OpenScape Business V3

configure SIP Trunk for Virtual-Call
- Austria
- Brazil
- Germany
- Spain
- Switzerland
- United Kingdom

OpenScape Business V3 Mainboard Family
OpenScape Business S

About this document

This configuration guide describes an example of how to set up the SIP trunk ***Virtual-Call*** as an ITSP connection to the OpenScape Business.

Note: The basis for this document is the current OpenScape Business V3R4. 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.

System	OpenScape Business
Released with Version	*V3R4*
Virtual-Call	**Features & Capabilities**
Account (DID/Client)	*DID*
Multisite	*yes - dedicated trunk (multiple registration)*
CLIP / CLIR	*yes*
CLIP no Screening	*no*
COLP	*no*
Call Forwarding (302)	*yes*
DTMF (RFC2833/4733)	*yes*
Codecs G.722/G.711/G.729	*no / yes / no*
T.38 Fax	*yes*
Secure trunk	*no*

Remarks:

The SIP trunk ***Virtual-Call*** is released for:

- OpenScape Business V3 Mainboard Familiy
- OpenScape Business S

OpenScape Business requires call routing via the media unit bundles (RTP proxy) to be activated by ***Virtual-Call***.

IP Address Table

№	IP		Type
1	132.145.244.68	Signaling	SIP Cluster
2			
3	132.145.235.152	MuBundles	Media Unit Bundles
4	132.145.232.74		
5			
6			
7	Media Unit bundles are used in RTP traffic exchange, initiating calls, etc.		
8			

Option for Backup Routing of incoming calls in case of internet failure

CLIP no Screening requires to deactivate the Backup Routing option "Overriding Identity" by the ***Virtual-Call*** support.

Otherwise, the CLIP number is replaced with the main number.

The ability to send or receive T.38 faxes depends on the characteristics of the remote station and is only available for IP system connections with activated T.38 codec.

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Table of History

Date	Version	Changes
03.12.2024	1.0	release ***Virtual-Call*** mit OpenScape Business V3R4

Information

The ***Virtual-Call*** SIP-Trunk will be released for the first time with OpenScape Business V3R4.

Trunk Configuration Data provided by Virtual-Call

The configuration data needed to setup the SIP trunk is available in the ***Virtual-Call*** customer portal https://my.virtual-call.net.

