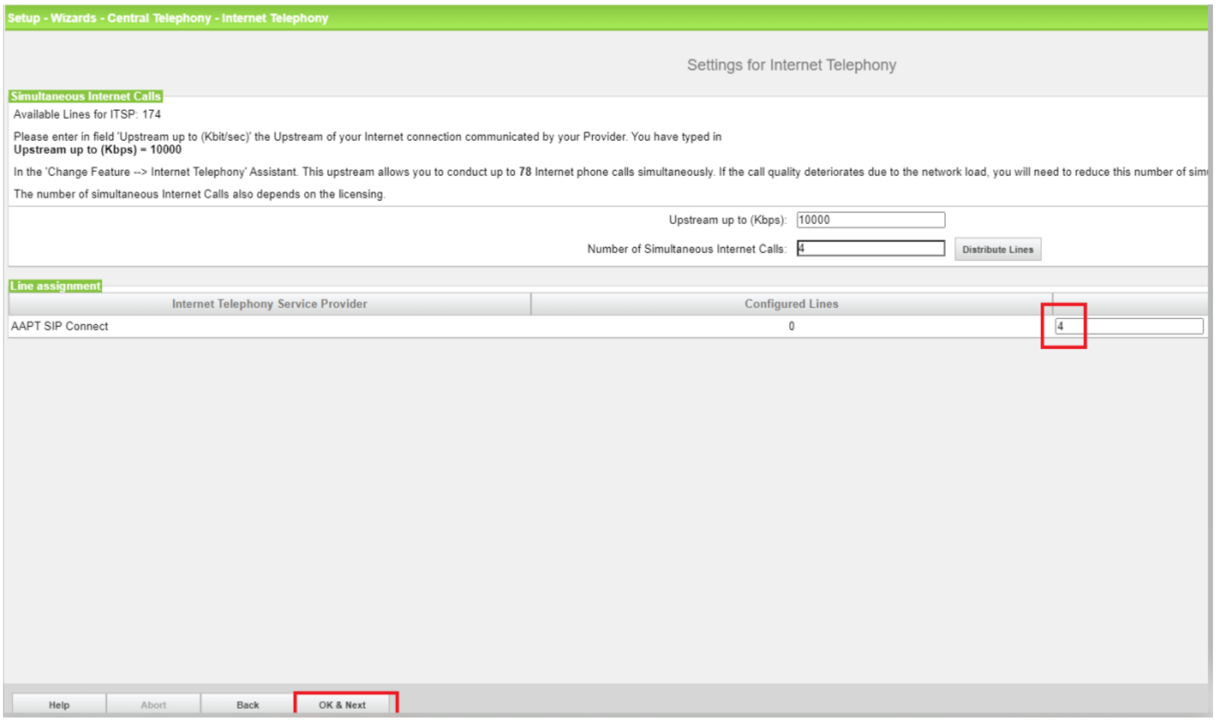
Click [OK & Next] (no input needed)



Click [OK & Next]

Define bandwidth (# Trunks)

