# OpenScape Business

How to Configure SIP Trunk for Voiceworks MEX

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# **Table of History**

Date	Version	Changes
11.04.2017	1.0	First version
26.06.2017	1.1	Delete the expert mode paragraph
06.09.2024	1.2	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.

#### **Information**

# **Trunk Configuration Data provided by Voiceworks MEX**

The configuration data needed to setup the SIP trunk can be found on the Voiceworks Operator Web Portal under Voiceconnect:

#### ALGEMEEN

KANAALNAAM	27875vc01
WACHTWOORD	********
AFZENDERNUMMER	0267600097
NETNUMMER	026
CALL-LIMIT	2
LAND	The Netherlands

#### STATUS

USERAGENT	OpenScape Business M5T SIP Stack/4.2.12.14	
HOST	89.184.187.124:5080	
PEER	89.184.168.162:37956	
CONTACTPERSOON	192.168.66.2	

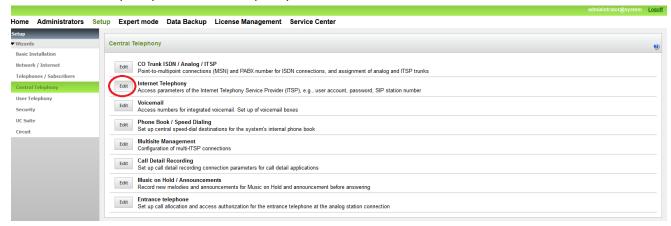
#### VOICE CONNECT

DTMF	rfc2833
G729 CODEC	Nee
T38 CODEC	Nee
DOORSCHAKELFACILITEITEN	Nee
REMOTE-PARTY-ID	Nee
PROGRESS INBAND	Nee
CALLERID IN DISPLAYNAME HEADER	Ja
CLIP METHODE	Dynamisch in From header
CLIP METHODE CLIP LENGTE	Dynamisch in From header  10-cijferig
CLIP LENGTE	10-cijferig
CLIP DENY	10-cijferig Nee
CLIP LENGTE CLIP DENY DID LENGTE	10-cijferig Nee 9-cijferig
CLIP LENGTE  CLIP DENY  DID LENGTE  DID IN TO HEADER	10-cijferig Nee 9-cijferig Ja

# **Configuration Wizard**

# **Internet Telephony**

Go to Central Telephony – "Internet Telephony"

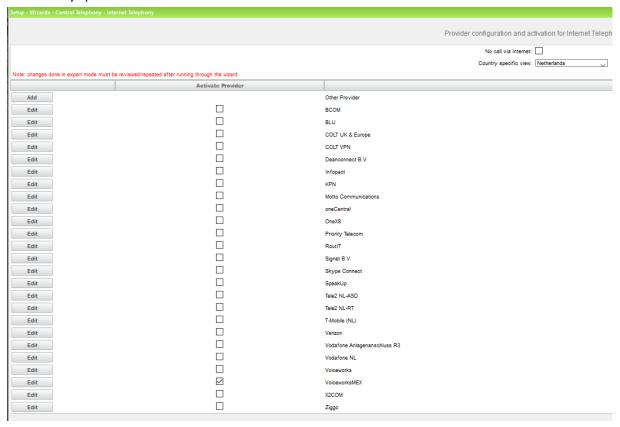


The overview page appears for entering the location data. The most flexible type of configuration is to enter the Country code only.



Click [OK & Next].

Provider configuration and activation for Internet Telephony -> No call via Internet -> uncheck Use County specific view: Netherlands and select "VoiceworksMEX".



Activate Provider and click on [Edit].

On the next page you can activate the ITSP.

