

OpenScape Business V3

How to Configure SIP Trunk for X2Com België

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Table of History

Date	Version	Changes
18.03.2020	1.0	First version
10.09.2024	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.

Configuration Data

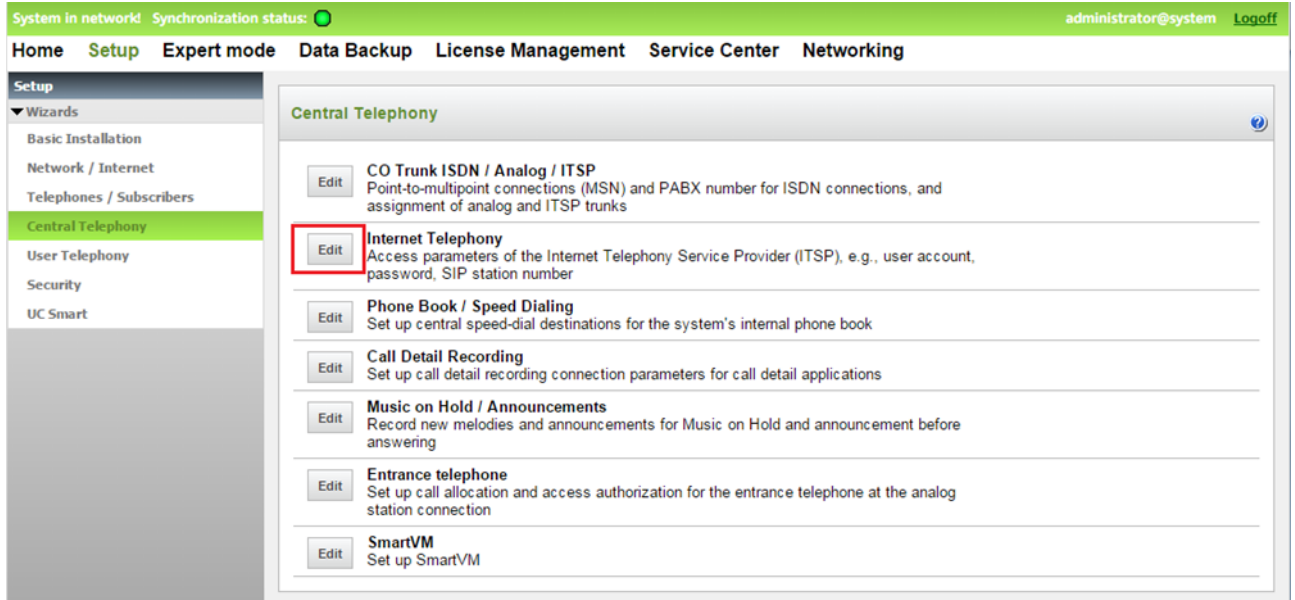
Information from ITSP **X2Com** België provided

Name	Example
Call Number:	(02) 4670525.....4670537
SIP Username:	3224670529
SIP Password:	*****
Number of voice-channels:	2

