OpenScape Business V3

How To Configure SIP Trunk for VoipQ NL

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Table of History

Date	Version	Changes
2020-04-30	1.0	First version
2020-09-25	2.0	Second version
2024-09-09	2.1	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.

Configuration Data

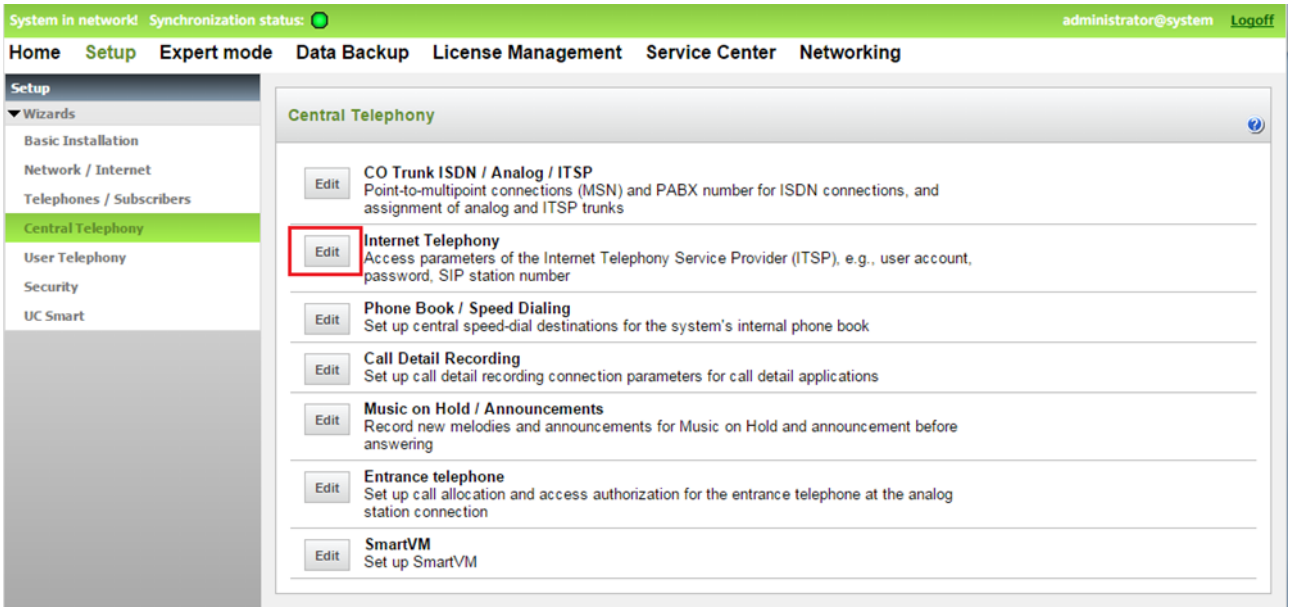
Information from ITSP VoipQ NL

Name	Example
Call Number:	(015) 7640560……7640569
Gebruikersnaam:	0372*201
Wachtwoord:	e.g. 58#$II9*
Number of voice-channels:	2