Configuration Wizard

Internet Telephony

Go to Central Telephony – “Internet Telephony“

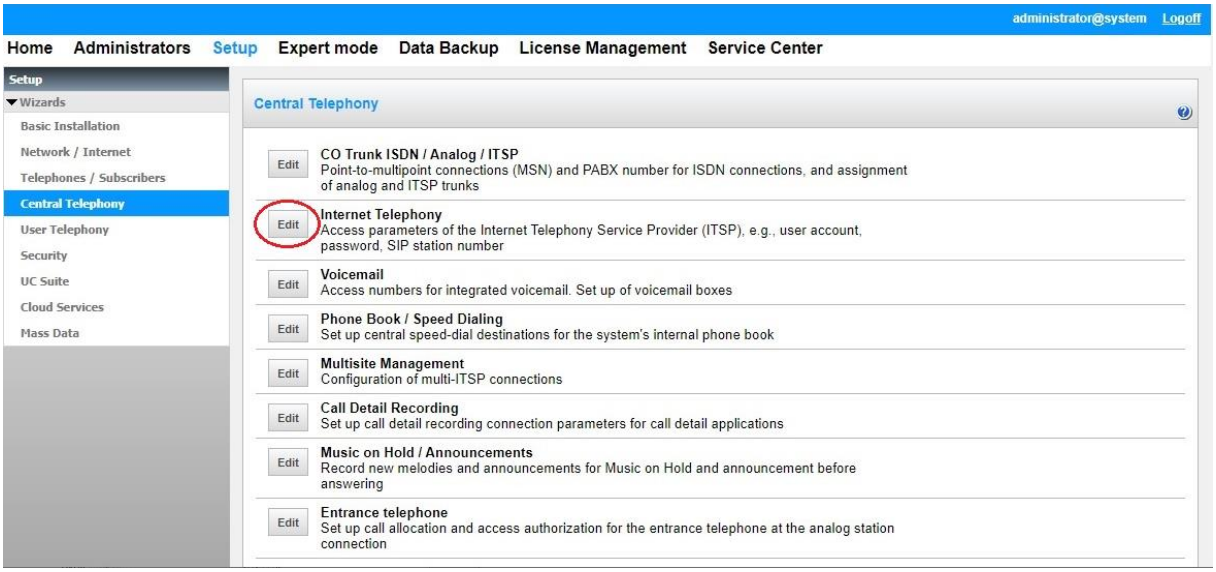

Figure 1

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

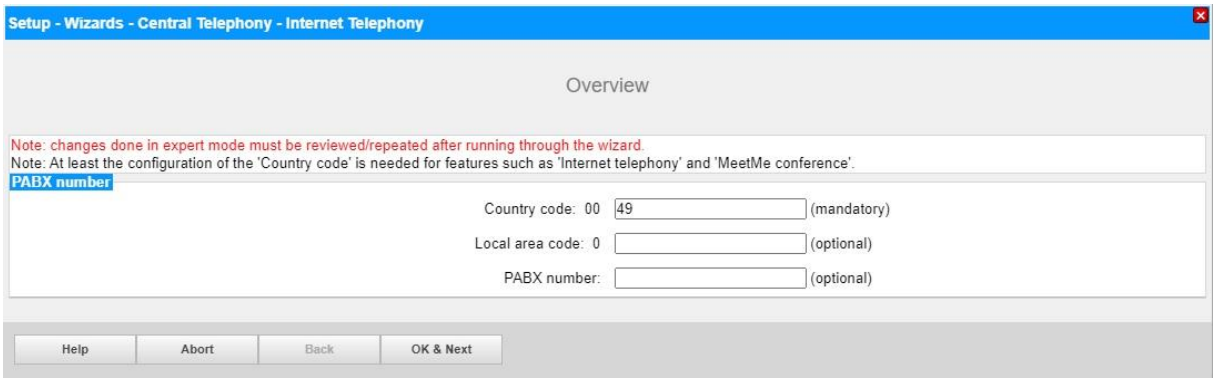

Figure 2

Click [OK & Next].

Provider configuration and activation for Internet Telephony

- No call via Internet -> uncheck
- Use County specific view: ***Germany*** and select ***Virtual-Call***

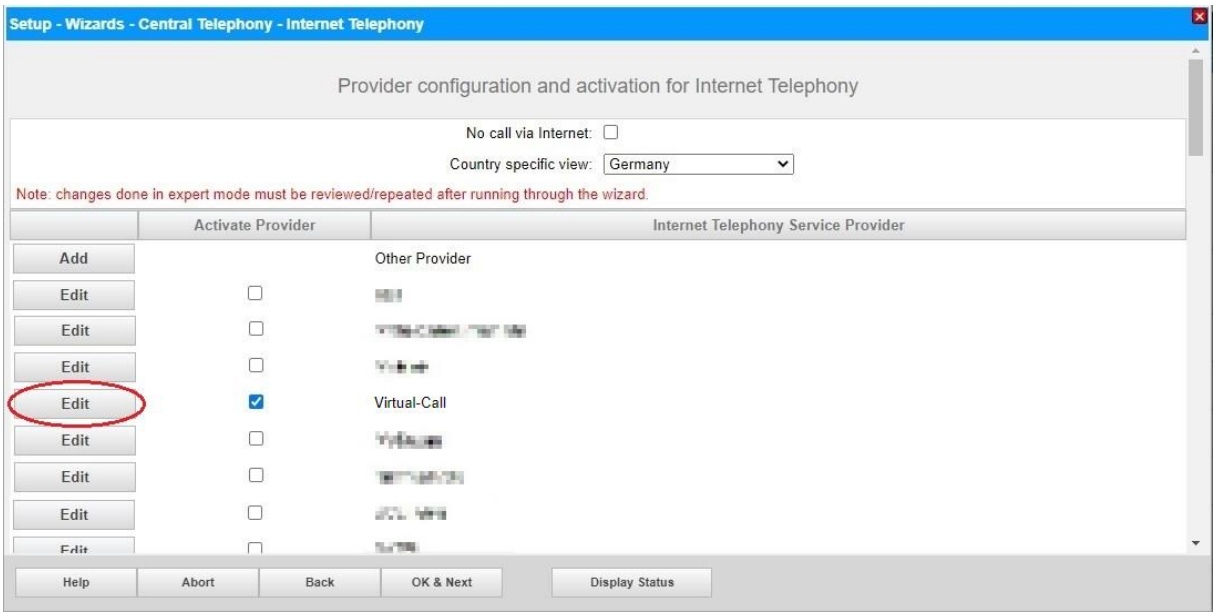

Figure 3

Activate Provider and click on [Edit].

On the next page **Domain Name**, **Provider Registrar** and **Provider Proxy** are preconfigured and need not to be changed (no input needed).

