OpenScape Business

How to Configure SIP Trunk for Foliateam - France

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Date	Version	Changes
18.10.2019	1.0	First version LM/DB
29.10.2019	1.1	Validated version
10.09.2024	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

ISTP profile FOLIATEAM is natively integrated in the V2R7.1 version.

SIP infrastructures are provided according to the number of channels requested by the customer.

The minimal OSBiz software version supported is osbiz_v2R7.1.

Certification valid for all OpenScape Business systems X3/X5/X8/S.

This document describes the configuration of the Openscape Business for the French market on our SIP proxy infrastructure.

Trunk Configuration Data provided by Foliateam

The configuration data required to configure the SIP trunk will be provided by the Foliateam services.

The values for registration are provided by Foliateam.

Our services production is described in the diagram below, the access link (SDSL or FTTO) is MPLS VPN type:
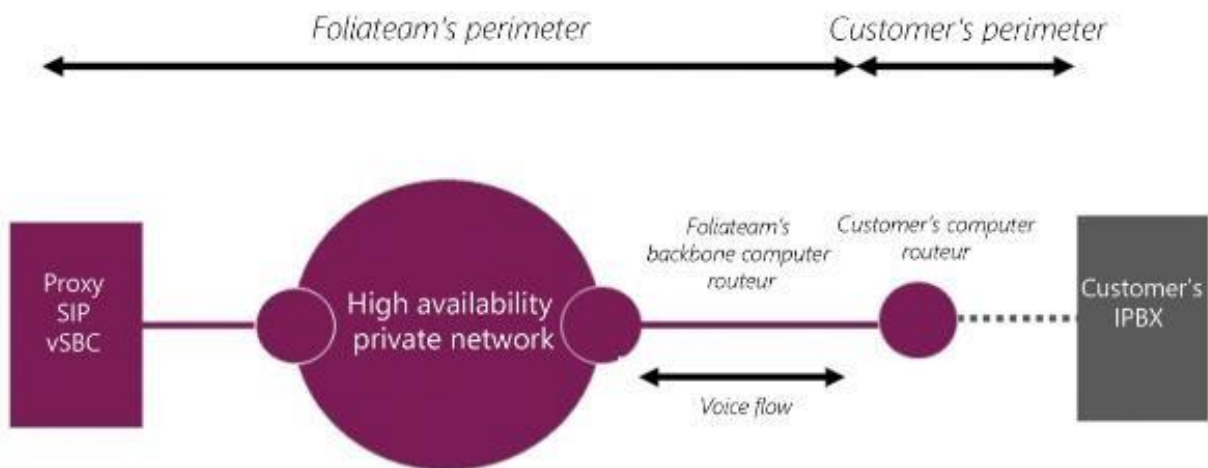
Use LAN or WAN interface