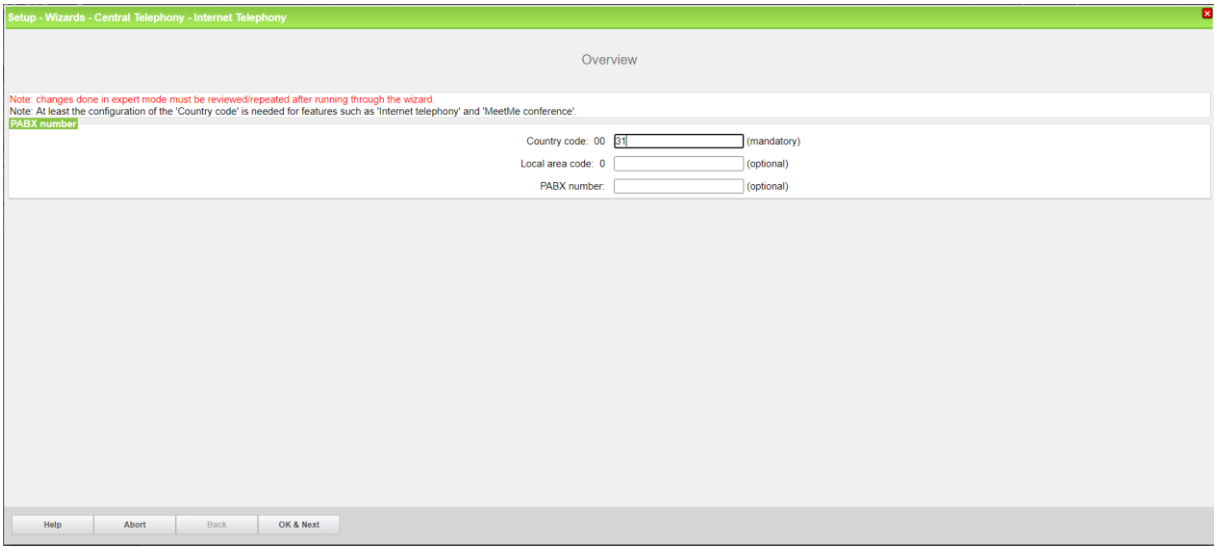
Configuration Wizard

Internet Telephony

Go to „Central Telephony – Internet Telephony“



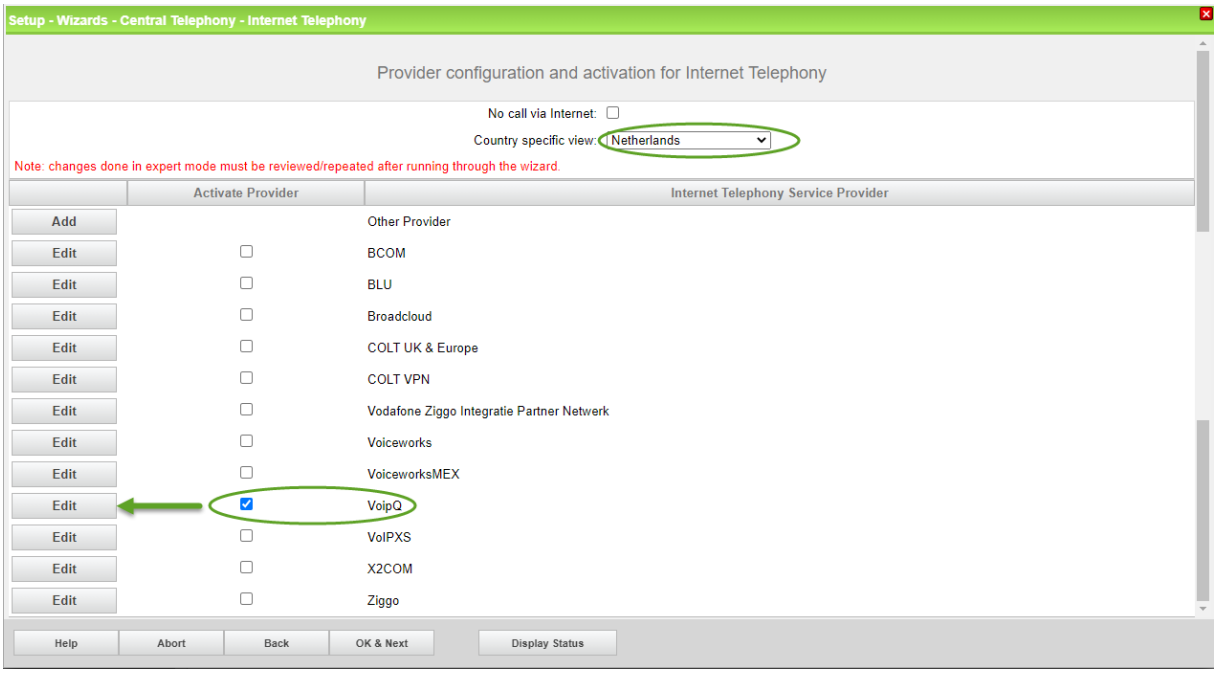
The overview page appears for entering the location data. The most flexible type of configuration is to enter the Country code only.