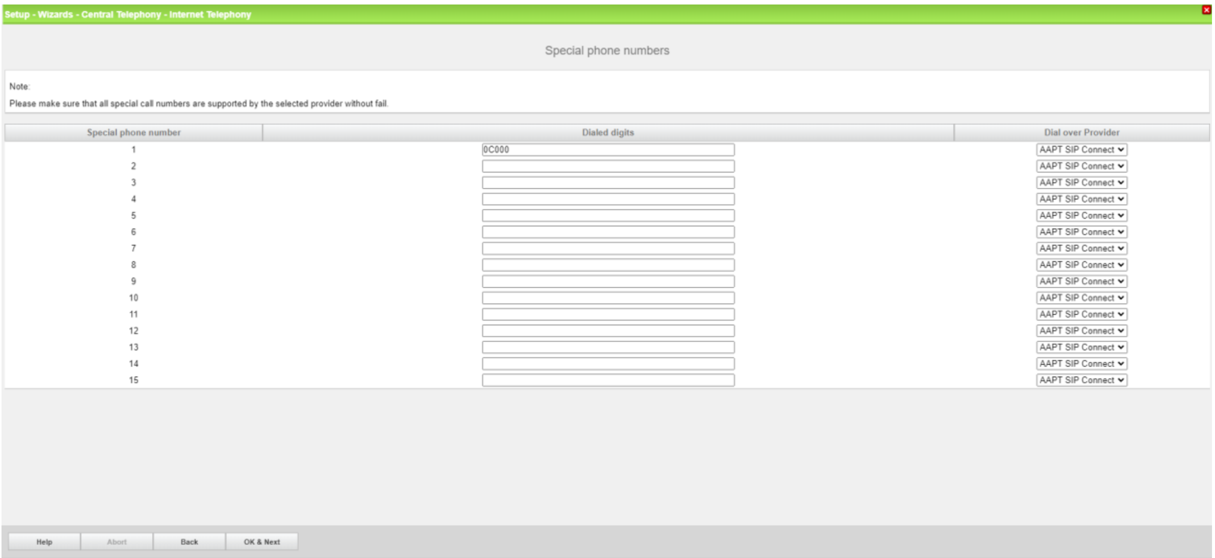
The amount of simultaneous Internet (**Assigned Lines**) calls must be aligned with the **Maximum Active Calls** assigned to the Trunk Group on the AAPT SIP Connect paperwork/email.



Click [OK & Next]

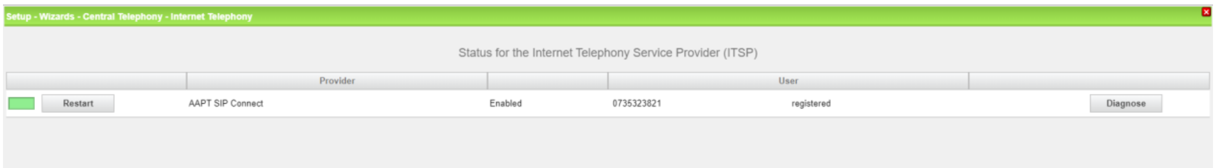
Special phone numbers

In this dialog it is possible to route special phone numbers. Use 000 to contact Emergency Services in Australia.



Click [OK & Next]

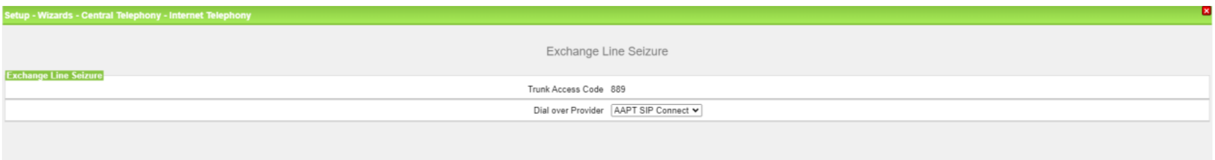
On next page status of ITSP is displayed.



Click [Next]

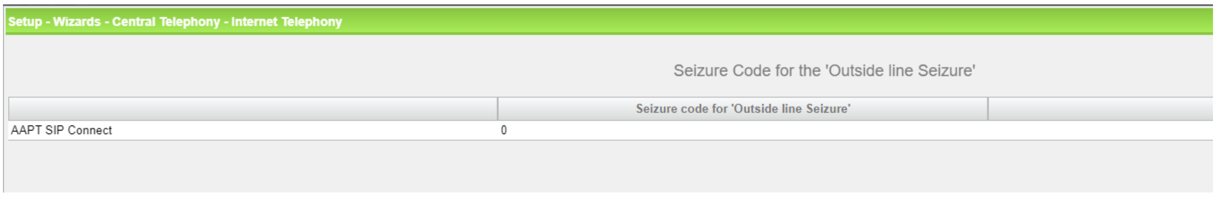
„Exchange Line Seizure“:

Select which trunk will access code 0.