The VOIP network is imposed by the proxy provider, the OSBiz allows 2 configurations (LAN or WAN interface):
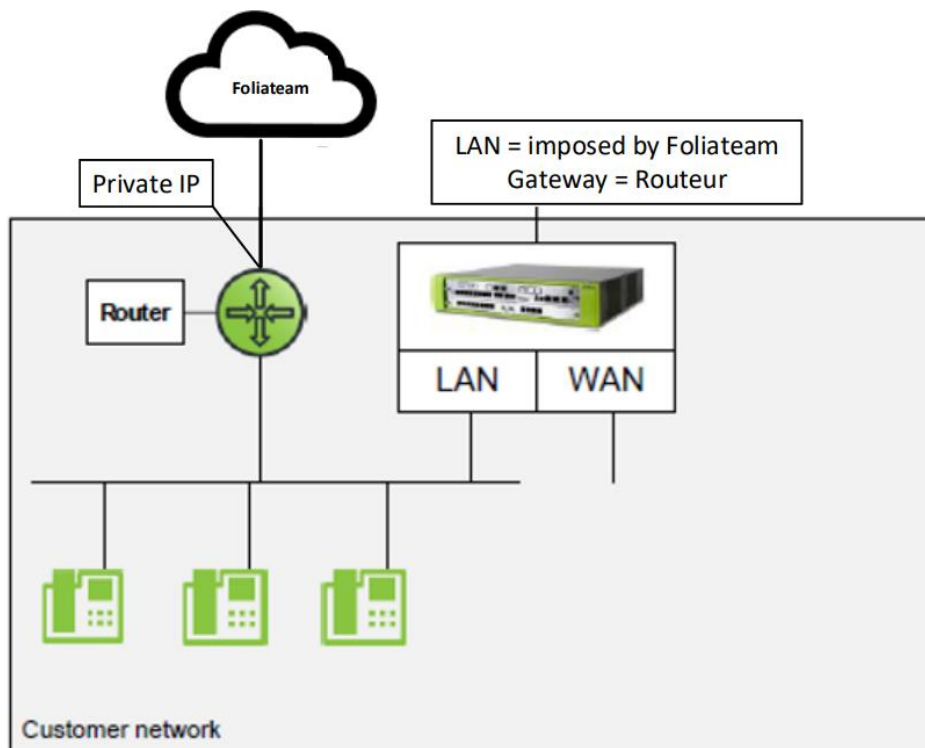
No possibility to change Network IP address:
   o Use the WAN interface for the SIP TRUNK, the LAN interface for VOIP (HFA extension, VOIP applications).