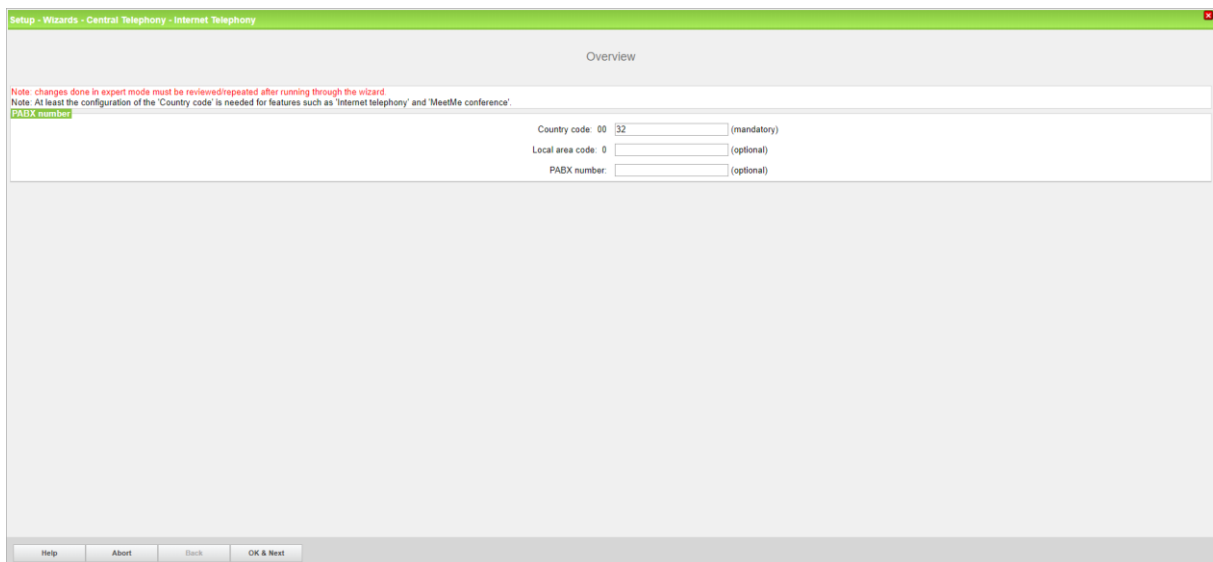
Configuration Wizard

Internet Telephony

Go to „Central Telephony – Internet Telephony“

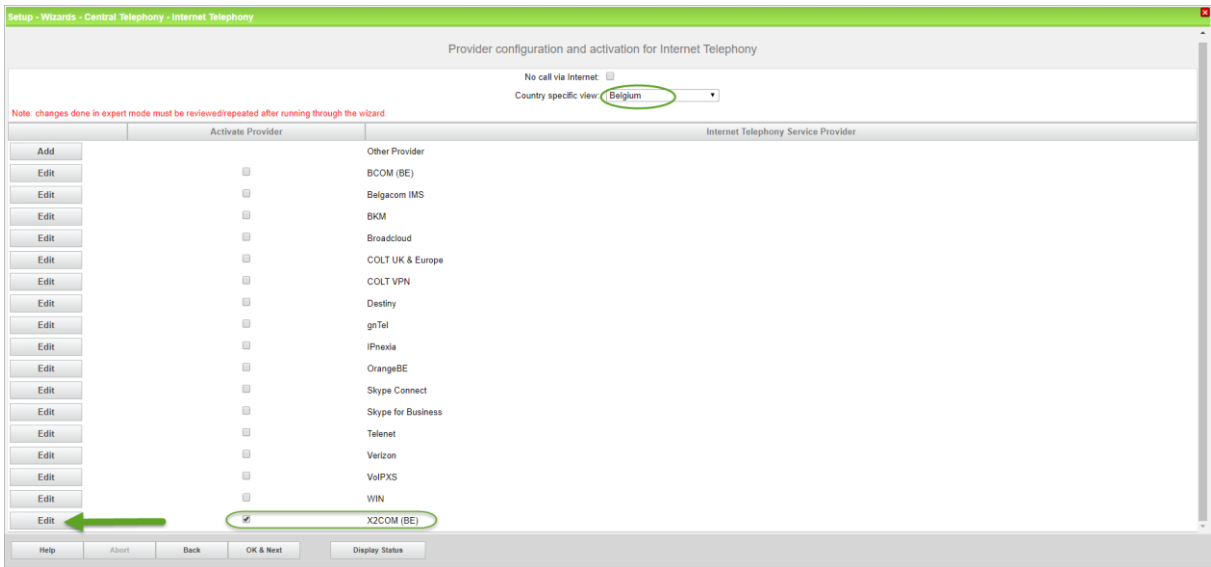


The overview page appears for entering the location data. The most flexible type of configuration is to enter the Country code only.



