

Configuration guide V1.0

NFON SIP Trunk

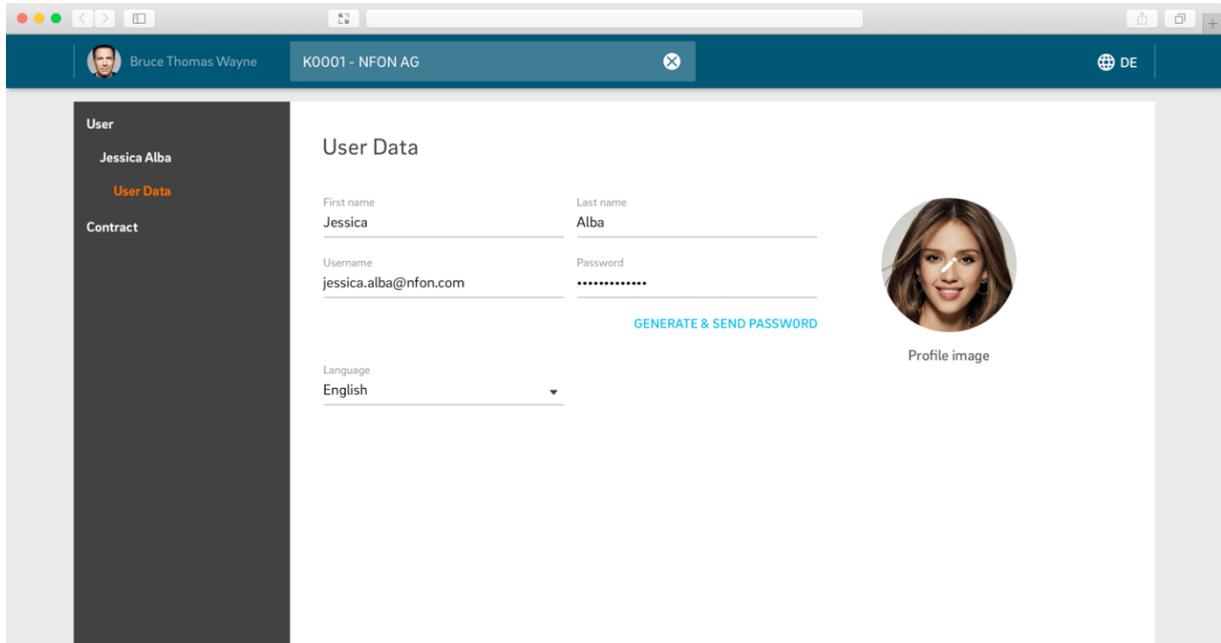
for

Unify OpenScape Business

Document -name	Author	Version	Date
Configuration guide V1.0 NFON SIP Trunk for Unify OpenScape Business	M.Scholz michael.scholz@nfon.com	1.0	30.06.2017

1. NFON Portal (<https://portal.nfon.com>):

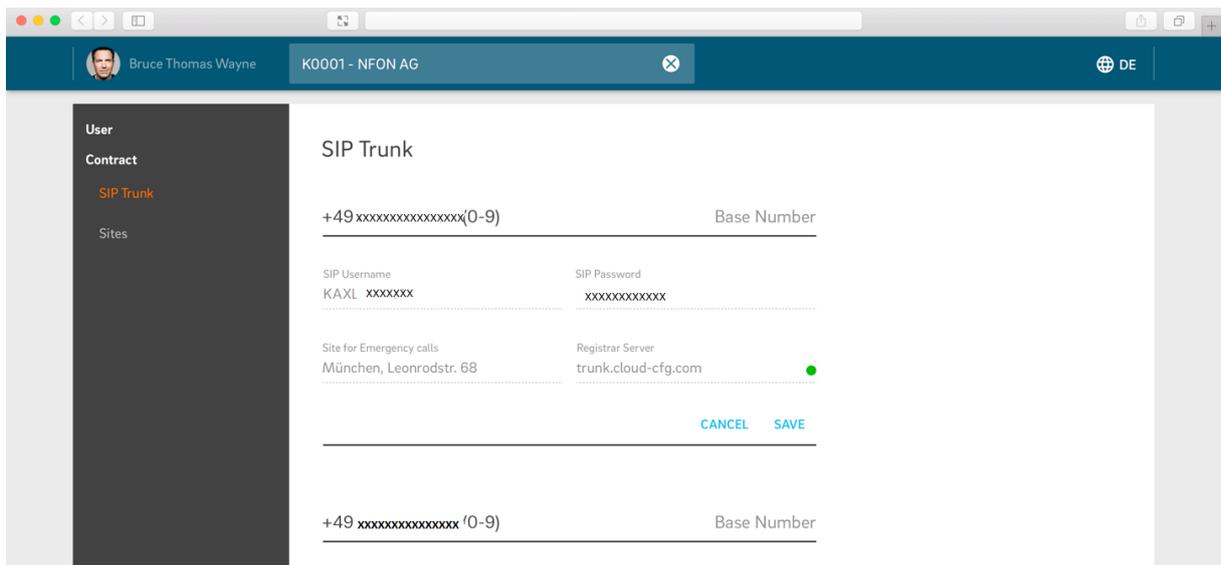
- Login to the NFON Portal using your credentials sent to you via mail
- Change your password (at first time usage)