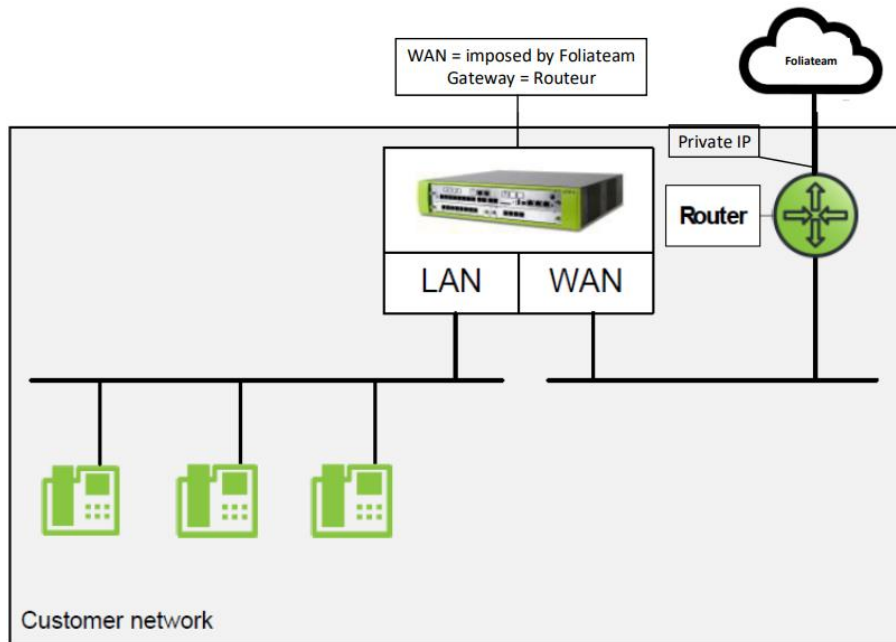
Possibility to change Network IP address:
   o Use the LAN interface for the SIP TRUNK and VOIP (HFA extension, VOIP applications).
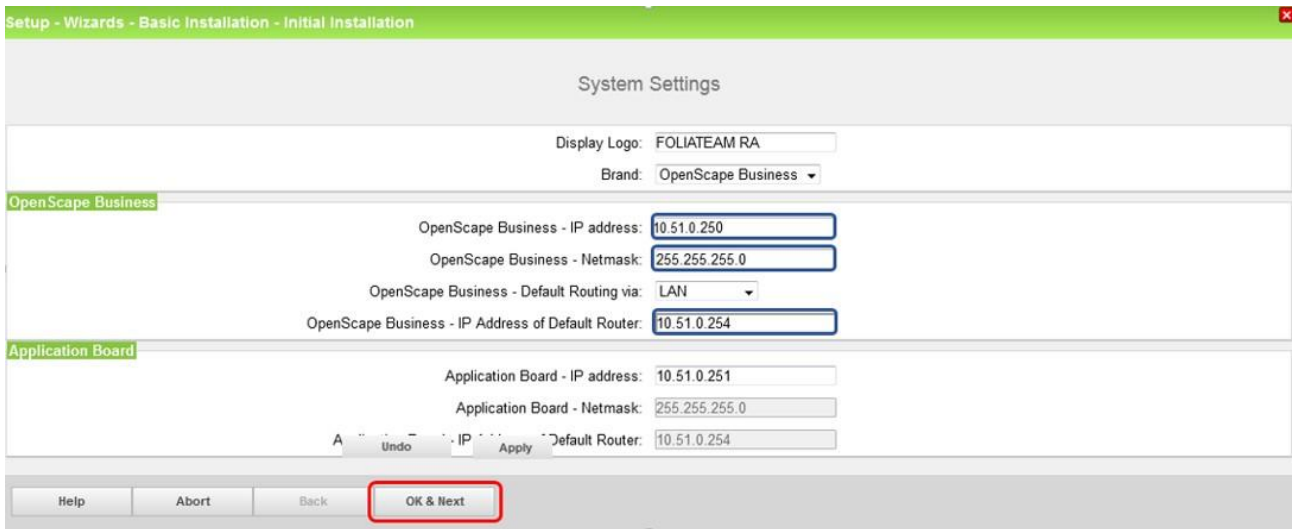
Network configuration