In this case, remaining digits are filled in DID field.
Click [OK & Next]

Provider configuration and activation for Internet Telephony -> No call via Internet -> uncheck

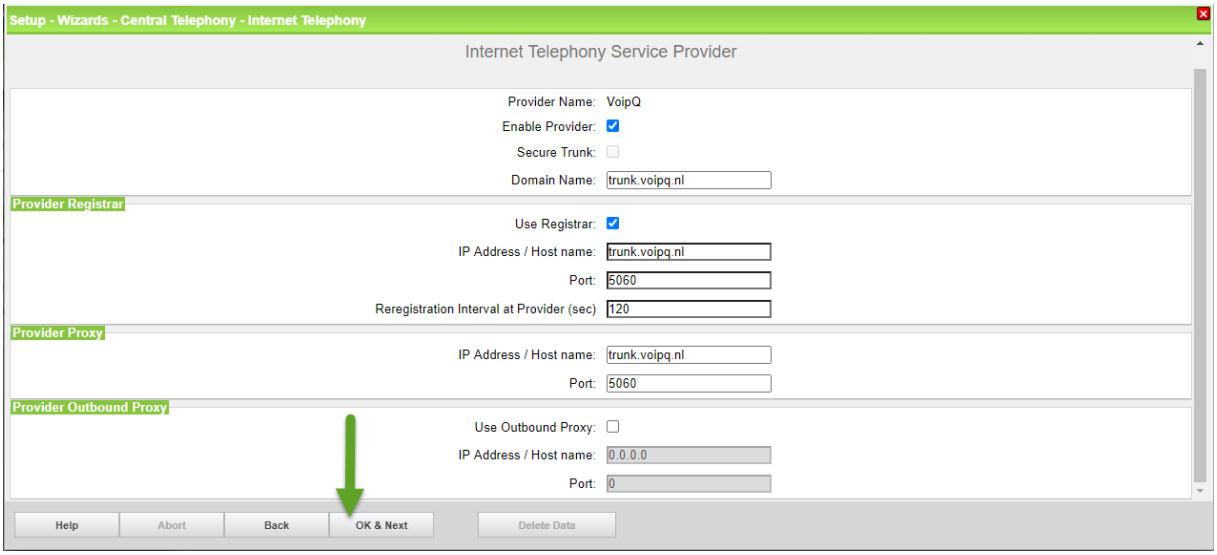
Use County specific view: Netherlands and select ***VoipQ***.



Activate Provider and click on [Edit].

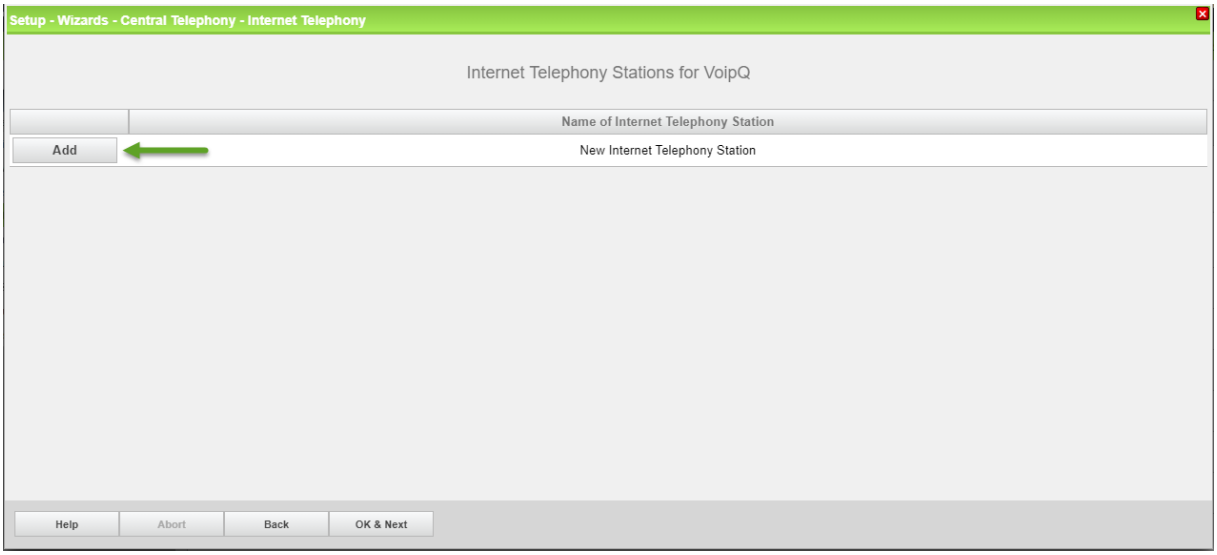
The following settings are shown. They should not be changed.