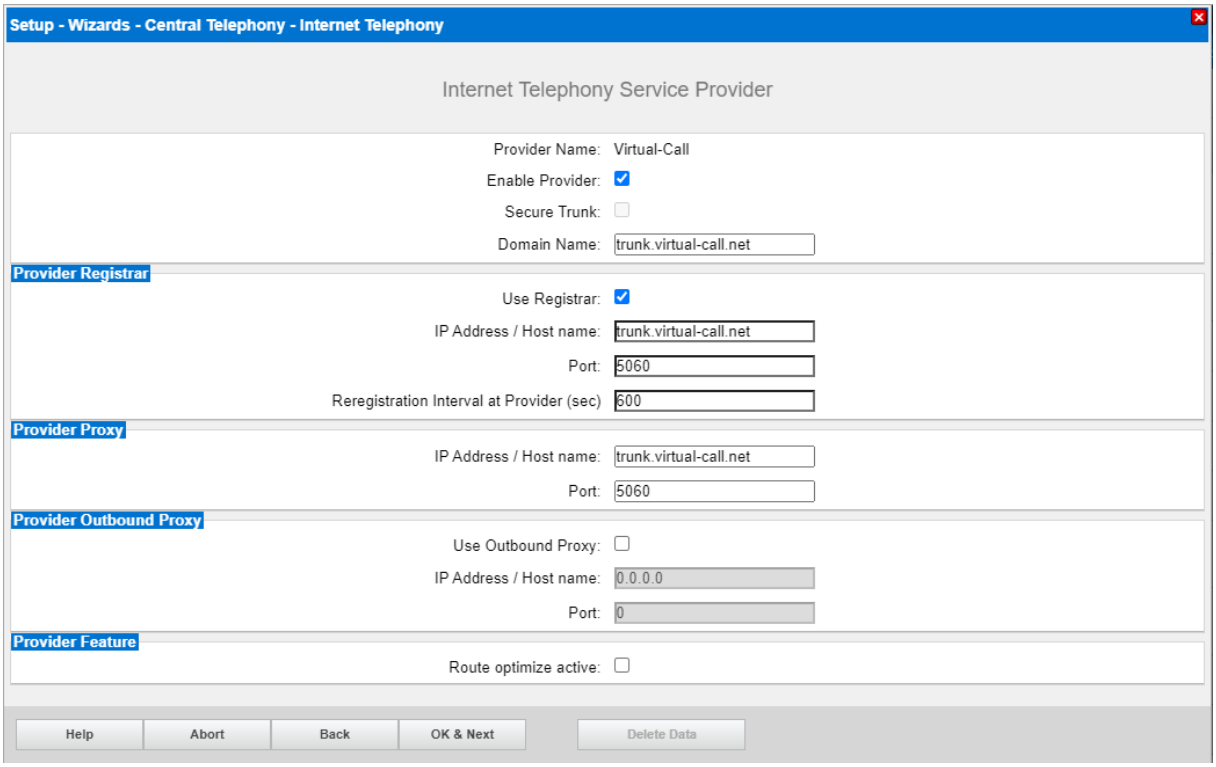

Figure 4

On this page the behavior of the features call forwarding can be controlled:

- "Rerouting active" deactivated (default) -> a call forwarding establishes a second connection and control of the call remains in the OpenScape Business.
- "Rerouting active" activated -> Rerouting takes place in the Central Office during a call forwarding (SIP 302) and control of the call remains with the Central Office.

Click [OK & Next].

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

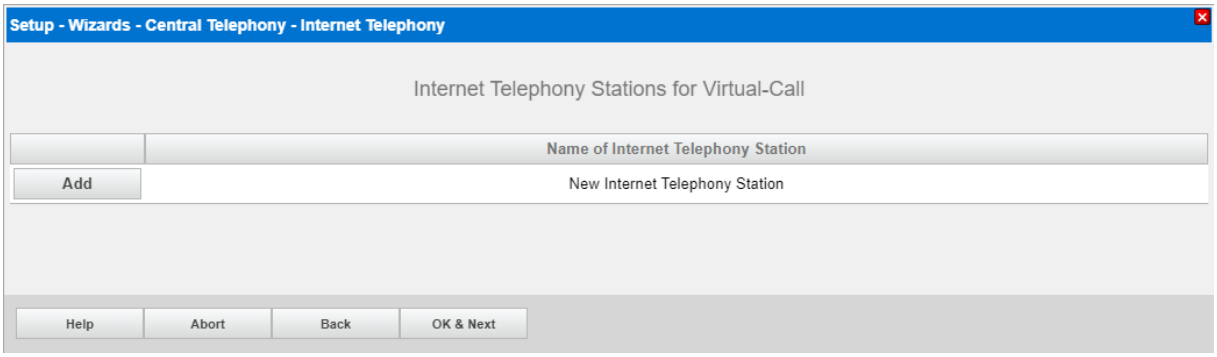

Figure 5

Click on [Add].

Data provided by the ***Virtual-Call*** via the customer portal.

Internet telephony station: **Username** is inserted here

Authorization name: **Username** is inserted here

Password: **Password** provided by ***Virtual-Call***

Default number: Main number of connection. The default number is used as outgoing number when no DDI number is assigned to a station. Usually, the **Lead Number** is entered here.