LAN Network interface configuration

Network setting:

> *Setup/Basic_Installation/Initial_Installation*

Modify the IP setting of the IPBX according to the network addressing imposed by the Proxy configuration (IP address / GW address), example:

Click [OK & Next]. Until the end of the wizard**, system reboot**

WAN Network interface configuration

LAN network configuration can't be changed.

You must activate the WAN interface for the SIP trunk (LAN connection type TCP / IP) and assign the IP address imposed by the Proxy (IP Address/Mask):

Expert_mode/Telephony_Server/Network_Interfaces

PABX default gateway is LAN interface (ex 192.168.1.254), so it is necessary to add 2 static route table to join the proxy + the PPTP connection (remote VPN for IPBX administration):

Expert_mode /Telephony_Server/Routing

ITSP account configuration

Configuration/Telephony_central/Telephony_internet

To configure the SIP account you must used « internet Telephony » (screenshot below).
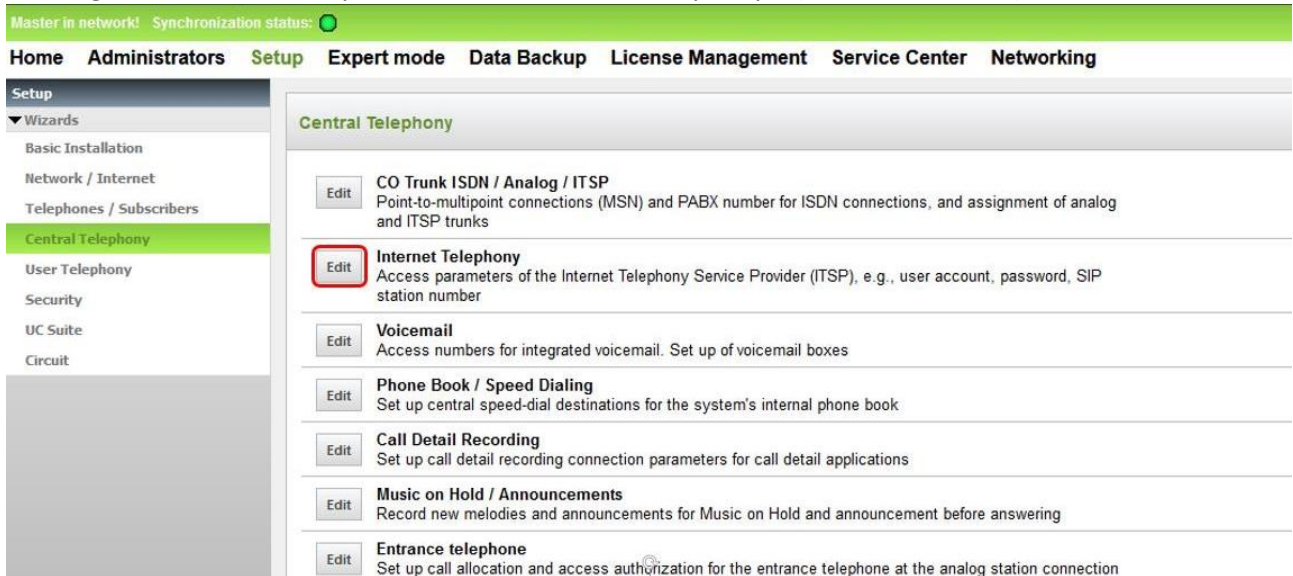
Enter only the Country code (screenshot below).
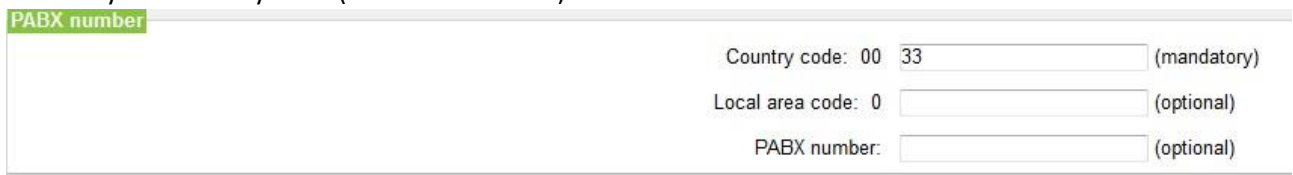
Click [OK & Next].

Activate Provider, Use France County specific and click on [Edit]:
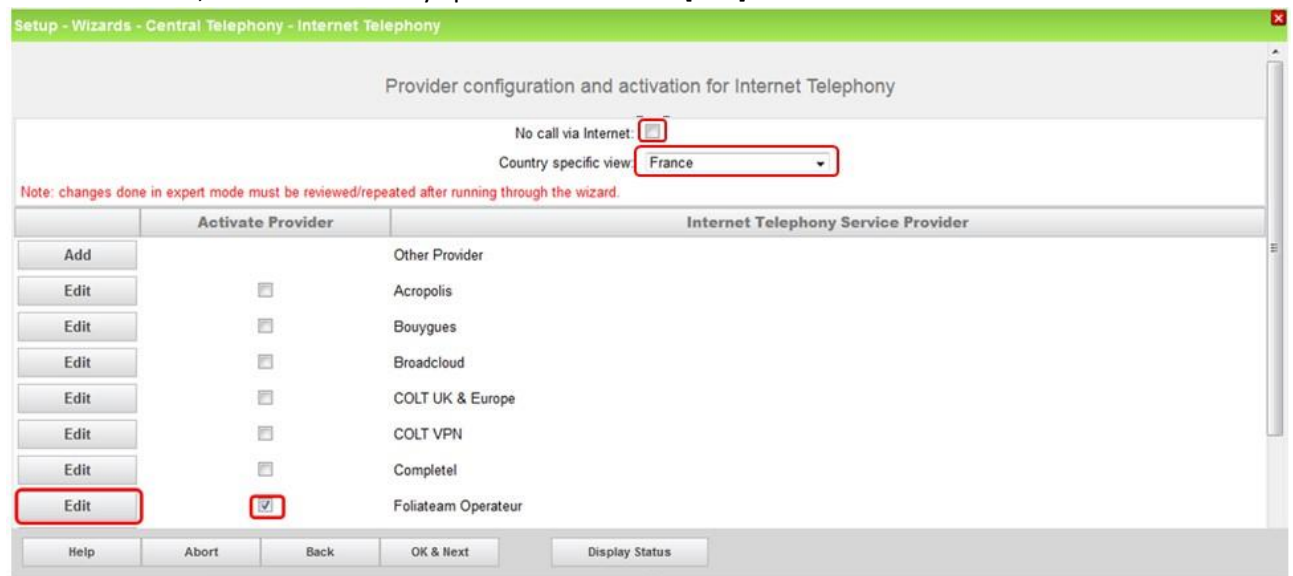
On the next page you have to check the following information:

Click on [Add].

Internet telephony station:	**Username** is inserted here (e.g: des_tsip3)
Authorization name:	**Username** is inserted here (the values username/password for registration are provided by Foliateam)
Password:	**Password** provided by Foliateam
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: 450679600). Usually the **Lead Number** is entered here.

Click [OK & Next]
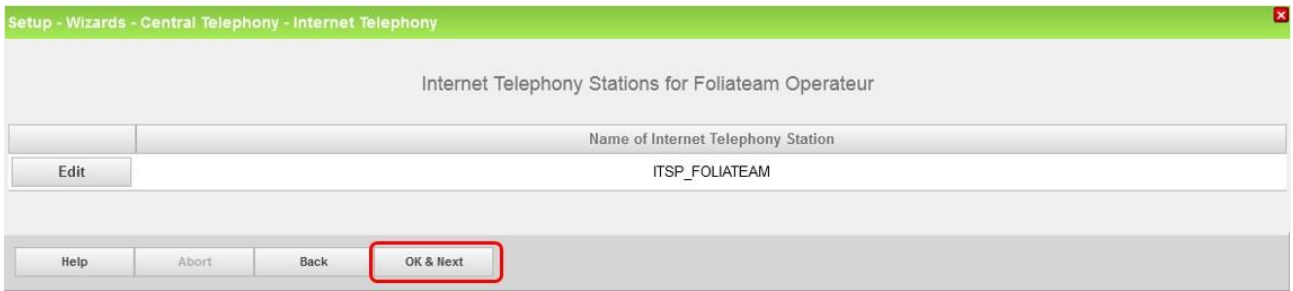
Click [OK & Next]
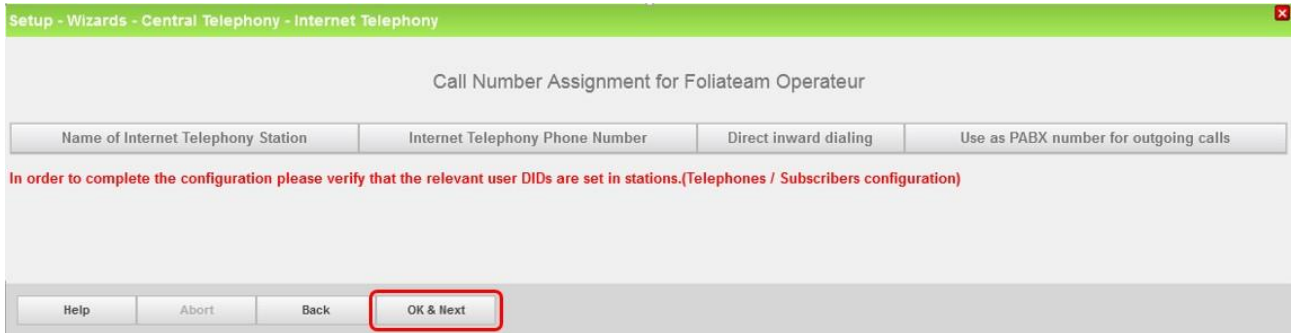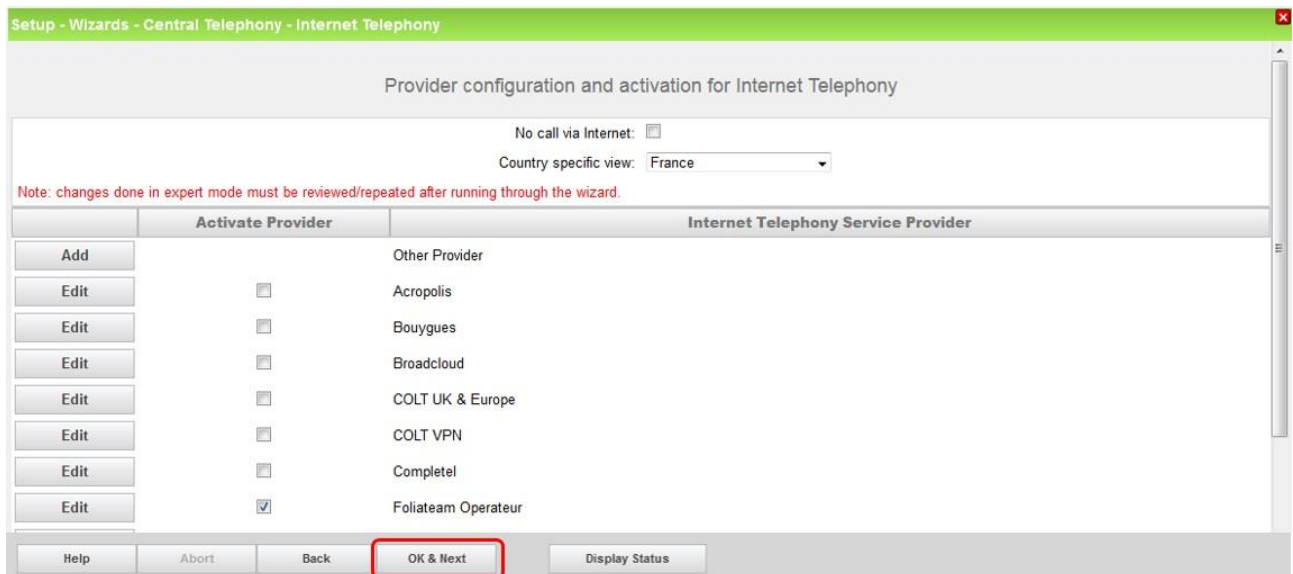
Click [OK & Next]