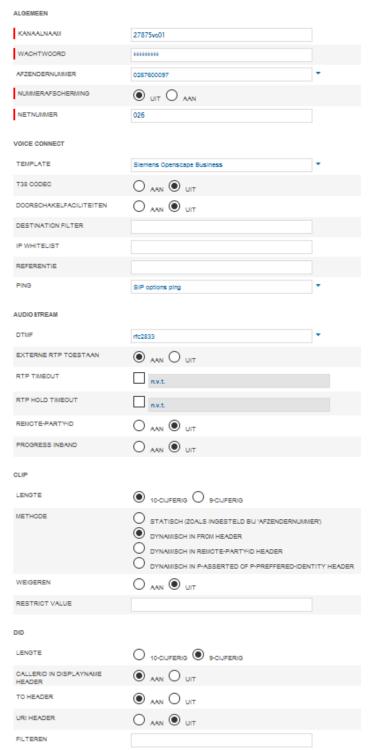
Click [OK & Next].

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

# Internet Telephony Stations for VoiceworksMEX Name of Internet Telephony Station Add New Internet Telephony Station

Click on [Add].

#### Data provided on the Voiceworks Operator Web Portal:



The data provided on this page are used to fill the following fields:

Internet telephony station: Kanaalnaam is inserted here (e.g: 27875vc01)

Authorization name: Kanaalnaam is inserted here (e.g: 27875vc01)

Password: Wachtwoord provided by Voiceworks Operator

**Default number:** Main number of connection. The default number is used as outgoing

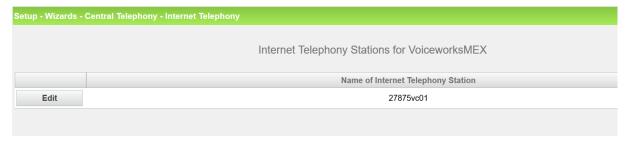
number when no DDI number is assigned to a station. (e.g:

0140199100). The MEX Number is as configured in

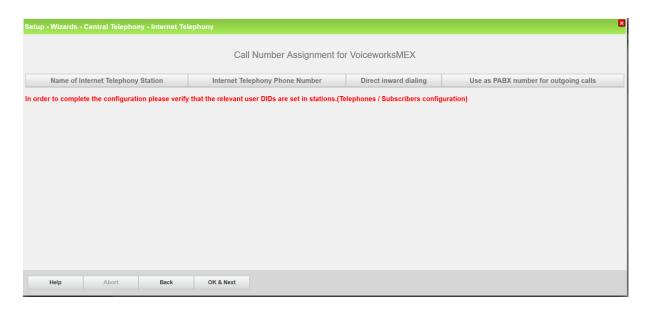
VoiceworksOperator.

Setup - Wizards - Central Telephony - Internet Telephony	
Internet Telephony Star	tion for VoiceworksMEX
Internet telephony station:	27875vc01
Authorization name:	27875vc01
Password:	•••••
Confirm Password:	
Call number assignment	
Use public number (DID)	•
Use internal number (Callno) / Single entries	0
Use internal number (Callno) / Range entry	0
If using 'configurable clip' you have to change the Changing trunk parameters in case of	
Default Number:	0140199100
MEX Number:	35800
Default Number	

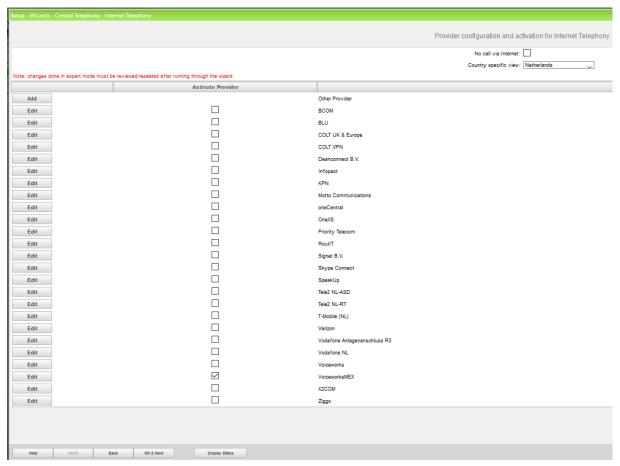
Enter the relevant data and click [OK & Next].