Click [OK & Next]

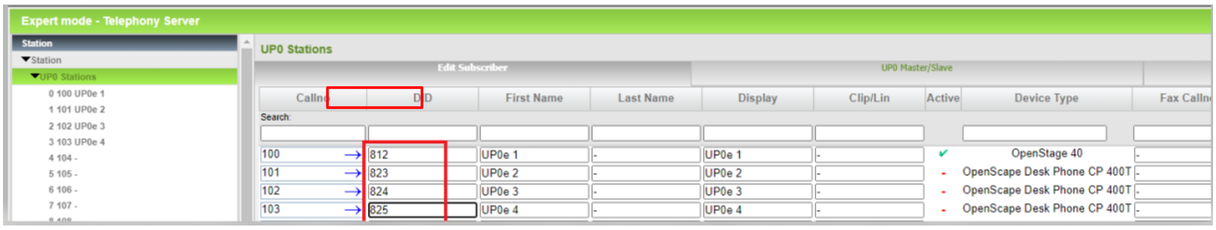
Overview with all configured “Outside line Seizure” are displayed.



Click [OK & Next] and on the next page [Finish]

DID configuration

In the DID Section, only the last 3 digits of the national number is required.

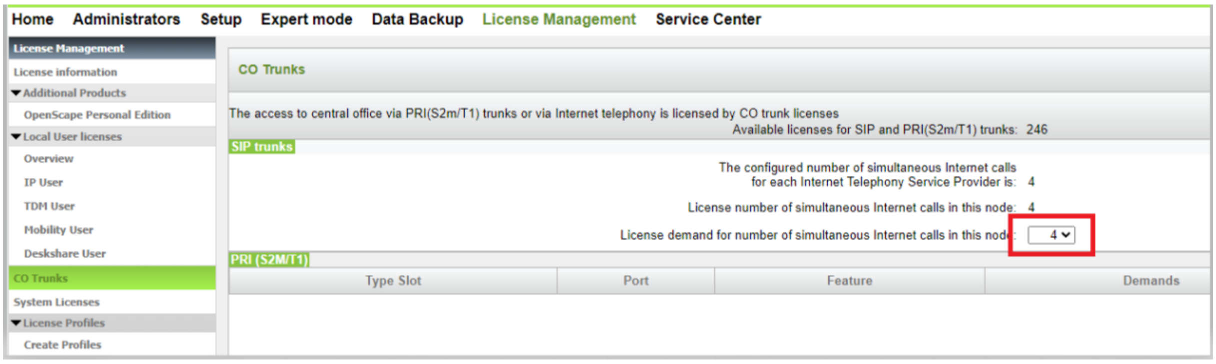


Configure the DID numbers for the IP Clients as well

Additional Configuration

License

Add the “S2M/SIP Trunk” license to the SIP-Trunk



Route Configuration (Best practice)

We have included these settings as most of the ITSP services in Australia will not work without these settings and they are not default.