Click [OK & Next].

Define bandwidth (# Trunks)

Enter the bandwidth and the number of channels planned, then "distribute lines": *(PS: it takes about 128 kbit/s per line)*

Click [OK & Next]

Check ITSP status

Click [OK & Next]

Select Foliateam Operator Provider, Enter local code (ex: Southeast "4"),
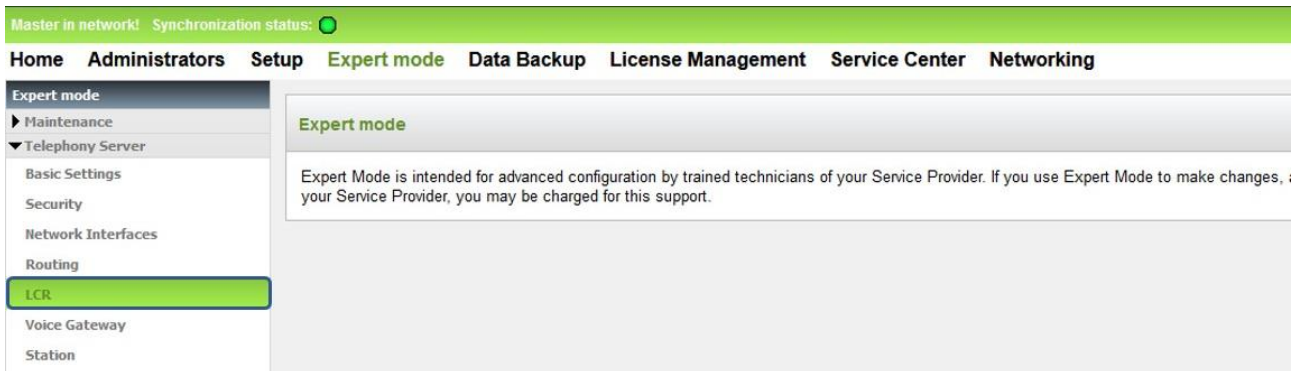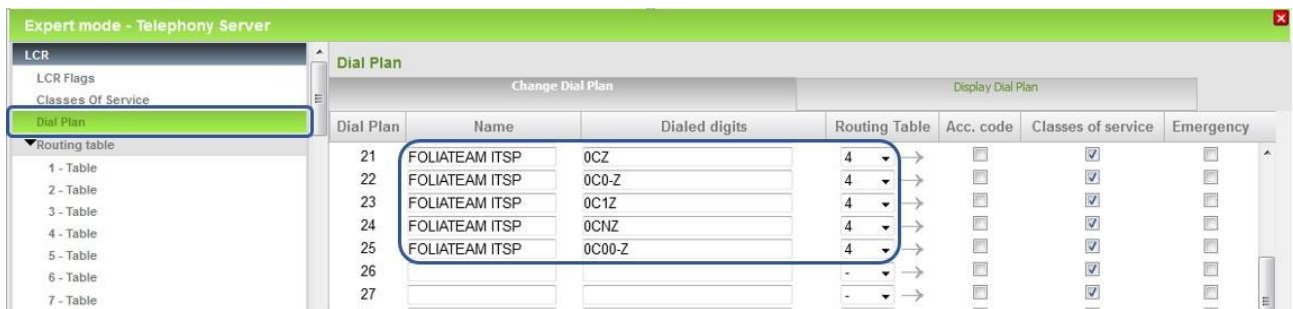

Click [OK & Next].

LCR

Once the operation is complete, the wizard has configured the LCR table, so you may check the following information:
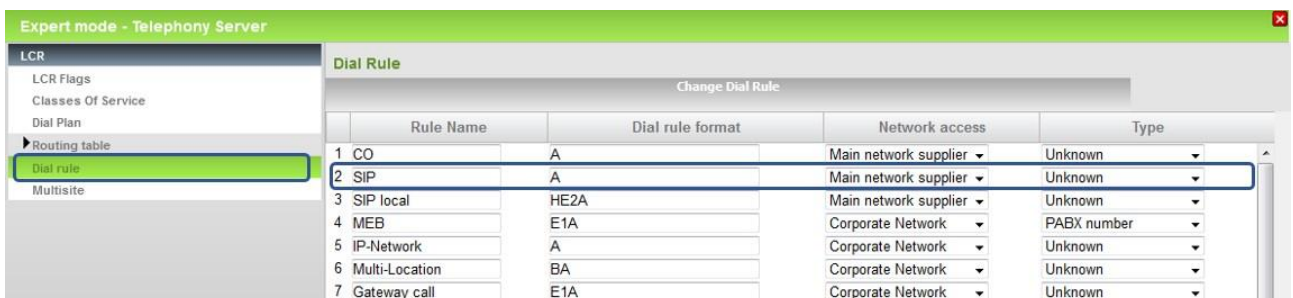
Expert_mode/Telephony_Server/LCR

Dial plan:

Routing Table :

Dial rule:

DID configuration

In the DID Section, the full DID will need to be entered without the country code (fr = 9 digits).

License

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

Codec Parameters

Go to Expert Mode ❼ Telephony Server ❼ Voice Gateway ❼ Codec Parameters
To comply with the requirements of the ITSP the following codec parameters **MUST** be changed:
1. Only G.711 is supported by FOLIATEAM ITSP.

T38 fax protocol is not supported, Fax is supported via G.711 only but not recommended (Foliateam recommends the use of its fax-to-mail / mail-to-fax services). For this reason, you MUST disable T38 protocol.

Check ITSP status

Service_Center/Diagnostics/Status

Show status allows you to check if the account is connected,