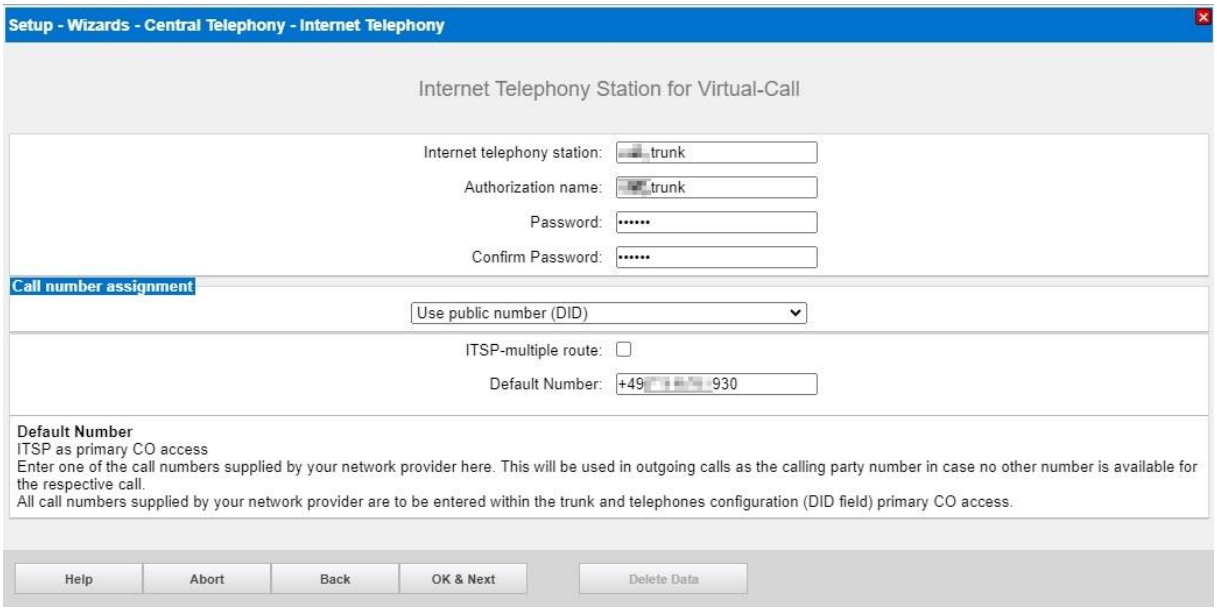

Figure 6

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

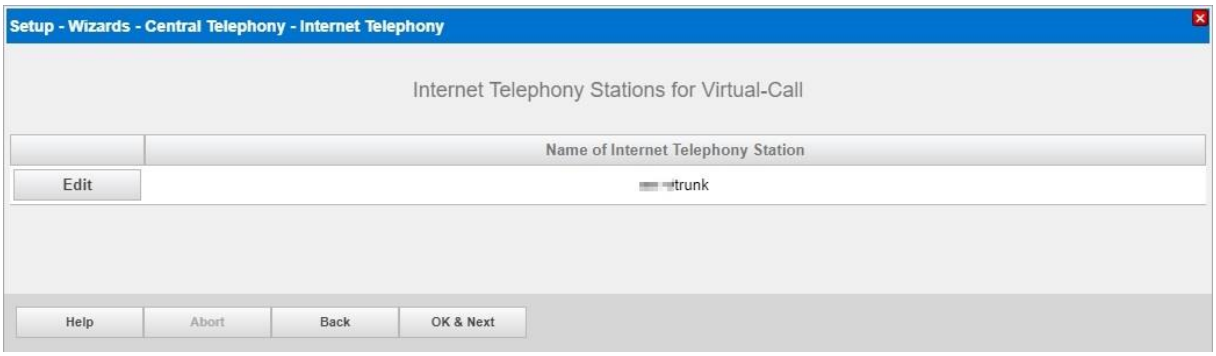

Figure 7

Click [OK & Next]