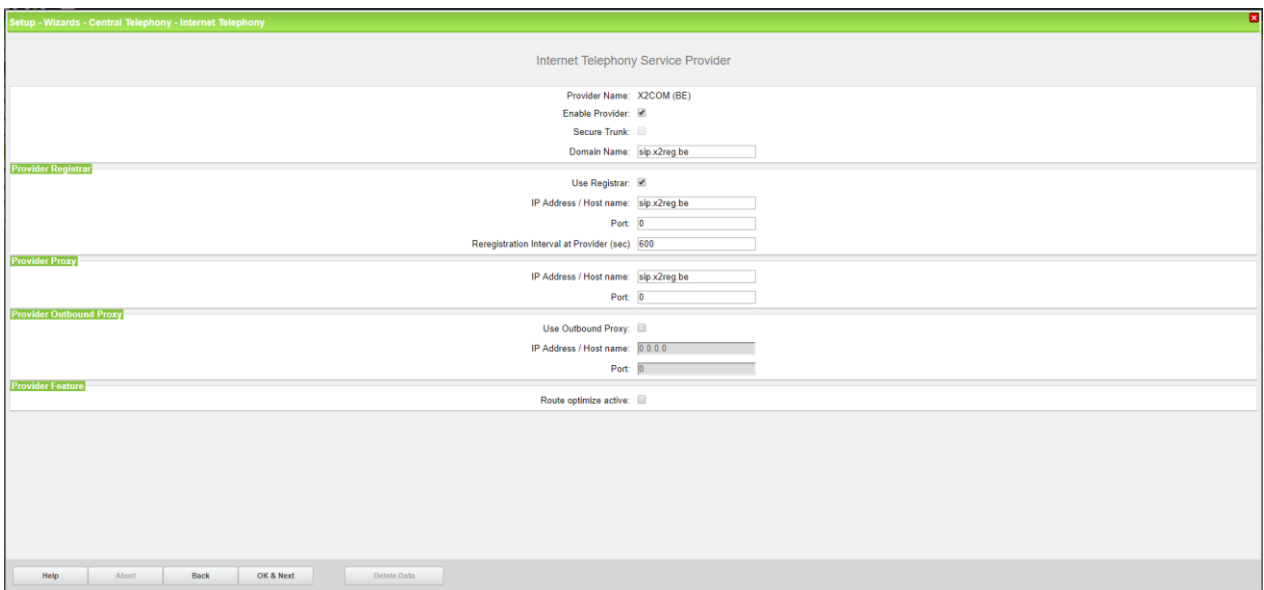
In this case, remaining digits are filled in DID field.
Click [OK & Next]

Provider configuration and activation for Internet Telephony -> No call via Internet -> uncheck Use County specific view : Belgium and select **X2COM (BE)**.



Activate Provider and click on [Edit].

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

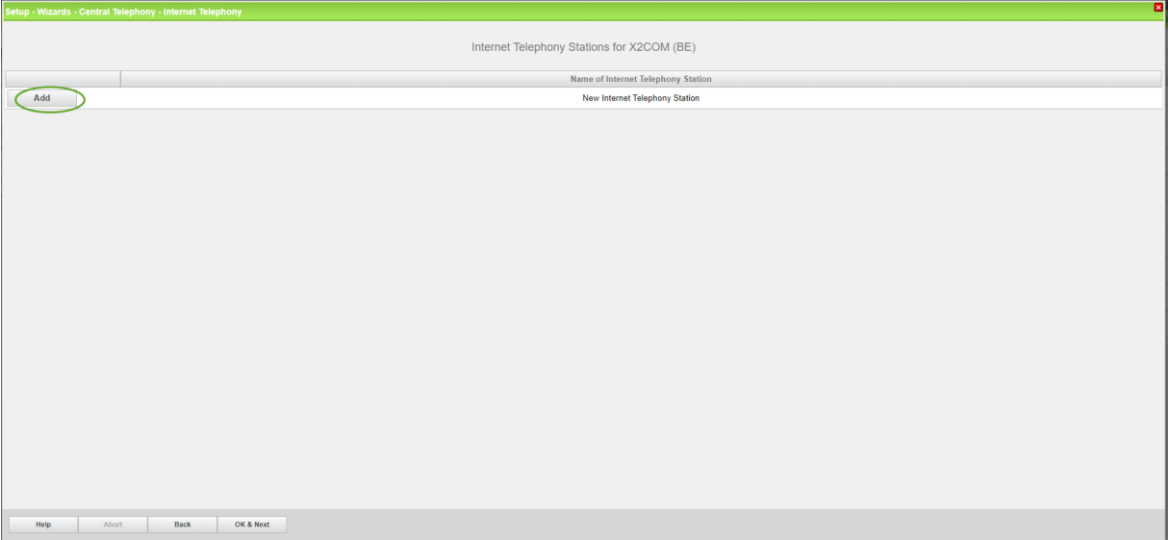


Only in case Call deflection has to be used, the flag “Route optimize active” needs to be activated. In this case an external call forward will be done by the provider and the trunk channels in the system will remain free.

Click [OK & Next]

Internet Telephony configuration

In this dialog the specific customer SIP Userdata will be configured.



Click on [Add].

Data provided by ITSP **X2Com** België is inserted here.

- Internet telephony station: “Gebruikersnaam” is inserted here (e.g. 3224670529)
Authorization name: “Gebruikersnaam” is inserted here (e.g. 3224670529)
Password: “Wachtwoord” provided by ITSP X2Com 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: Has to be used in case more then one account of the same provider (in this case BCOM) 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 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).