The screenshot shows the 'User Data' page in the NFON Portal. The user is logged in as Bruce Thomas Wayne. The page title is 'User Data'. The user's name is Jessica Alba. The username is jessica.alba@nfon.com. The password is masked with dots. There is a 'GENERATE & SEND PASSWORD' button. The language is set to English. A profile image of Jessica Alba is shown.

First name	Jessica	Last name	Alba
Username	jessica.alba@nfon.com	Password	*****
Language	English	Profile image	

- Go to "contract" > "SIP Trunk" and you will find your SIP Trunk information for setting it up in OpenScape Business.



The screenshot shows the 'SIP Trunk' page in the NFON Portal. The user is logged in as Bruce Thomas Wayne. The page title is 'SIP Trunk'. The Base Number is +49 xxxxxxxxxxxxxxx(0-9). The SIP Username is KAXL xxxxxxxx. The SIP Password is xxxxxxxxxxxx. The Site for Emergency calls is München, Leonrodstr. 68. The Registrar Server is trunk.cloud-cfg.com. There are 'CANCEL' and 'SAVE' buttons.

Base Number	+49 xxxxxxxxxxxxxxx(0-9)
SIP Username	KAXL xxxxxxxx
SIP Password	xxxxxxxxxx
Site for Emergency calls	München, Leonrodstr. 68
Registrar Server	trunk.cloud-cfg.com

SIP Username and SIP Password need to be entered in the OpenScape Business Web interface:

2. Setup of your NFON Trunk using the OpenScope Business Web Interface

- Logon to your OpenScope Business
- Go to "setup"

Home Administrators **Setup** Expert mode Data Backup License Management Service Center

Home
OpenScope Business Assistant

OpenScope Business X5

System
IP Address: 192.168.6.251
Customer name: NFON-Test
UC Booster Card accessible: 192.168.6.252
System Date: 27/06/17 11:17
System Up Date: 27/06/17 08:00
Upstream (Kbps): 10000
SDHC Health Status: ●
SSD Health: Unknown
The last backup from 12/06/17 08:51 was successful.

Licensing
Locking ID:
SIEL ID:
MAC ID:
Confirmation Code:
License mode: Permanent

Documents
The documentation for your system can be found here...

Notifications

- Click on "Central Telephony" and then on "Edit Internet Telephony"

Home Administrators **Setup** Expert mode Data Backup License Management Service Center

Setup
▼ Wizards
Basic Installation
Network / Internet
Telephones / Subscribers
Central Telephony
User Telephony
Security
UC Suite
Circuit

Central Telephony

CO Trunk ISDN / Analog / ITSP
Point-to-multipoint connections (MSN) and PABX number for ISDN connections, and assignment of analog and ITSP trunks

Internet Telephony
Access parameters of the Internet Telephony Service Provider (ITSP), e.g., user account, password, SIP station number

Voicemail
Access numbers for integrated voicemail. Set up of voicemail boxes

Phone Book / Speed Dialing
Set up central speed-dial destinations for the system's internal phone book

Multisite Management
Configuration of multi-ITSP connections

Call Detail Recording
Set up call detail recording connection parameters for call detail applications

Music on Hold / Announcements
Record new melodies and announcements for Music on Hold and announcement before answering

Entrance telephone
Set up call allocation and access authorization for the entrance telephone at the analog station connection

- Enter your Country code, Local area code, and PABX number
- Click on “OK and next” at the bottom

Setup - Wizards - Central Telephony - Internet Telephony

Overview

Note: changes done in expert mode must be reviewed/repeated after running through the wizard.
 Note: At least the configuration of the 'Country code' is needed for features such as 'Internet telephony' and 'MeetMe conference'.