Only in case Call deflection must be used, the flag “Route optimize active” needs to be activated. In this case an external call forward will be done by the provider and the trunk channels in the system will remain free.



Internet Telephony configuration

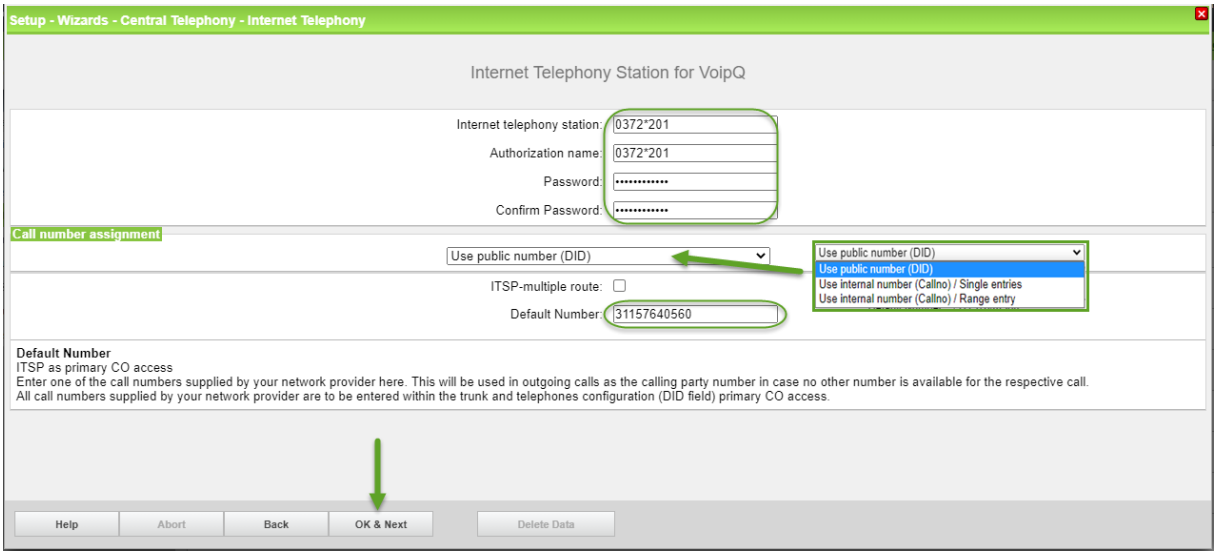
In this dialog the specific customer SIP User data will be configured.



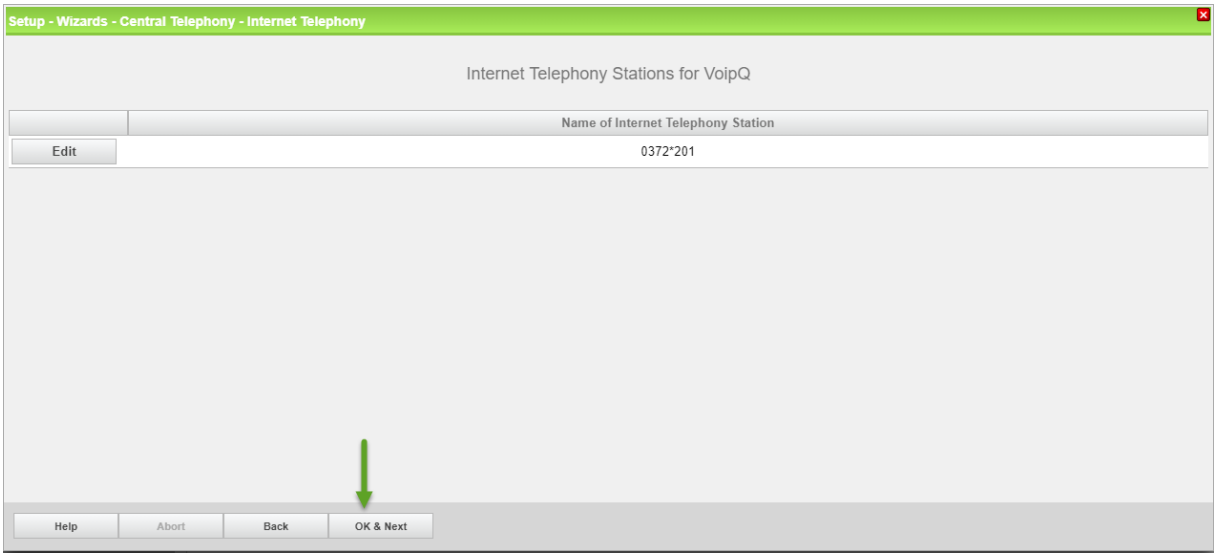
Click on [Add].