Click [OK & Next]



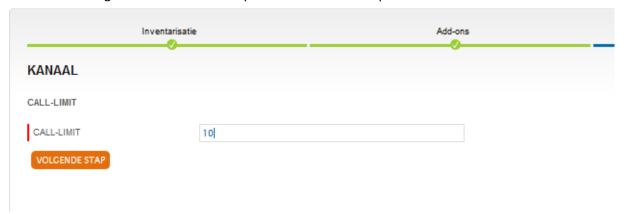
Click [OK & Next] (no input needed)

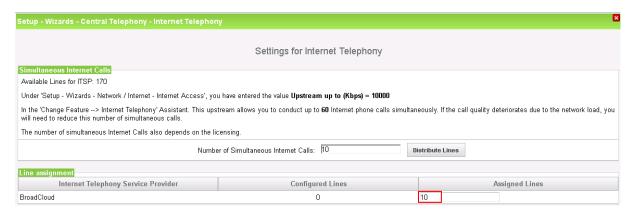


Click [OK & Next]

#### 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 Voiceworks Operator Web Portal.





Click [OK & Next]

#### Special phone numbers

Click [OK & Next]

On next page status of ITSP is displayed.



Click [Next]

"Exchange Line Seizure":

Select which trunk will access code 0. 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]

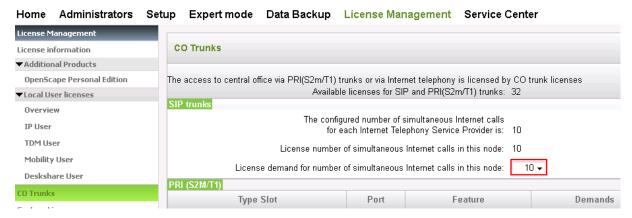
# **DID** configuration

No special DID is needed.

# **Additional Configuration**

#### License

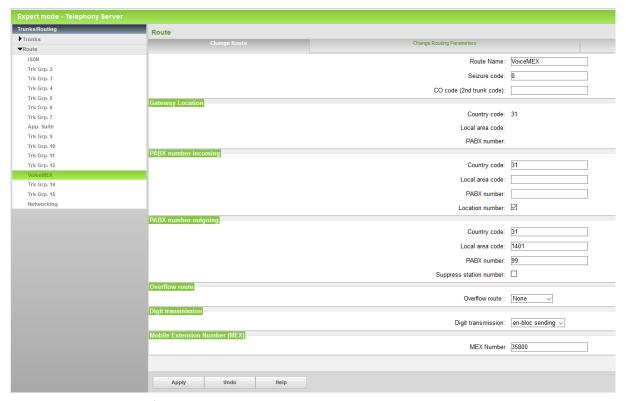
Add the "S2M/SIP Trunk" license to the SIP-Trunk



#### **Route configuration**

The route configuration will be created automatically. It should look like below.

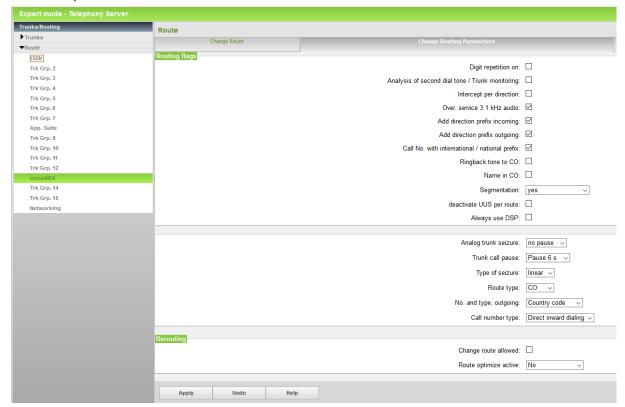
Best praxis is to enter the default Access Code in the field "Seizure code", enter the Country code for the PABX number-incoming and select Location number.



The MEX number is configured the same as in Voiceworks Operator.

The PABX number outgoing is configured in international format and the same as set in the MEXaccount in Voiceworks Operator.