PABX number

Country code: 00 49 (mandatory)

Local area code: 0 XXXXX (optional)

PABX number: XXXXXXX (optional)

- Check Activate Provider at the “NFON” column and click on “Edit”

Einrichtung - Wizards - Zentrale Telephonie - Internet-Telefonie

Länderspezifische Ansicht: Deutschland

Hinweis: Im Expertenmodus durchgeführte Änderungen müssen nach Durchlaufen des Wizards überprüft/wiederholt werden.

	Provider aktivieren	
Hinzufügen		Anderer Provider
Bearbeiten	<input type="checkbox"/>	1&1
Bearbeiten	<input type="checkbox"/>	COLT UK & Europe
Bearbeiten	<input type="checkbox"/>	COLT VPN
Bearbeiten	<input type="checkbox"/>	Ecotel sipTrunk 2.0
Bearbeiten	<input type="checkbox"/>	ecotel sipTrunk Connect 1.0
Bearbeiten	<input type="checkbox"/>	ecotel sipTrunk DDI
Bearbeiten	<input type="checkbox"/>	Ennit AG
Bearbeiten	<input type="checkbox"/>	equada
Bearbeiten	<input type="checkbox"/>	GMX
Bearbeiten	<input type="checkbox"/>	HFO Telecom NGN
Bearbeiten	<input type="checkbox"/>	MK Netzdienste
Bearbeiten	<input type="checkbox"/>	M-net
Bearbeiten	<input checked="" type="checkbox"/>	NFON
Bearbeiten	<input type="checkbox"/>	O2 AIHP Voice SIP
Bearbeiten	<input type="checkbox"/>	Peoplefone AG (DE)
Bearbeiten	<input type="checkbox"/>	Purtel

- NFON server addresses are preconfigured, nothing has to be changed here, check “enable provider” then click on “OK & next”.

Setup - Wizards - Central Telephony - Internet Telephony

Internet Telephony Service Provider

Provider Name: NFON
 Enable Provider:
 Secure Trunk:
 Domain Name: trunk.cloud-cfg.com

Provider Registrar
 Use Registrar:
 IP Address / Host name: trunk.cloud-cfg.com
 Port: 5060
 Reregistration Interval at Provider (sec): 600

Provider Proxy
 IP Address / Host name: trunk.cloud-cfg.com
 Port: 5060

Provider Outbound Proxy
 Use Outbound Proxy:
 IP Address / Host name: 0.0.0.0
 Port: 0

Help Abort Back OK & Next Delete Data

- Now a new internet telephony station must be created. In order to do so click on “Add” as shown below.

Name of Internet Telephony Station
 New Internet Telephony Station

Add

- Enter your Information given by NFON in the fields below
 SIP User Name is entered in “Internet telephony station” and “Authorisation name” field.
 In the “Default Number” column enter the phone number in the format shown below (E-164 format with a leading “+”, usually the number of the intercept position).

Setup - Wizards - Central Telephony - Internet Telephony

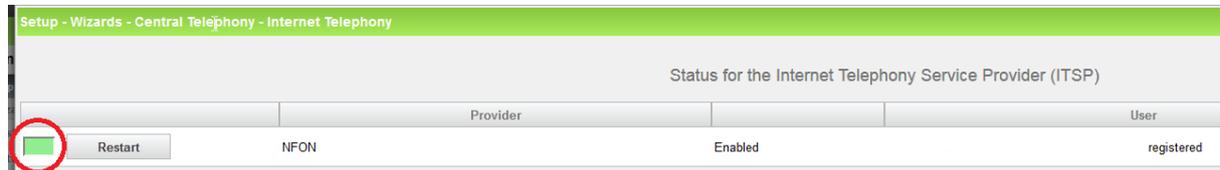
Internet Telephony Station for NFON

Internet telephony station: XXXXXXXXXXXX
 Authorization name: XXXXXXXXXXXX
 Password: ●●●●
 Confirm Password: ●●●●
 ITSP-multiple route:
 Default Number: +49XXXXXXXX

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.

Then click “OK & next” on the bottom.

- Now make sure that all corresponding DIDs are entered in the station, group etc. setup. Finally click on Display Status to see, if the OpenScape Business has registered successfully to the NFON SIP Trunk. If the field shows green and you see a registered on the right-hand side you are done!



Setup - Wizards - Central Telephony - Internet Telephony

Status for the Internet Telephony Service Provider (ITSP)

	Provider		User
 Restart	NFON	Enabled	registered

In case of a problem click the “Diagnose” button. A new window will show information about the internal status of the system and gives first hints about the source of the problem. In addition, the list of configuration parameters is shown. Please check if the data you entered are correct.