Data provided by ***VoipQ*** NL is inserted here. You will find this information on the webportal of ***VoipQ***.

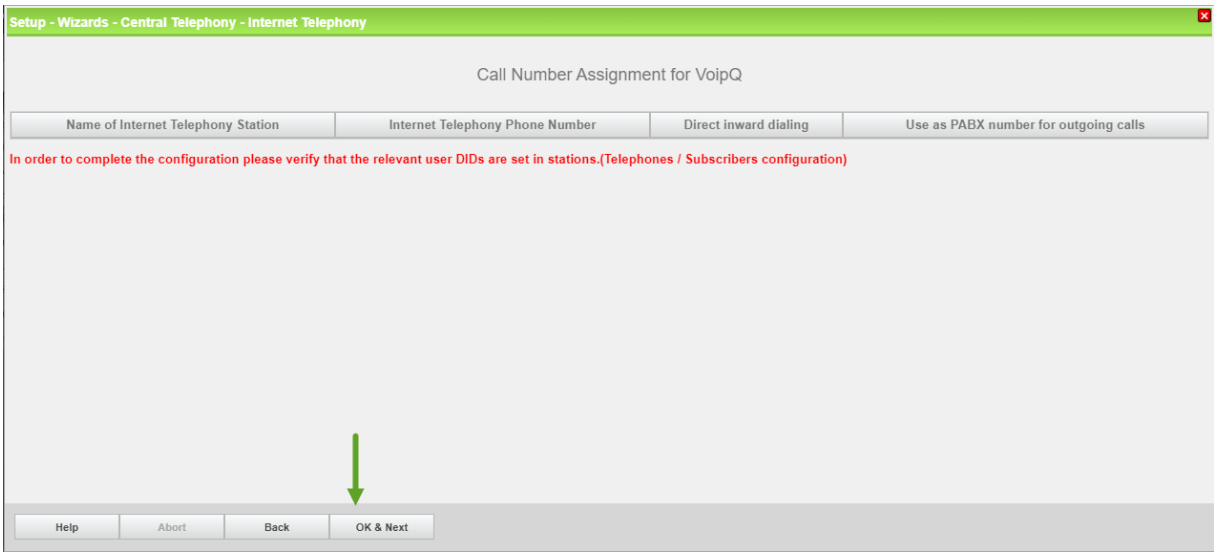
Internet telephony station:	"SIP-User" is inserted here.
Authorization name:	"SIP-User" is inserted here.
Password:	"Wachtwoord" provided by ITSP Voipq is inserted here.
Call number assignment:	select "Use public number (DID)". This is the easiest and preferred way to define the phone numbers in the system. Phone numbers are treated as a normal DID number in the system as if it was normal ISDN.
ITSP multiple route:	Must be used in case more than one account of the same provider (in this case ***VoipQ***) has to be configured on the same system. When this flag is activated, you will be able to define extra accounts.
Default number:	Main number of the connection. The default number is used as Outgoing number when no DDI number is assigned to a station. (number must be in Implicitly international format)