Internet Telephony Station for X2COM (BE)

Internet telephony station: 3224670529
Authorization name: 3224670529
Password:
Confirm Password:

Call number assignment

Use public number (DID) → Use public number (DID)
Use internal number (Callino) / Single entries
Use internal number (Callino) / Range entry

ITSP-multiple route:
Default Number: 32215690120

Default Number
ITSP as primary CO access
Enter one of the call numbers supplied by your network provider here. This will be used in outgoing calls as the calling party number in case no other number is available for the respective call.
All call numbers supplied by your network provider are to be entered within the trunk and telephones configuration (DID field) primary CO access.

Help About Back OK & Next Delete Data

Click [OK & Next].

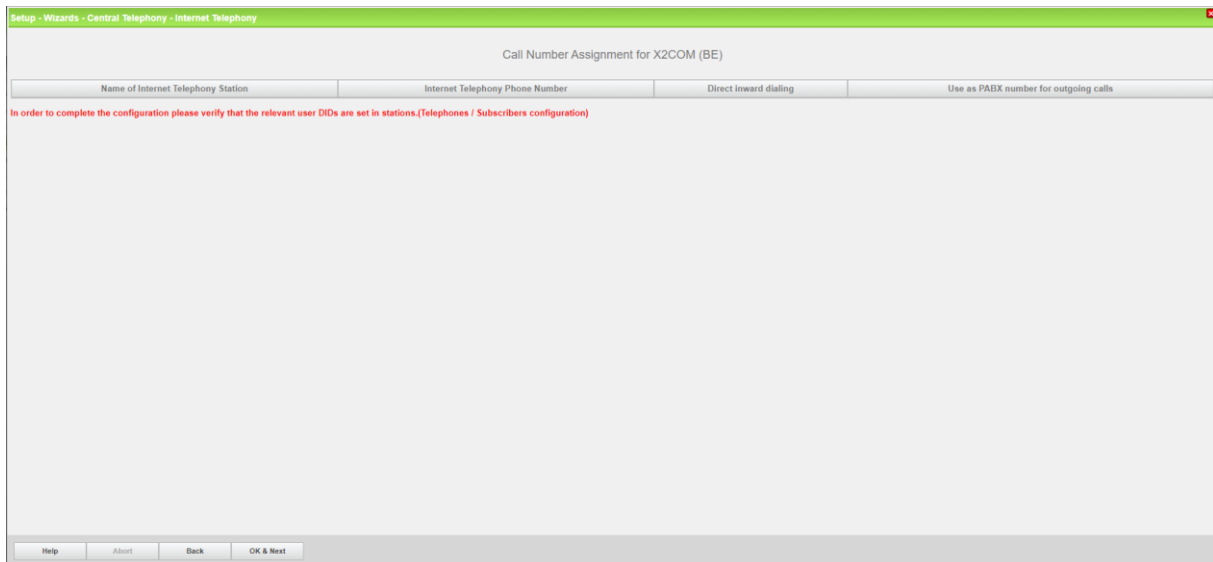
Internet Telephony Stations for X2COM (BE)