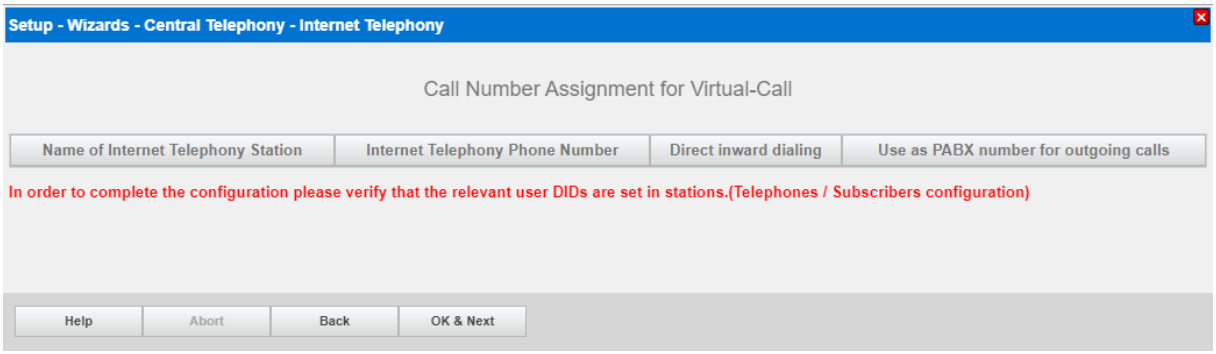

Figure 8

Click [OK & Next] (no input needed)

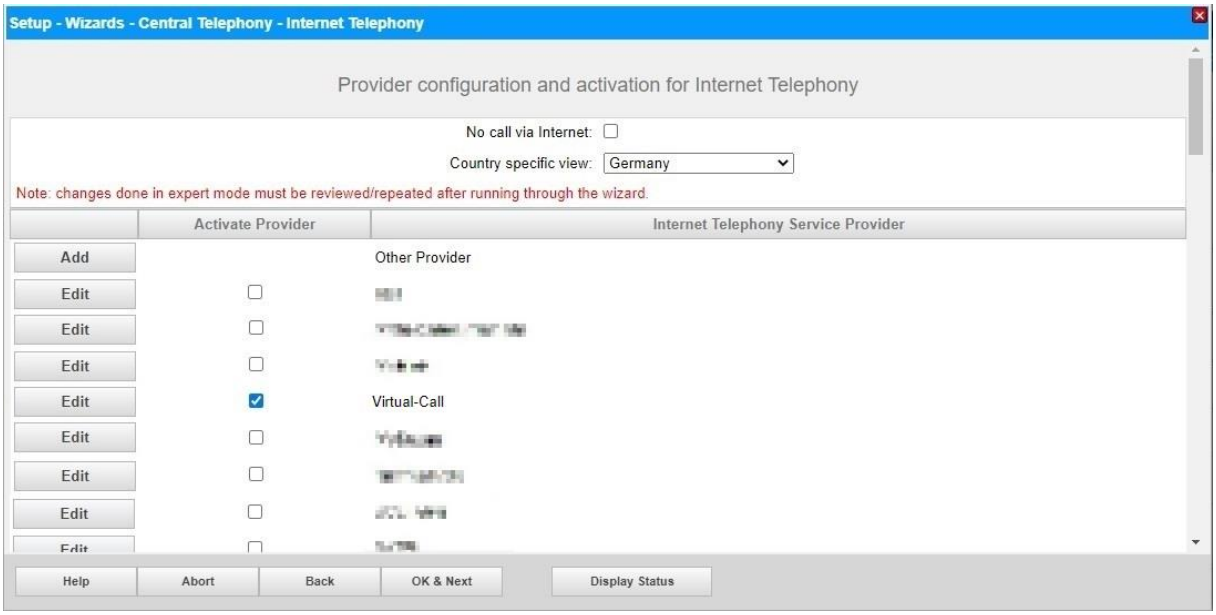

Figure 9

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 of the ***Virtual-Call*** Customer Portal.