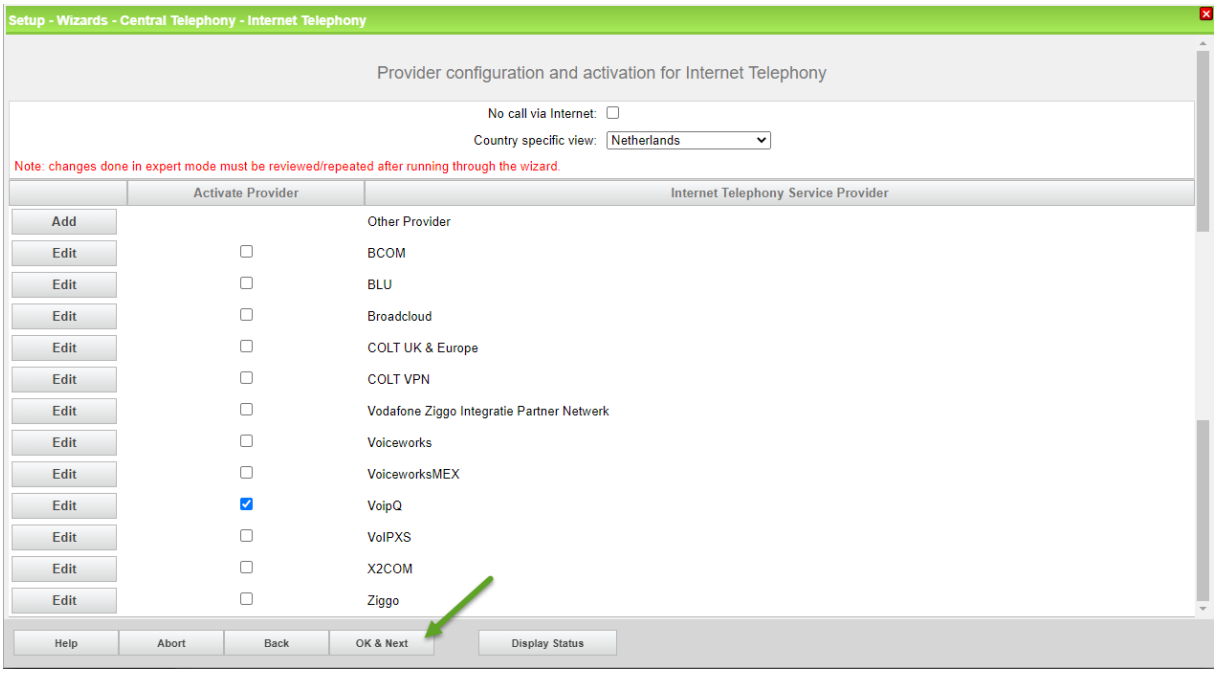
Click [OK & Next].



Click [OK & Next].



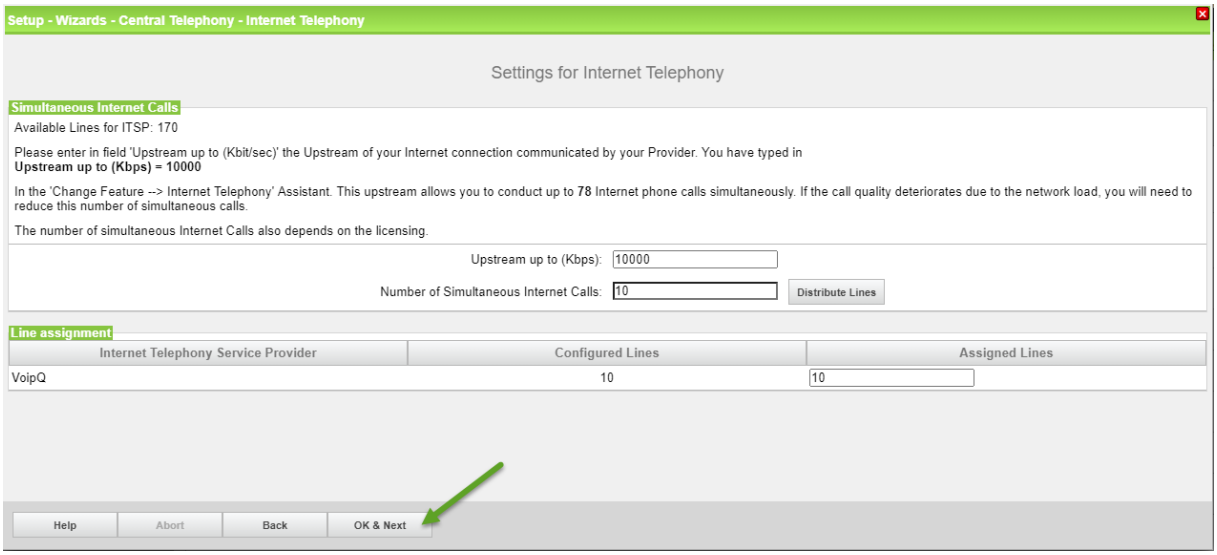
Click [OK & Next] (no input needed)