Name of Internet Telephony Station
3224670529

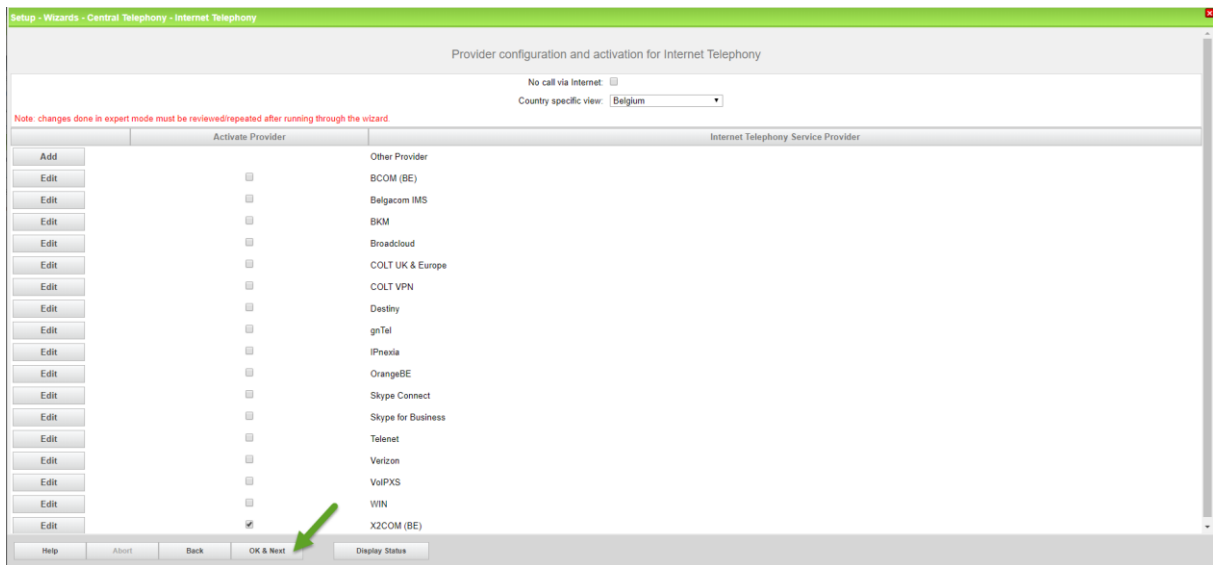
Edit

Help About Back OK & Next Delete Data

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.

Settings for Internet Telephony

Simultaneous Internet Calls

Available Lines for ITSP: 197

Please enter in field 'Upstream up to (Kbit/sec)' the Upstream of your Internet connection communicated by your Provider. You have typed in
Upstream up to (Kbps) = 800

In the 'Change Feature -> Internet Telephony' Assistant. This upstream allows you to conduct up to 6 Internet phone calls simultaneously. If the call quality deteriorates due to the network load, you will need to reduce this number of simultaneous calls.

The number of simultaneous Internet Calls also depends on the licensing.

Upstream up to (Kbps): 800

Number of Simultaneous Internet Calls: 6

100 %

Line assignment

Internet Telephony Service Provider	Configured Lines	Assigned Lines
X2COM (BE)	0	6

Help Abort Back OK & Next

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.

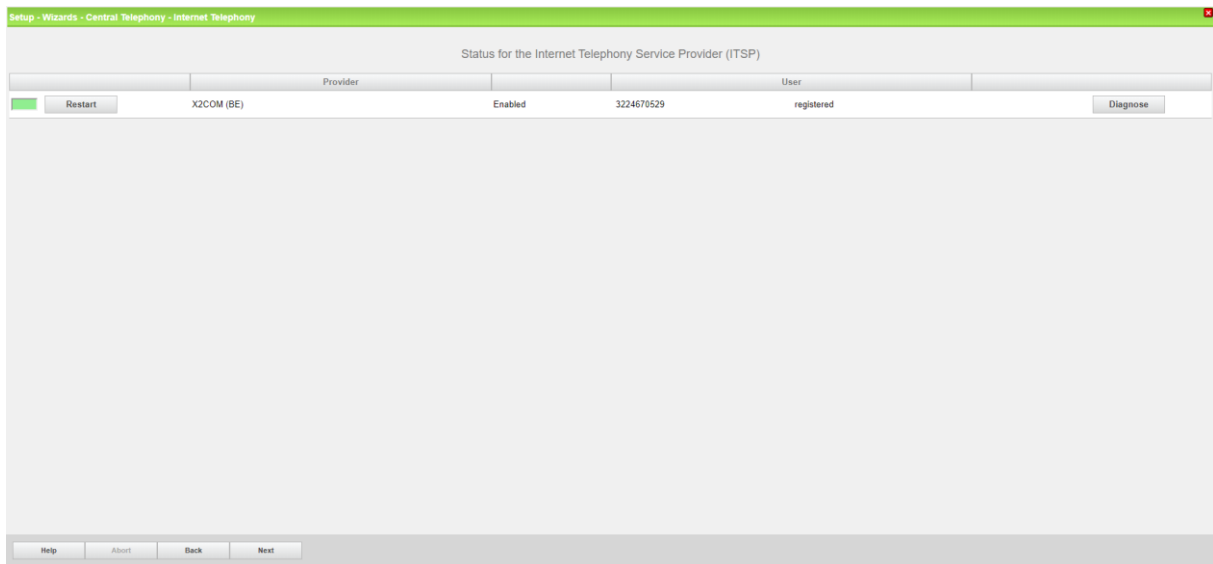
Special phone numbers

Note:
Please make sure that all special call numbers are supported by the selected provider without fail.

Special phone number	Dialed digits	Dial over Provider
1	0C112	X2COM (BE) ▾
2		X2COM (BE) ▾
3		X2COM (BE) ▾
4		X2COM (BE) ▾
5		X2COM (BE) ▾
6		X2COM (BE) ▾
7		X2COM (BE) ▾
8		X2COM (BE) ▾
9		X2COM (BE) ▾
10		X2COM (BE) ▾
11		X2COM (BE) ▾
12		X2COM (BE) ▾
13		X2COM (BE) ▾
14		X2COM (BE) ▾
15		X2COM (BE) ▾

Help Abort Back OK & Next

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.