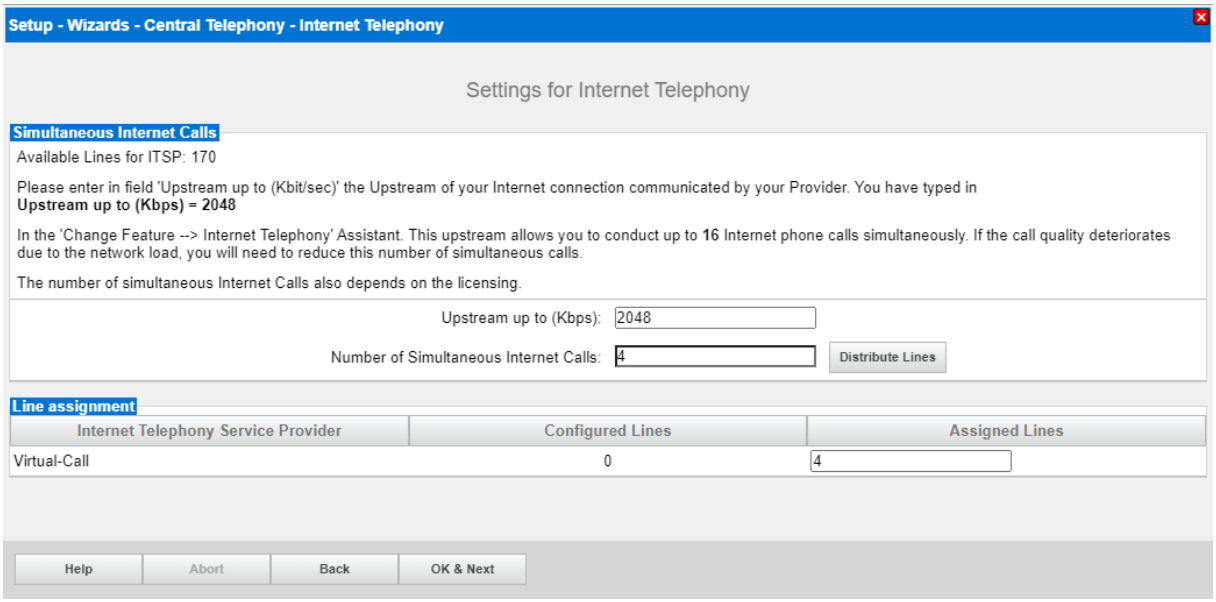

Figure 10

Click [OK & Next]

Special phone numbers

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

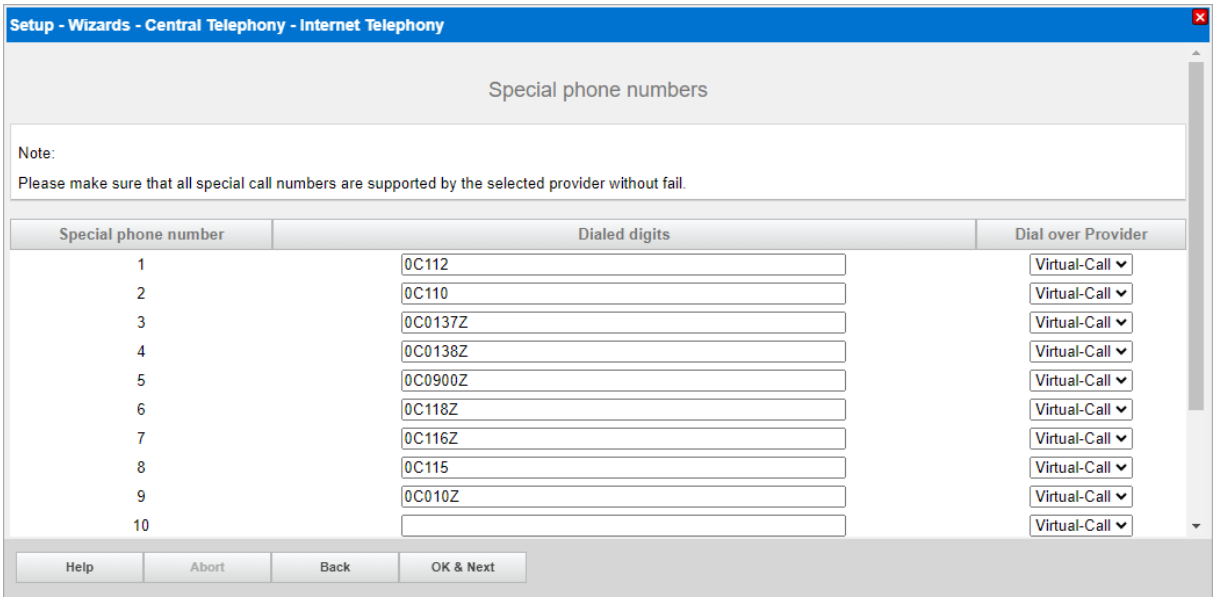

Figure 11

Click [OK & Next]

On next page status of ITSP is displayed.

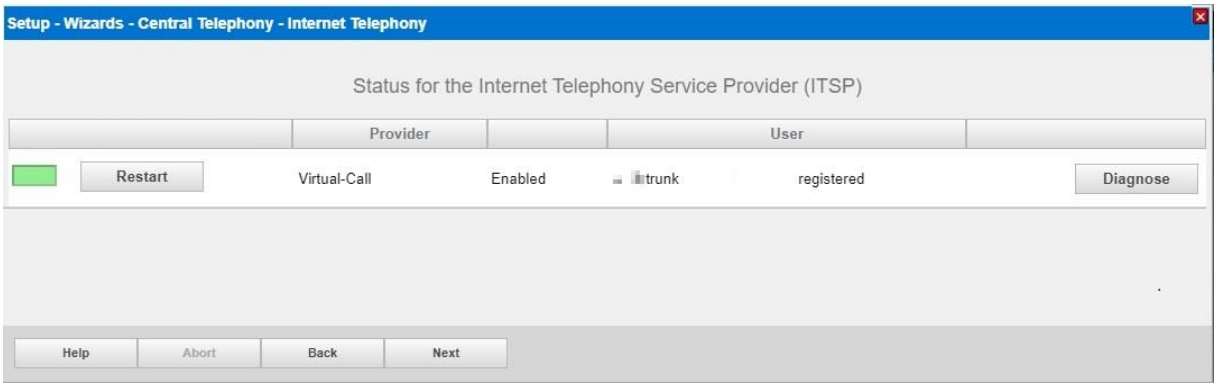

Figure 12

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)