Click [OK & Next] (no input needed)

Define bandwidth (# Trunks)

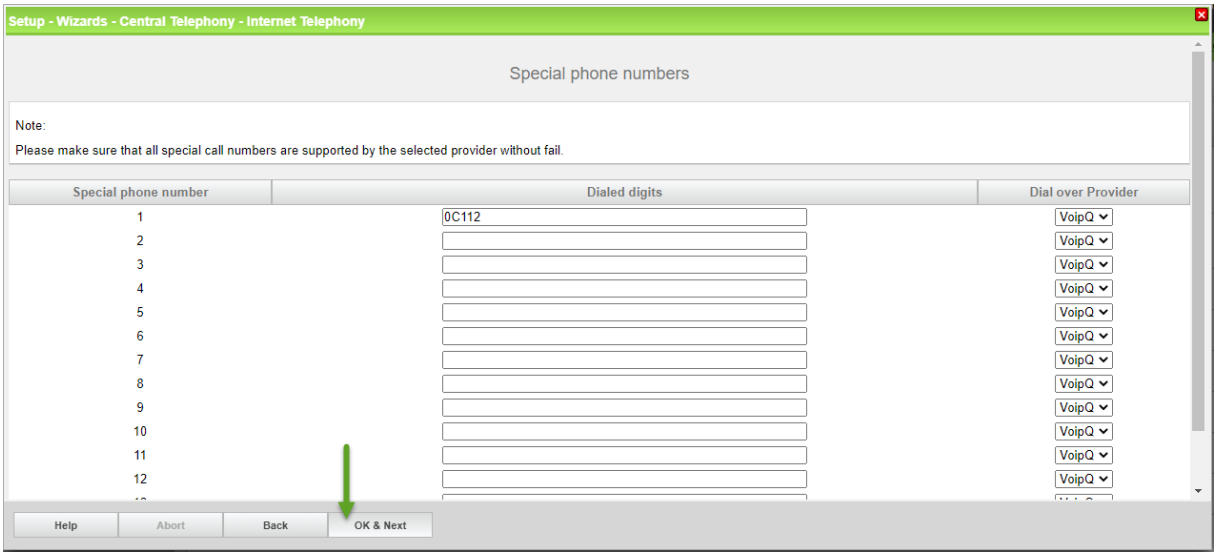
In the next part the number of simultaneous calls via the SIP trunk will be defined. The calculation of the number of trunks is done by the wizard automatically depending on the bandwidth. For each 128K, one trunk is created. The number can also be defined manually.



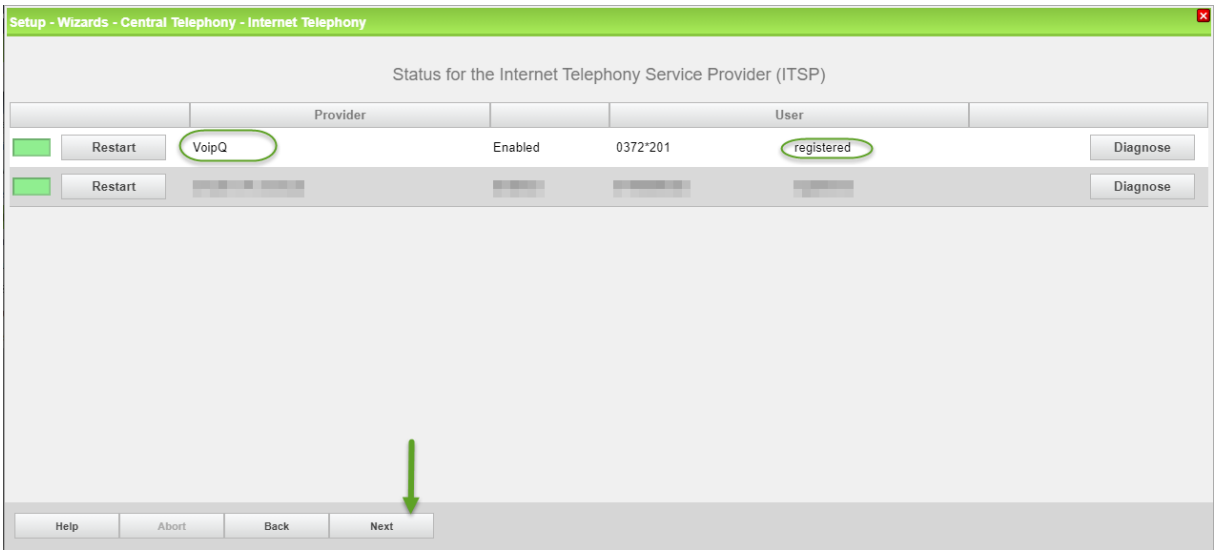
Click [OK & Next]

Special phone numbers

In this dialog it is possible to route special phone numbers. When special phone numbers are not supported over the ITSP route it is possible to change this here.