<u>Change Route:</u> -

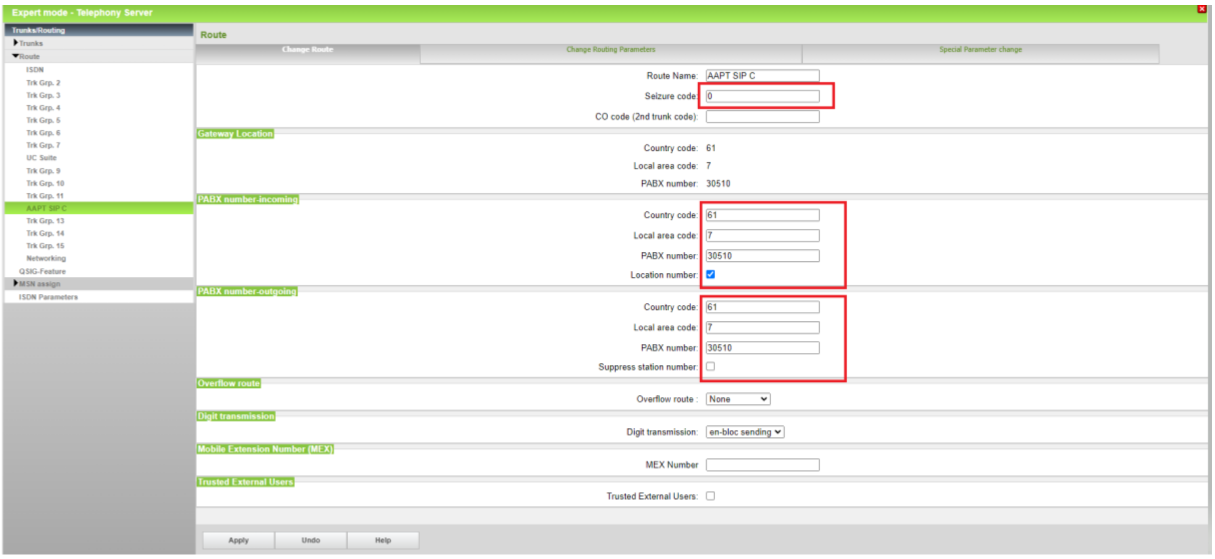
Seizure code: *0*

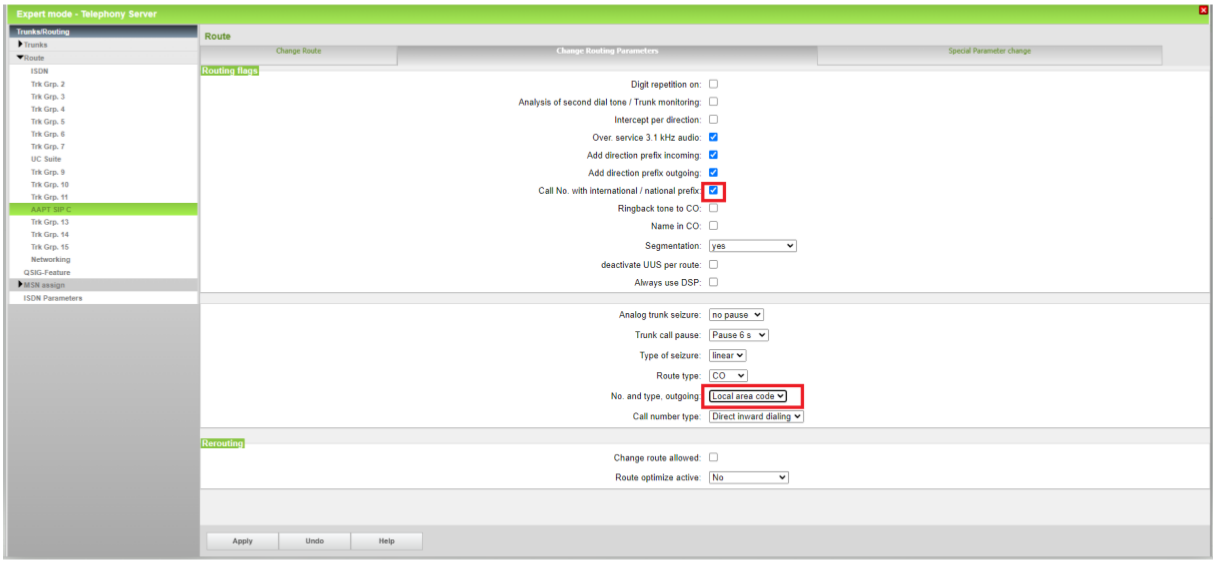
Location number: *ticked*

<u>Change Routing Parameters:</u> -

Call No. with international / national prefix: *ticked*

No. and type, outgoing: *Local area code*





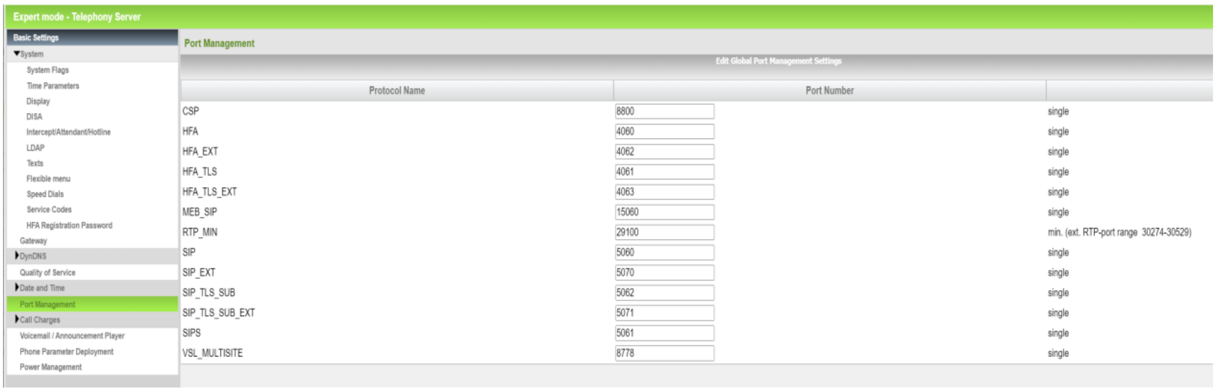
Known limitations and restrictions:

- Faxing is based on G.711, T.38 is not supported by AAPT SIP Connect
- Route Optimization is not certified for AAPT SIP Connect
- TLS was not tested.

Mandatory configuration in Expert Mode

