OpenScape Business V2

How to Configure SIP Trunk for Telia Denmark

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Table of History

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01-12-2016	1.1	Created document tmj@jansson.dk		
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		Telia document removed		
09-02-2017	1.6	Information on COLP and 112	tmj@jansson.dk	
14-03-2017	1.7	Information on CLIP no screening	tmj@jansson.dk	
04-04-2017	1.8	Mail from ITSP	tmj@jansson.dk	
25-04-2017	1.9	Screenshot corrections	UNIFY	
25-04-2017	2.0	Final layout for release	UNIFY	

Configuration Data

Information from ITSP Telia Denmark provided:

Name of Customer Related Data	Example	Used in Field of OSBiz-WBM	Needs to be configured
Call Number:	88804090-99		
Number of DIDs	10		
SIP Domain	VPN IP provided by ITSP	SIP Domain Name:	х
Registrar	VPN IP provided by ITSP	SIP Provider Registrar	
		SIP Provider Proxy	x
Account:	88804090	Internet Telephony Station	х
SIP Username:	88804090	Authorization Name:	
SIP Password:		Password & (Confirm Password)	
Number of voice- channels:	8	Assigned Lines	х

Important information:

COLP is NOT supported by ITSP (This can be changed by the ITSP in the future)

ITSP need to have +45 I front of 112 and other service numbers (This can be changed by the ITSP in the future)

CLIP no screening is deactivated by default, so Telia may invoices on DID numbers level, this has the consequence that a-number does not appear when making an external enquiry or transfer of calls, and you cannot show number unknown to the ITSP.

If CLIP no screening is needed, you need to disable Diversion: PAI contains original Calling Party Number and activate CLIP no screening, billing of calls will then be at the ITSP account number.

Mail you will receive from ITSP

Hi,

Your SIP Trunk is now ready for test:

IP address to be used for SIP signalling and RTP: ...

(Please note that this IP address will not answer ping and that it is only to be used for SIP phone traffic with Telia)

IP address to be used for ping test: ...
(Please note that this IP address is only used for ping test)

We kindly ask you to ping test the SIP Trunk and to let us know whether the test was successful.

After that, you may test outgoing and incoming calls with your test number range 88XXXXXX – 88XXXXXX, which we have reserved for this SIP Trunk.

Attached you find a document containing the technical specifications for Telias SIP Trunk. The last page of that document is a form to be used for testing the various call scenarios which we recommend to test.

Please let us know in advance when you are going to do your test calls, so our technical department can be ready to make traces of your calls.

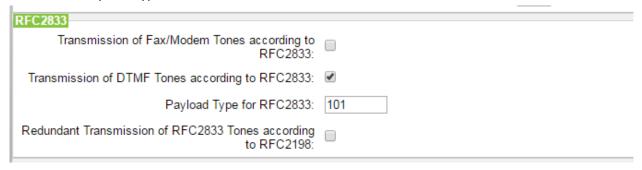
After that, we will let you know whether your calls are setup in accordance with the specifications of the SIP Trunk, and whether it can be taken into use with your "real" number ranges.

Billing for this SIP Trunk will start 5 days from now.

Mandatory Expert mode Configuration

DTMF Payload type

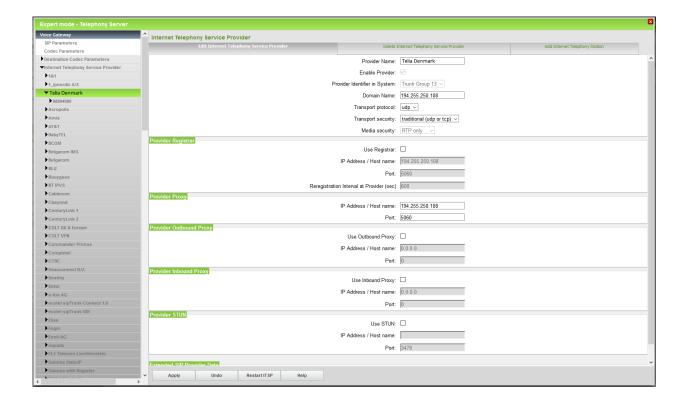
Go to Expert Mode \rightarrow Telephony Server \rightarrow Voice Gateway \rightarrow Codec Parameters RFC2833 \rightarrow Payload Type for RFC2833: **MUST** be set to 101.