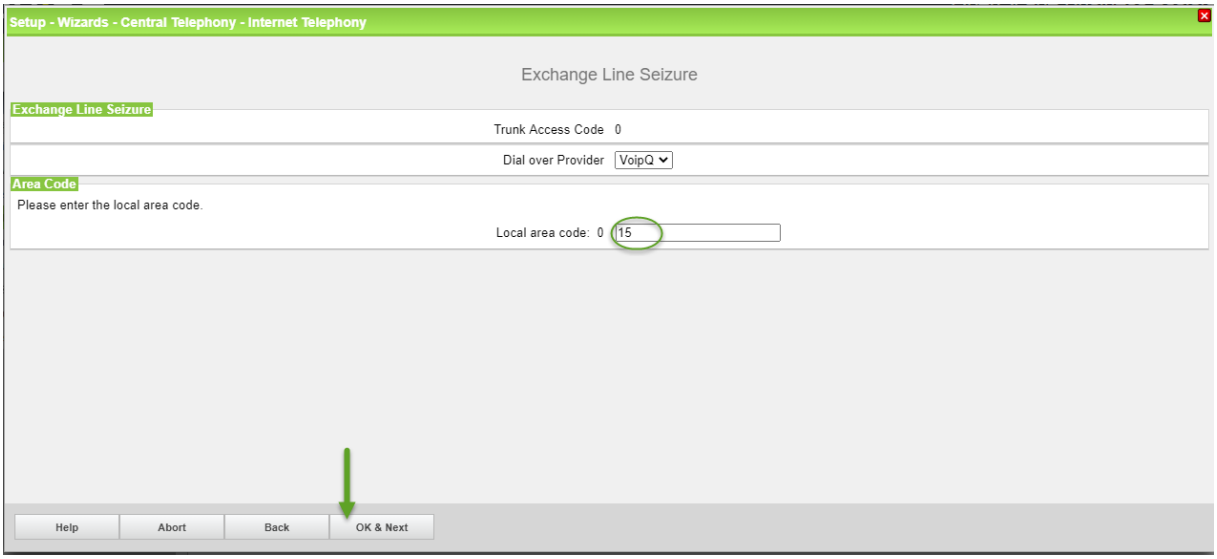
Click OK & Next and the ITSP status will be displayed.

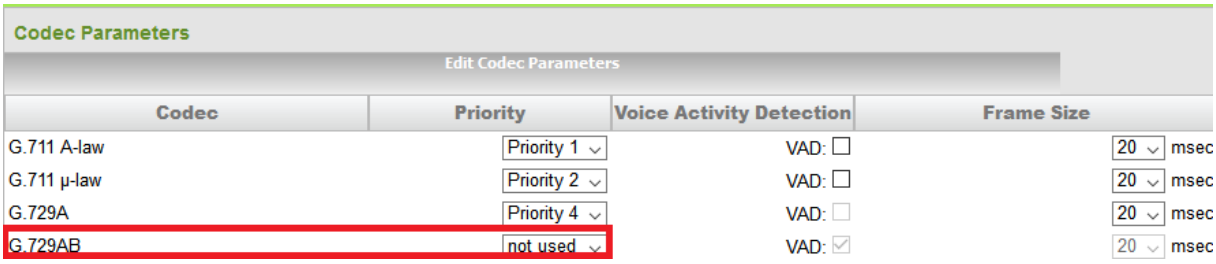


In case status LED is orange there is something wrong in the previous configuration.

After this status page the dialog with „Exchange Line Seizure“ is displayed.

Here you need to configure your own local area code. This is needed to make external calls without the area code. The LCR will be adapted accordingly.



Remarks:

Since G729 is not supported, it must be deactivated in Codec Parameters: