OpenScape Business

How to Configure SIP Trunk for IPfone United States

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Date	Version	Changes
10/31/2019	1.0	First version
09/09/2024	1.1	editorial changes

Note: The basis for this document is the current OpenScape Business at the time of certification. 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.

Trunk Configuration Data provided by IPfone

The configuration data needed to setup the SIP trunk can be found on the ***IPfone*** Portal:

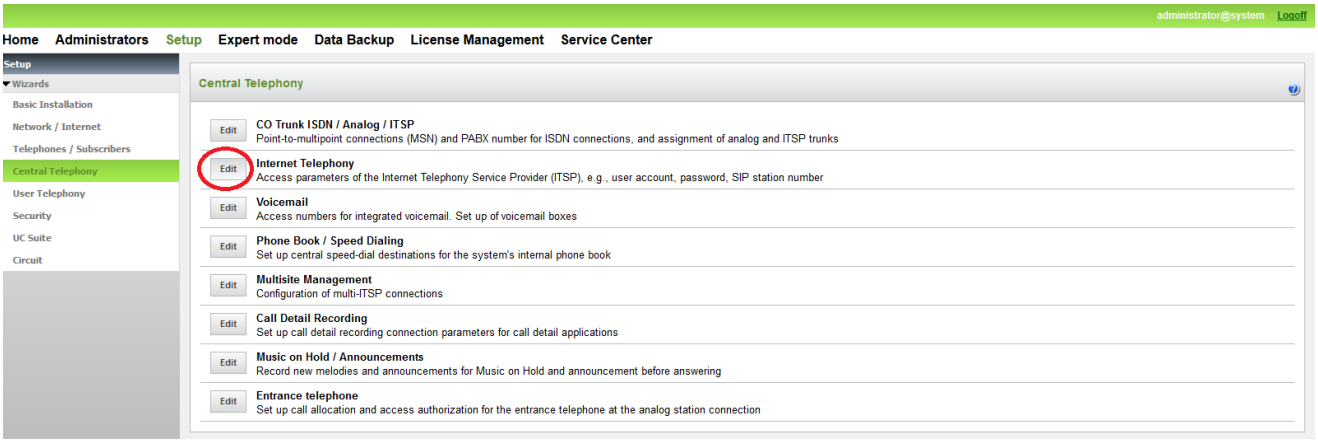
The following information was provided by the ITSP and was used as part of the test configuration. The information you receive may be slightly different.

Information from IPfone	**Example**	**Used in Field of OSBiz-WBM**
Call Number	2156633615/2156633699	
Authentication User Name	2156633615	Internet Telephony Station & Authorization Name
Display Name	2156633615	Default Number
Password	**********	Password & (Confirm Password)
Maximum active calls allowed	3	**Assigned Lines**

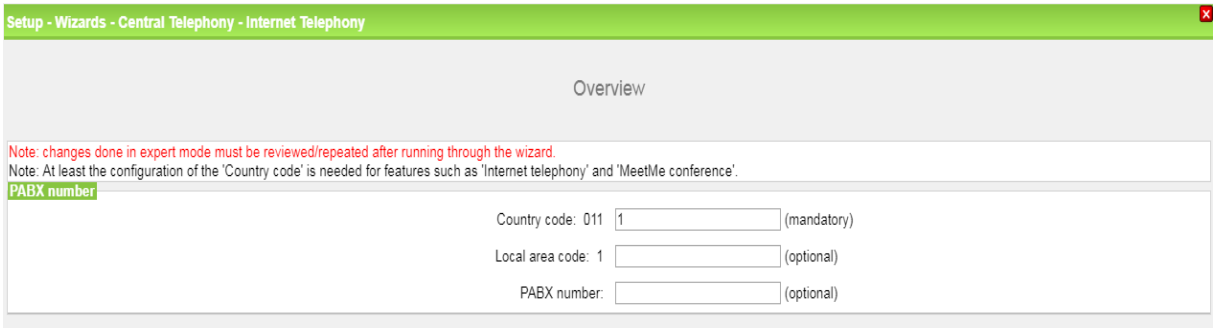
Configuration Wizard

Internet Telephony

Go to Central Telephony – “Internet Telephony“

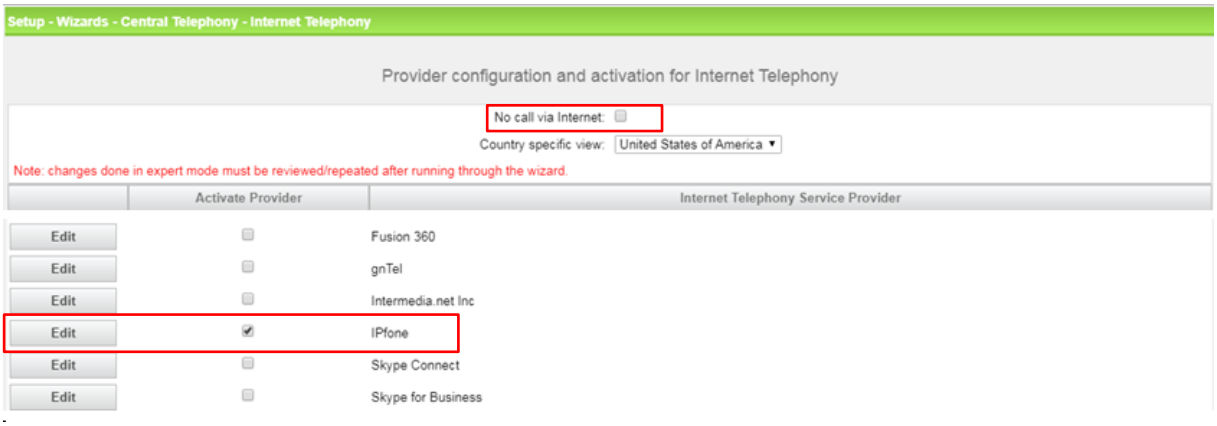


The overview page appears for entering the location data. The most flexible type of configuration is to enter the Country code only.



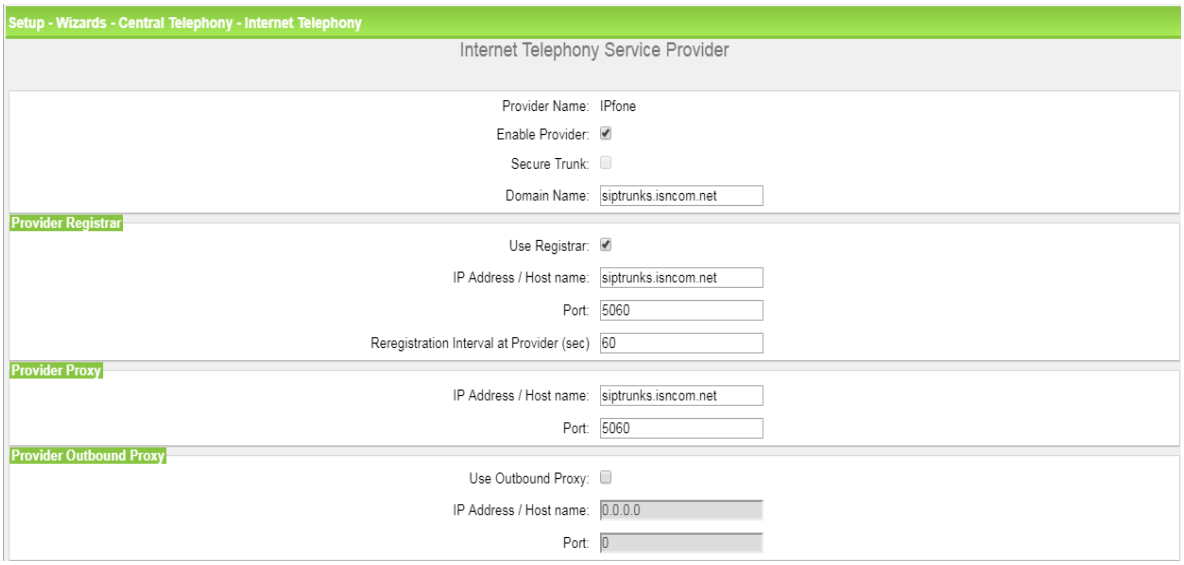
Click [OK & Next].

Provider configuration and activation for Internet Telephony -> No call via Internet -> uncheck
Use County specific view: United States of America and select "***IPfone***".

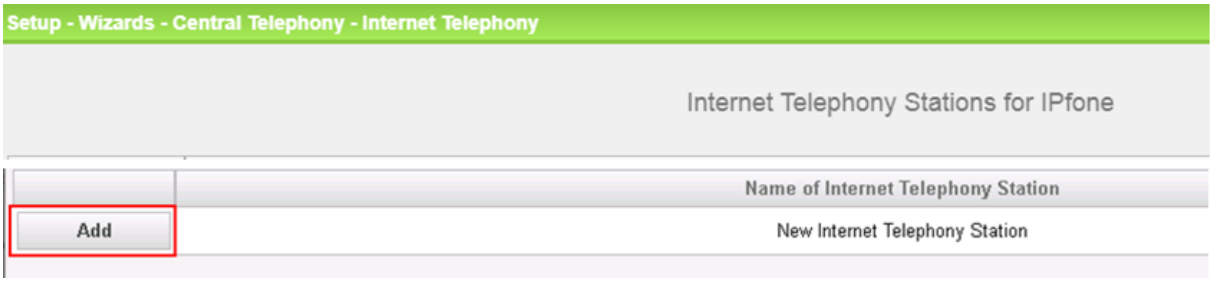


Activate Provider and click on [Edit].

On the next page the server settings are listed. They are predefined and must not be changed.



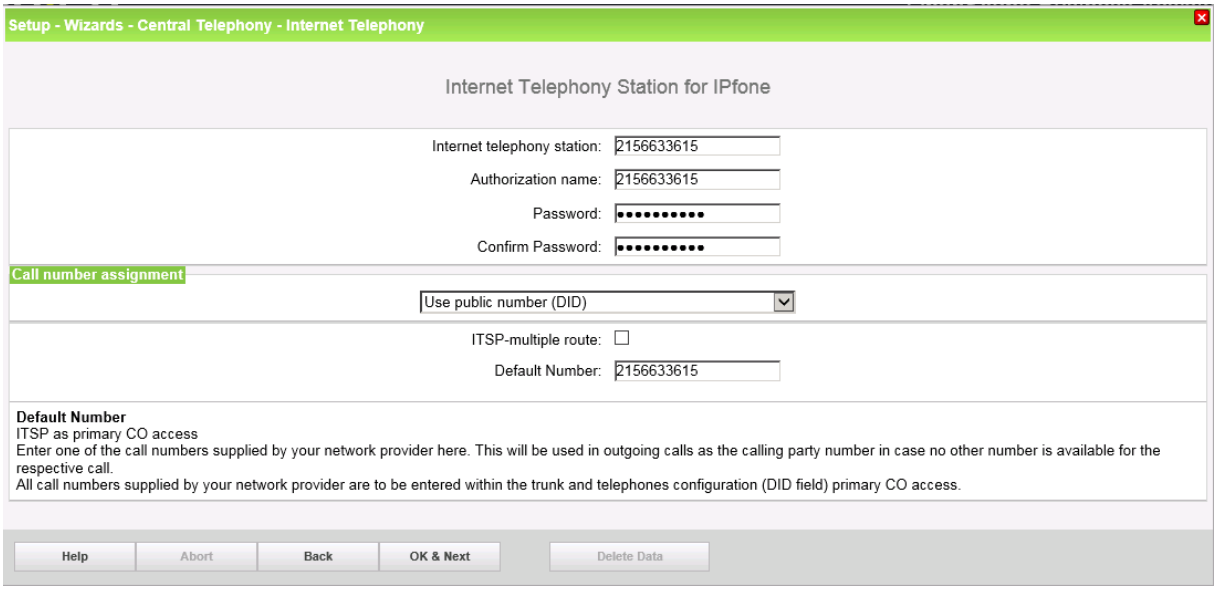
In the next dialog the specific customer SIP User data will be configured.



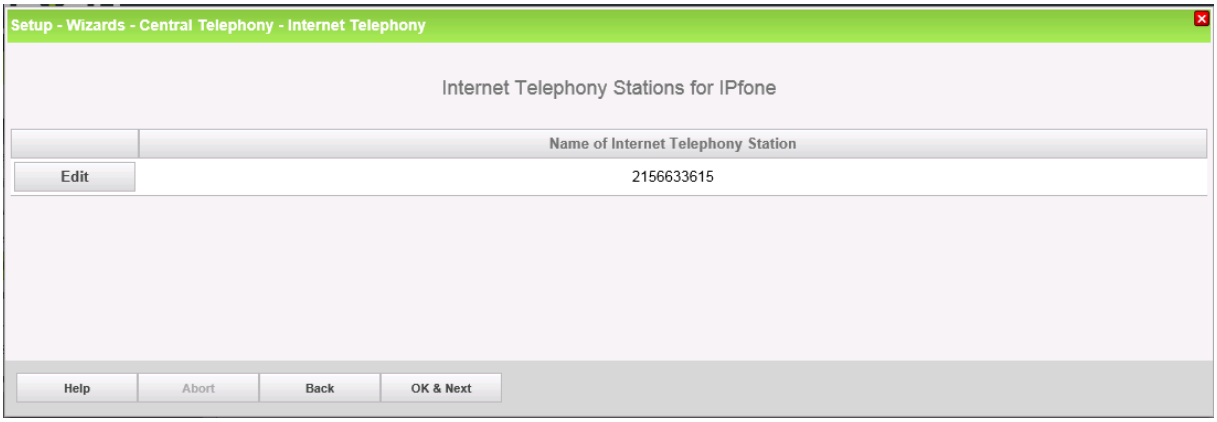
Click on [Add].

Data provided on the **ipfone** Portal must be entered as follows:

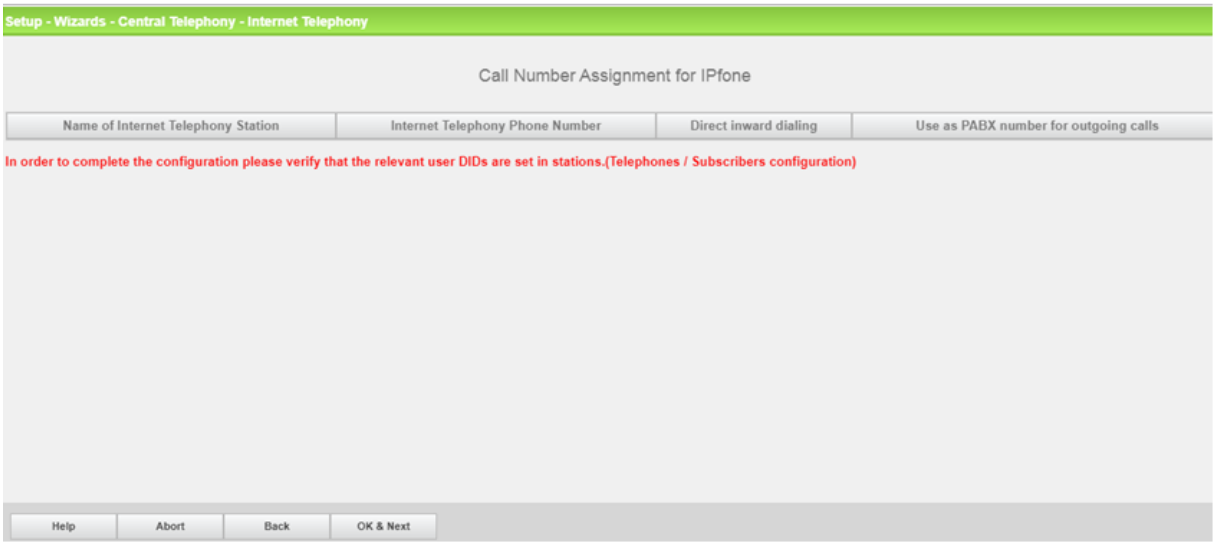
Internet telephony station:	**Authentication User Name** is inserted here (e.g: 2156633615)
Authorization name:	**Authentication User Name** is inserted here (e.g: 2156633615)
Password:	**Password** provided by ***IPfone***
Default number:	Main number of connection. The default number is used as outgoing number when no DDI number is assigned to a station. (e.g: 2156633615). Usually the **Lead Number** is entered here.



Enter the relevant data and click [OK & Next]

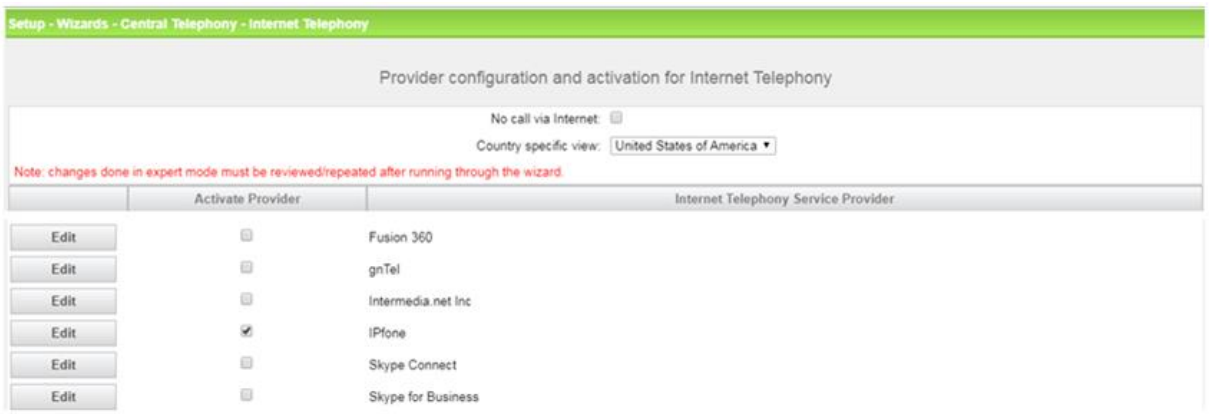


Click [OK & Next]



Hint: As DID mode is selected, the configuration of DIDs is done directly at the Stations configuration.

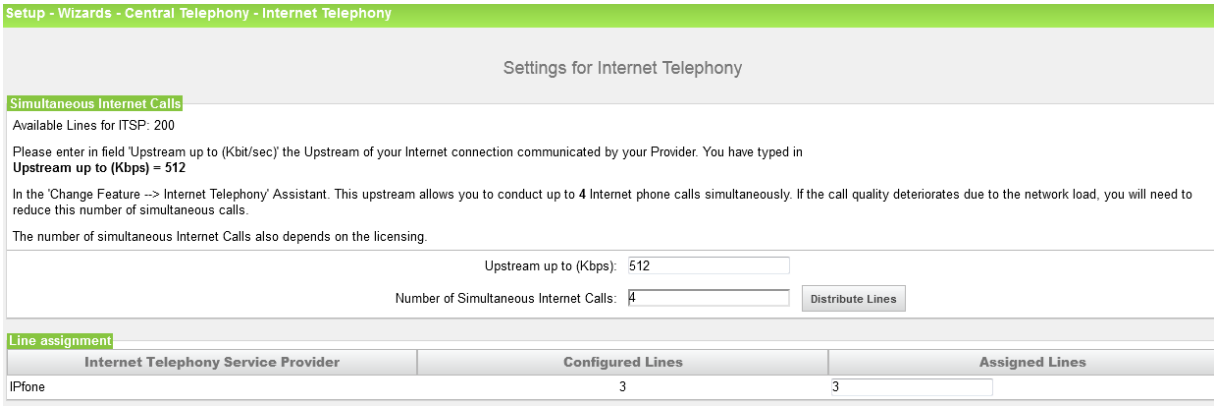
Click [OK & Next] (no input needed)



Click [OK & Next]

Define bandwidth (# Trunks)

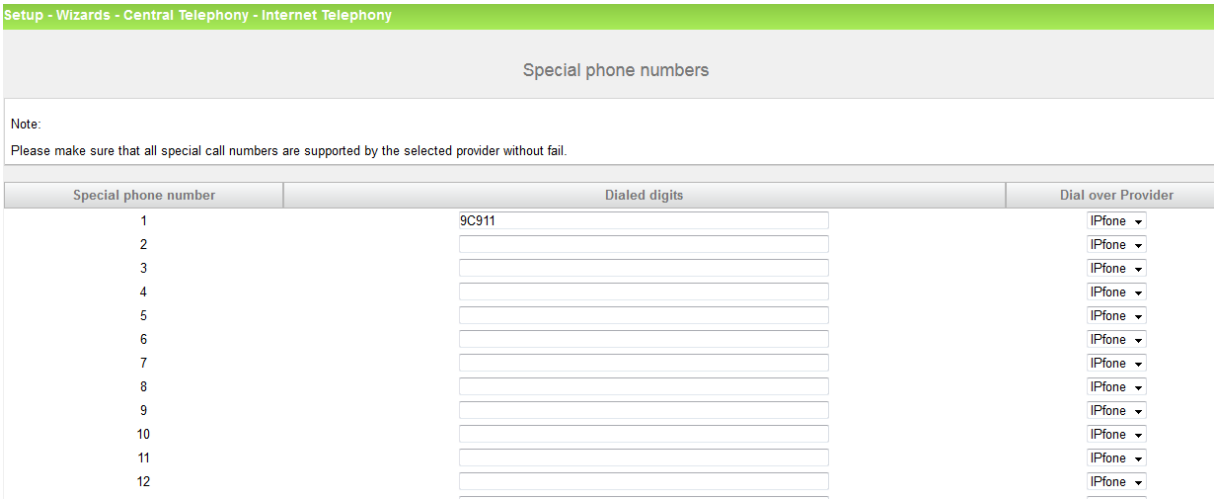
The amount of simultaneous Internet (**Assigned Lines**) calls must be aligned with the **Maximum Active Calls** assigned to the Trunk Group on the ipfone Portal.



Click [OK & Next]

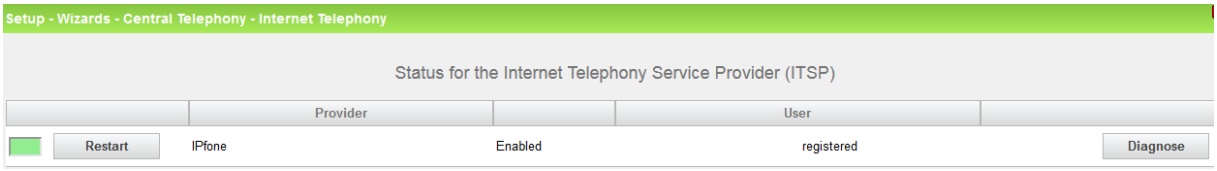
Special phone numbers

In this dialog it is possible to route special phone numbers.



Click [OK & Next]

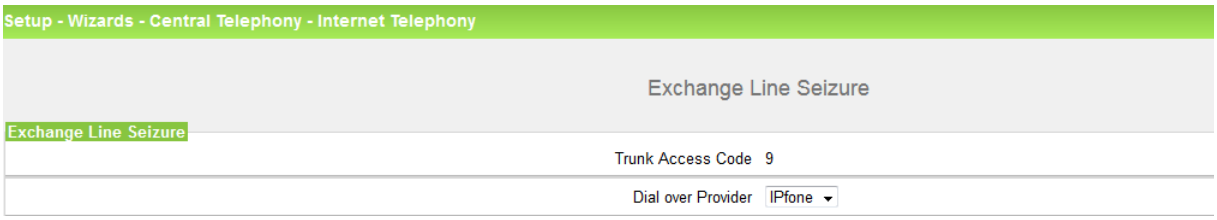
On next page status of ITSP is displayed.



Click [Next]

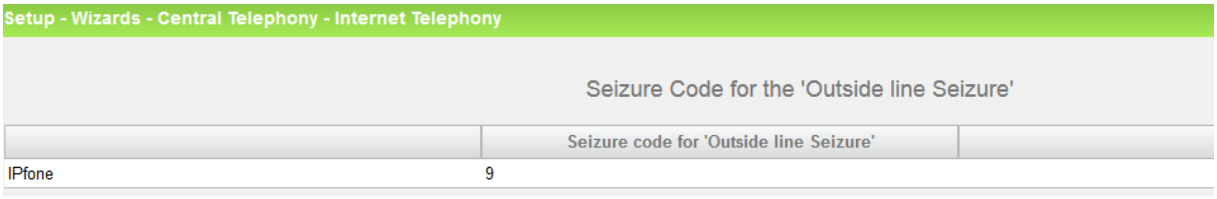
“Exchange Line Seizure“:

Select which trunks will access code 9. Enter the local area code without prefix digits (needed only when local area code was not entered in first step PBX number)



Click [OK & Next]

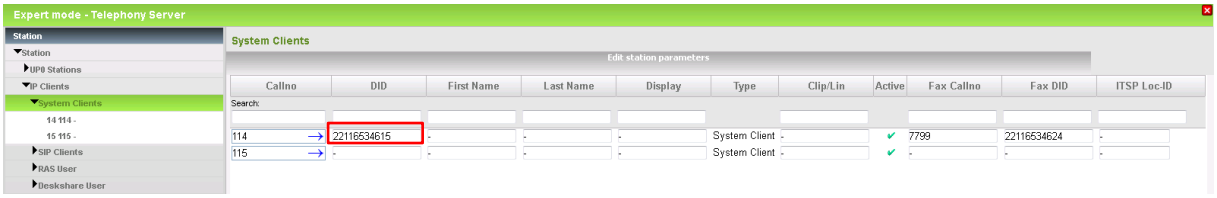
Overview with all configured “Outside line Seizure “are displayed.



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

DID configuration

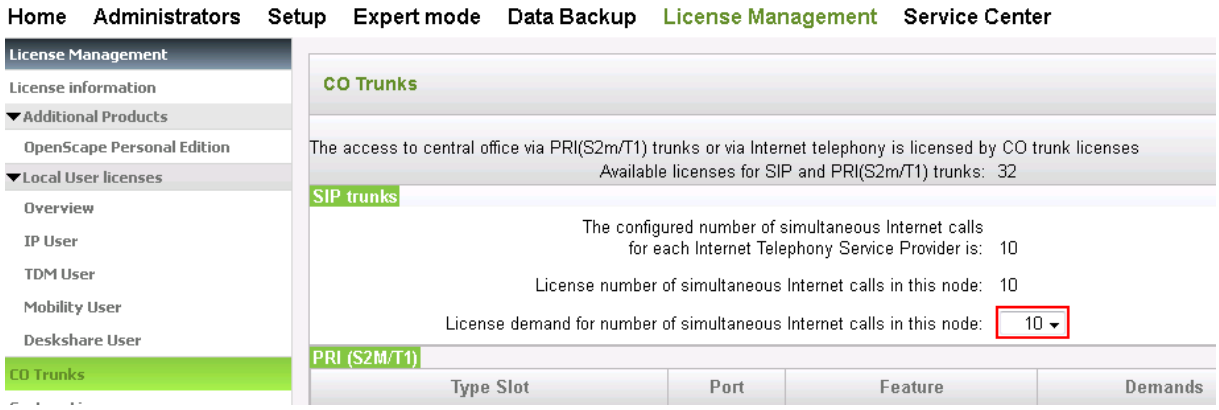
In the DID Section, the full DID will need to be entered without the country code.



Additional Configuration

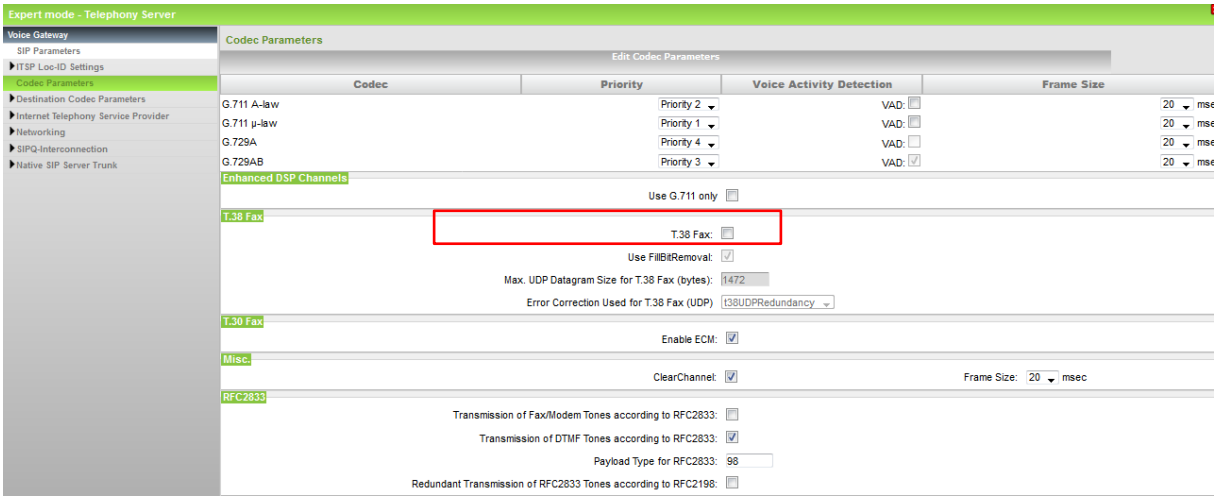
License

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



Mandatory configuration in Expert Mode

The T38 fax protocol is not supported by **ipfone**. Fax is supported via G.711 only. For this reason you MUST disable T38 Fax protocol.



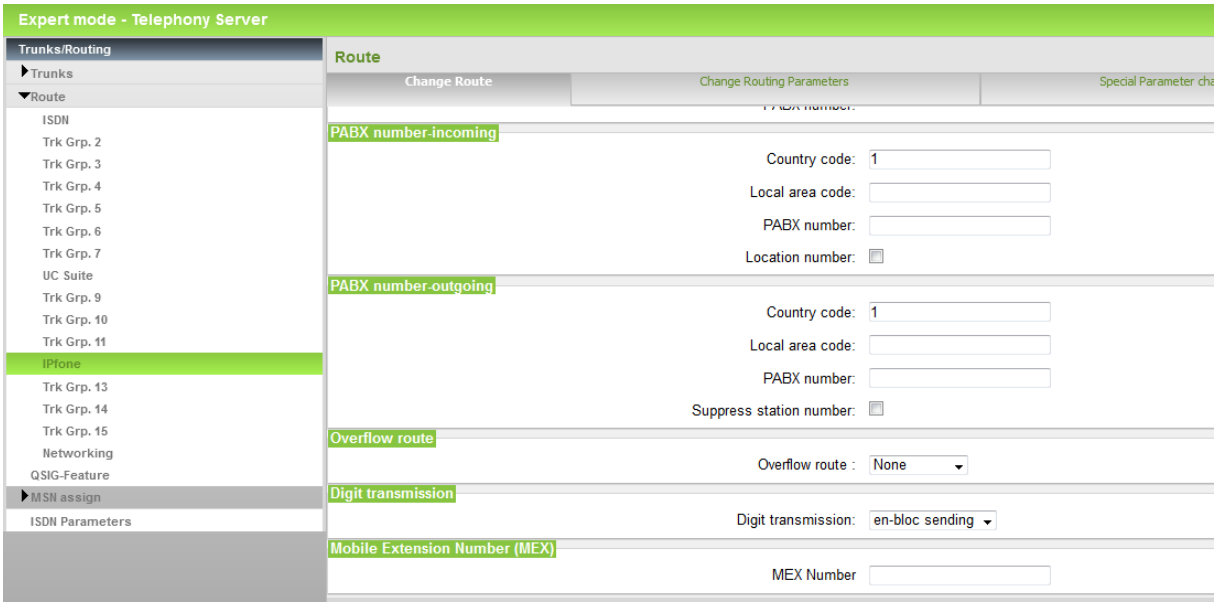
Check ITSP Route Parameter Settings

After the ITSP is registered with the system the next (optional) step will be to revise the route group settings for the associated trunk group. The settings have been written by the wizard and should be like shown below.

*Path: Expert > Trunks/Routing > Route > Select **IPfone*** Route group.

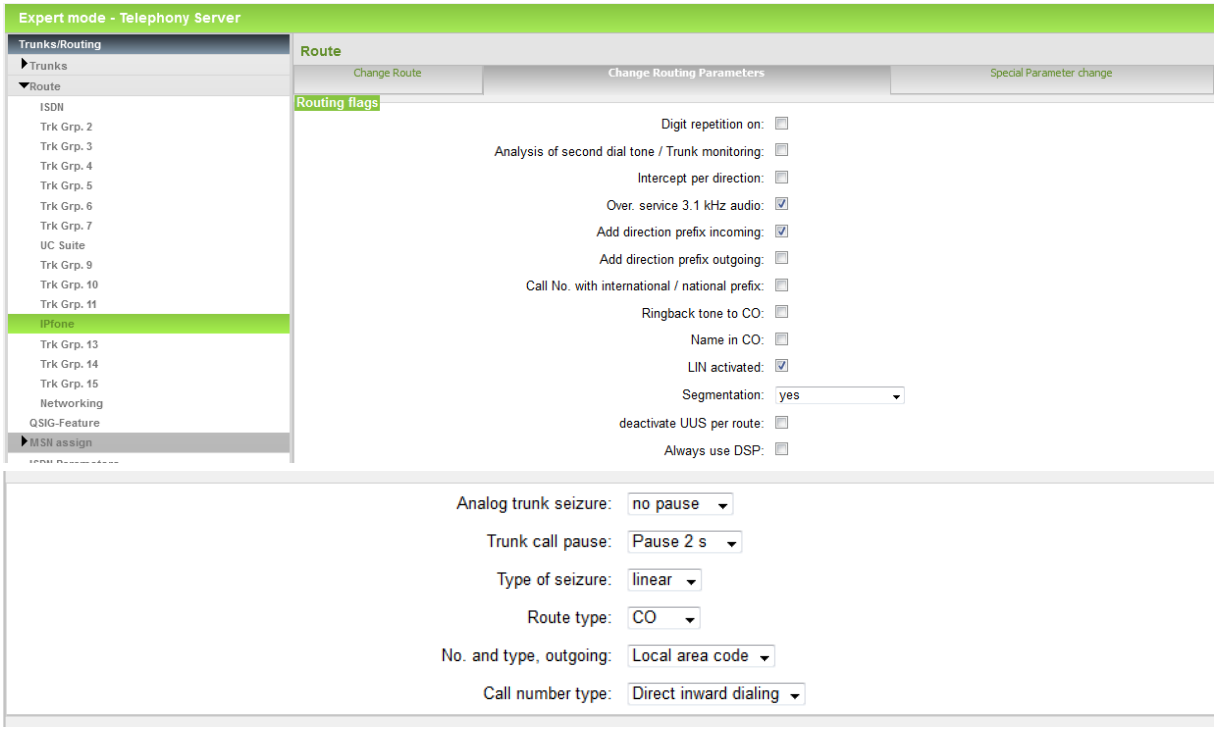
On the **Change Route** tab insure the

- "*Suppress Station number"* flag is disabled
- "*Digit transmission"* is set to en-bloc sending.



On the **Change Routing Parameters** tab insure that the

- "*Add direction prefix for incoming call flag*" is enabled
- "*No and type outgoing*" entry is set to Local Area Code
- *"Call number type"* is set for Direct inward dialing.



Press the "Apply" Button to confirm the information.