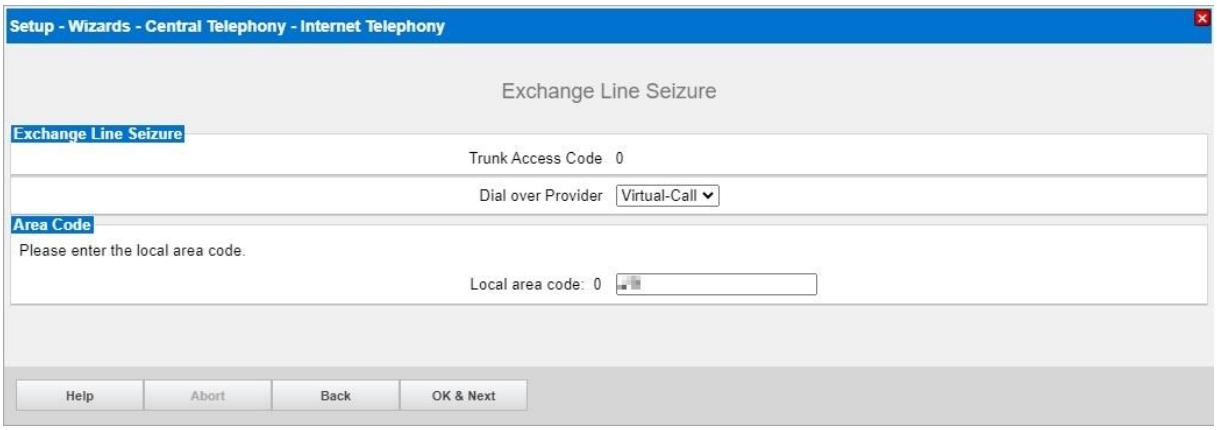

Figure 13

Click [OK & Next]