ITSP settings

Go to Expert Mode → Telephony Server → Voice Gateway → Internet Telephony Server Provider And select the provider Telia Denmark

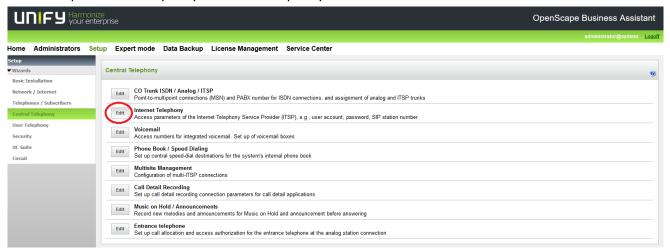
Then fill in Domain Name and Provider proxy, this is provided by ITSP in a mail. {IP address to be used for SIP signalling and RTP}



Configuration Wizard

Internet Telephony

Go to Setup - Central Telephony - Internet Telephony - Click Edit



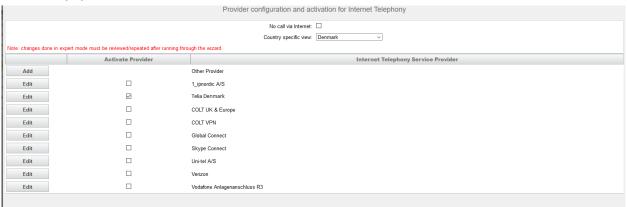
Enter Country code



Click OK og Next

Uncheck No call via Internet

Use County specific view, choose Denmark and Activate Provider - Telia Denmark.



Press the **Edit** button to configure your account.

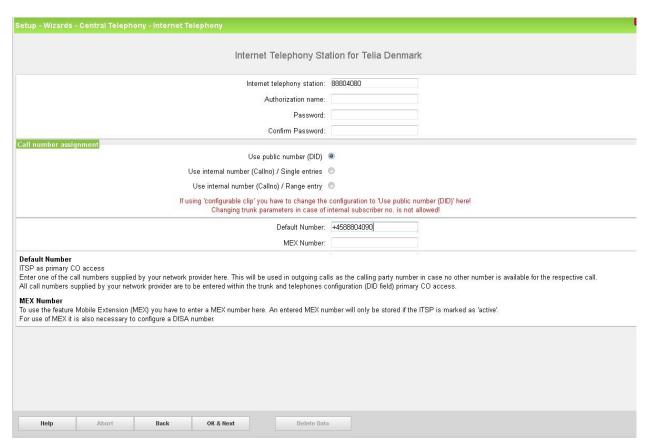


Press OK & Next

Enter the data provided by Telia Denmark.

For Internet Telephony Station use the first number from the range of pool Telia Denmark has provided you. Default Number must me set in E.164 format only (e.g+4588804090)

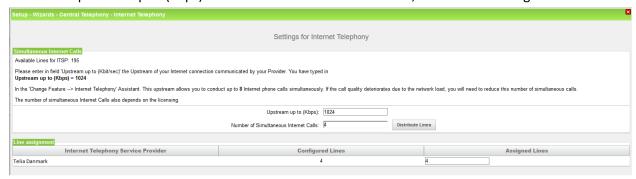
Authorization name, Password and Confirm Password are left empty



Click OK & Next four times

Simultaneous internet calls and upstream.

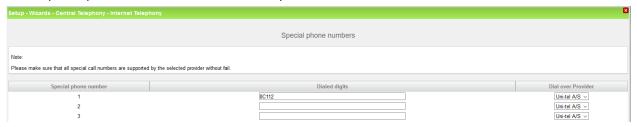
Enter the Upstream up to (Kbps) and Number of Simultaneous Calls, remember to assign lines.



Click OK & Next

Special phone numbers

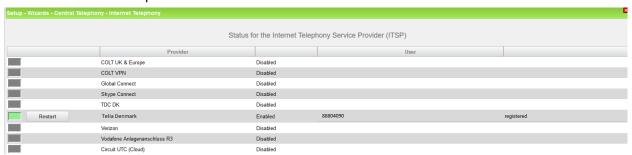
Enter special phone numbers here if necessary.



Click OK & Next

Status for the Internet Telephony Service provider (ITSP)

Check the status of the provider



Click Next

Exchange Line Seizure

Check if it's correct



Click OK & Next



Click OK & Next



Click Finish

DID configuration

IMPORTANT: DID needs to be 8 digits.



Additional manual Configuration

LCR