Port management – no change

Go to Expert Mode → Telephony Server →Basic Settings →Port Management
Default port configuration was used during the certification, *no changes required*.



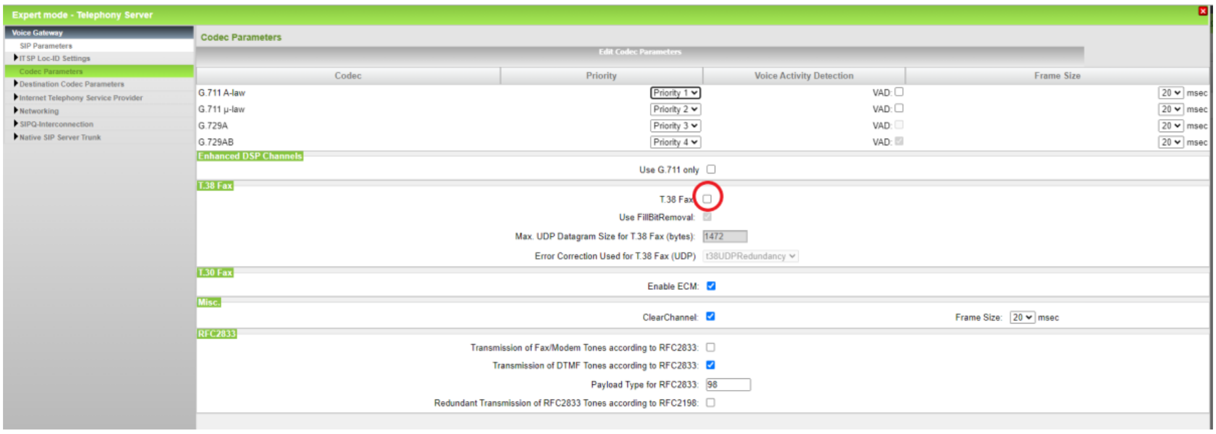
Codec Parameters, deactivate T.38 Fax

Go to Expert Mode → Telephony Server → Voice Gateway → Codec Parameters

T38 fax protocol is not supported by AAPT SIP Connect.

Fax is supported via G.711 only.

Untick the T.38 Fax box to deactivate.



Reboot system after applying changes, in order to take effect