#### The route parameters:

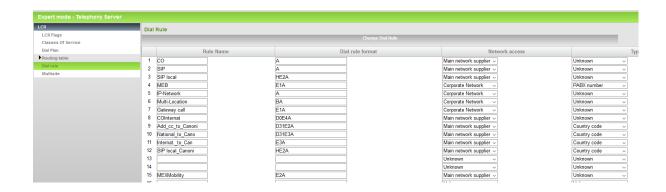


# LCR changes (mandatory)

On the LCR page in expert mode it is mandatory to route the Mobility users to the MEX provider as shown below.

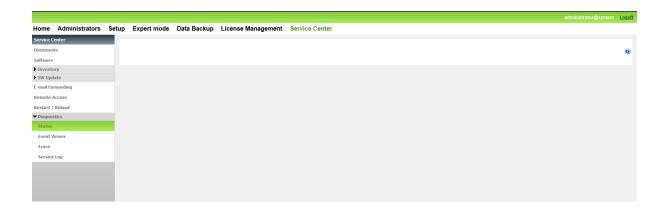


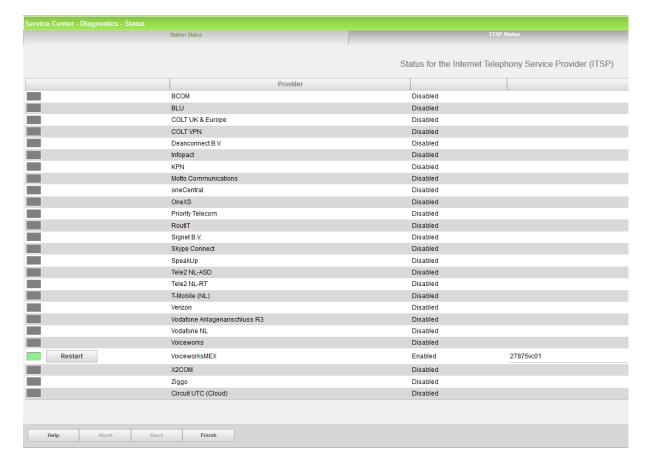




#### How to check the status of SIP connection with VoiceworksMEX

"Status" provides information about the registration status of the ITSP. The ITSP registration can also be restarted here.





#### **Known restrictions:**

The MEX-trunk may be used for mobility clients only!

The MEX-trunk may never be used as backup or failover for the default trunk or ISDN.

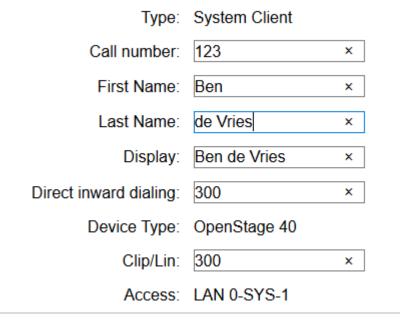
No default voice traffic may be offered through this trunk.

- 1) LCR-rules as shown above are mandatory.
- 2) The Cellphone SIM-cards of all the mobility clients must be registered under the same Voiceworks account as the MEX-trunk, this is mandatory by Voiceworks.
- 3) As the MEX-protocol views the incoming calls as internal calls it should be taken into account that if a user's CLIP is different from his internal number this will cause the user to be unreachable for the Mobility-user.

For Example, the user as shown below is preferable since his CLIP and internal number are the same.

Type:	System Client	
Call number:	300	X
First Name:	Theo	X
Last Name:	Mahu	X
Display:	Theo Mahu	X
Direct inward dialing:	300	X
Device Type:	OpenStage 40	
Clip/Lin:	300	X
Access:	LAN 0-SYS-1	

The user below her will be unreachable if the mobility client dails from his 'missed calls'.



- 4) By a normal SIP trunk the CLIP is shown to the other party, and the DDI is used for incoming traffic.
- 5) By this MEX trunk the CLIP is shown to the other party (Mobility user) but the internal number is used for incoming calls from the Mobility user.
- 6) Mobility users are configured as described in the document Administration\_V2\_R2.1.0\_269.pdf, chapter 18.2.2 and can use the normal Mobility Entry features (DISA) or the MyPortal app. By a OpenScape Business X is a maximum of 16 simultaneously who can reserve a DTMF code receiver. By a OpenScape S is the maximum 180 receivers.

# **Appendix**