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

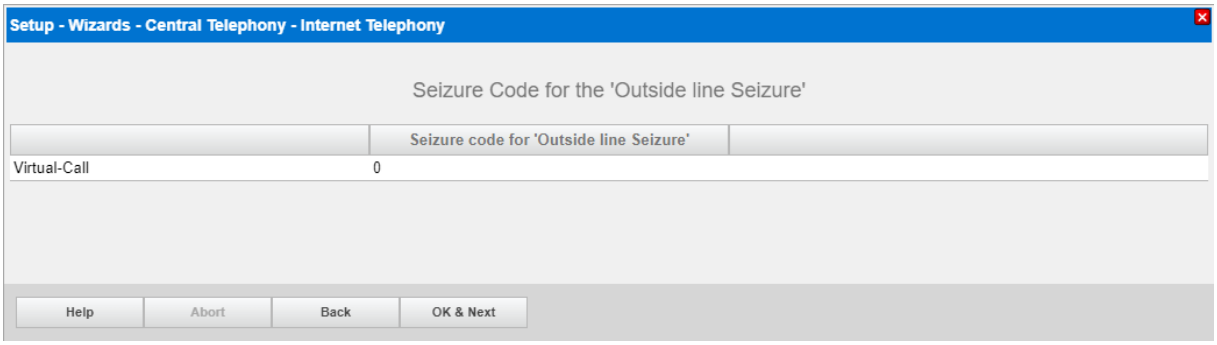

Figure 14

Click [OK & Next] and

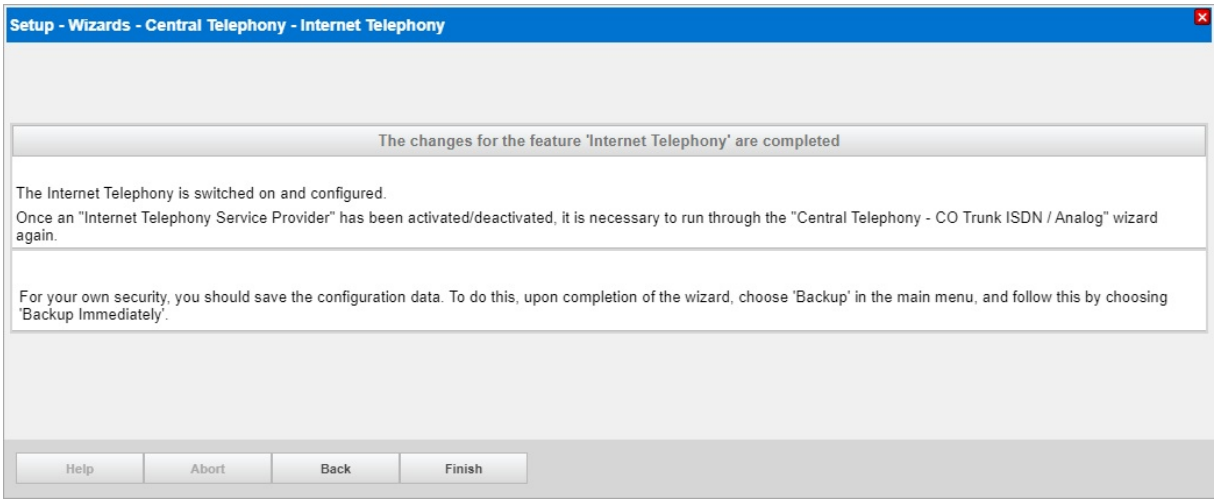

Figure 15

on the next page [Finish].

DID configuration

In the DID Section, the DID will need to be entered (remaning part without country code, and if configured without local area code, PABX number).

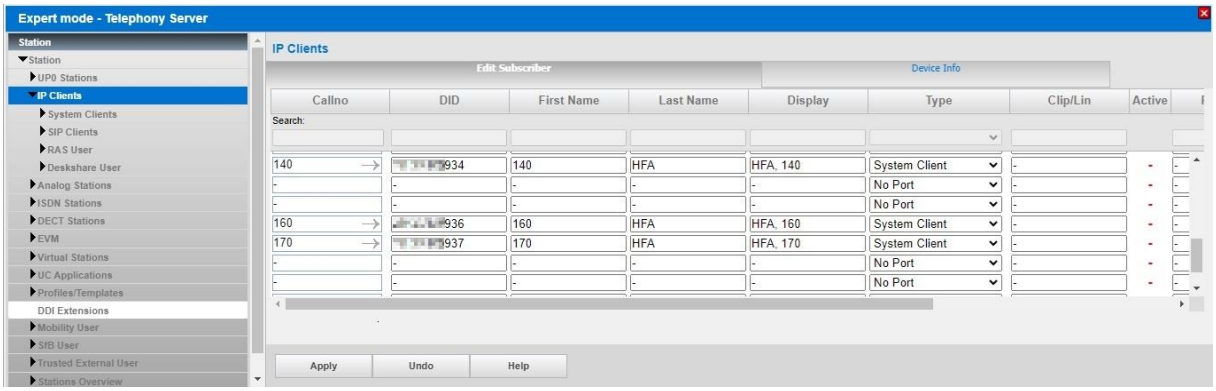

Figure 16

Additional Configuration

License

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

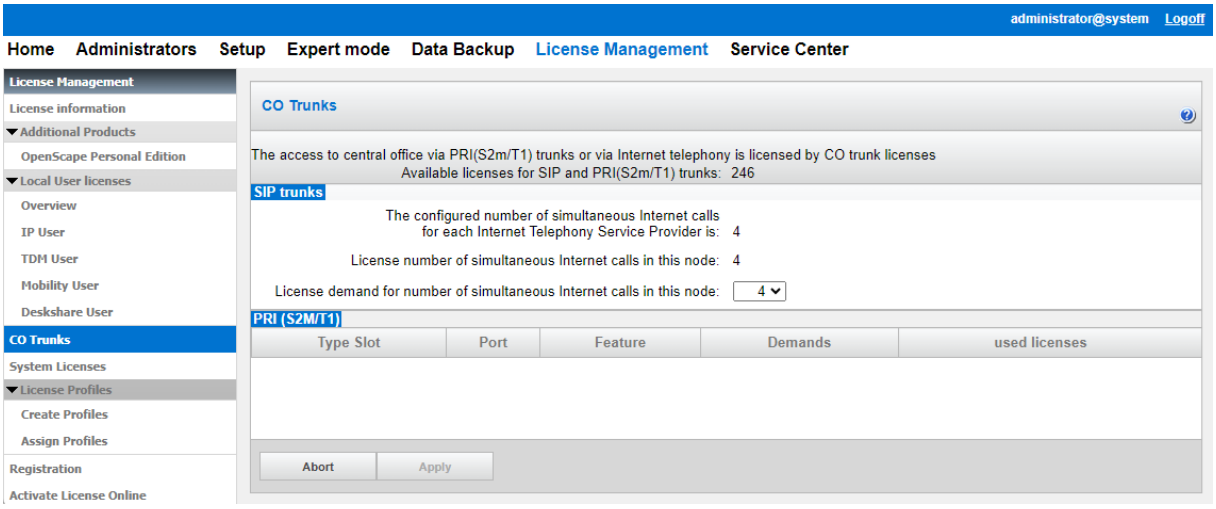

Figure 17