



# **Mobile Connect on SwyxWare**

## **Requirements and Configuration**

**As of: January 2020**

© 2000-2020 Swyx Solutions GmbH. All rights reserved.

### **Legal Information**

This documentation is subject to constant change and may therefore contain inaccurate or erroneous information.

Trademark: Swyx, SwyxIt! and SwyxON are registered trademarks of Swyx Solutions GmbH. This documentation is proprietary intellectual property of Swyx Solutions GmbH. Reproduction, adaptation, or translation of this documentation without the express written consent of Swyx Solutions GmbH is prohibited and will be prosecuted as a violation of intellectual property rights.

### **Swyx Solutions GmbH**

Emil-Figge-Str. 86

D-44227 Dortmund

[www.swyx.com](http://www.swyx.com)

<b>Mobile Connect on SwyxWare</b> .....	2
1.1 Functions.....	2
1.2 Concept.....	2
1.2.1 Requirements.....	2
1.2.2 Configuration in SwyxWare Administration.....	3
1.3 Configuration of AudioCodes/SwyxConnect .....	4
1.3.1 Configuration in Operator.....	4

# 1 Mobile Connect on SwyxWare

Mobile Connect on SwyxWare enables the integration of mobile devices into the SwyxWare environment. An Internet connection on the mobile phone is not necessary.

## 1.1 Functions

Mobile Connect on SwyxWare offers you the following functions:

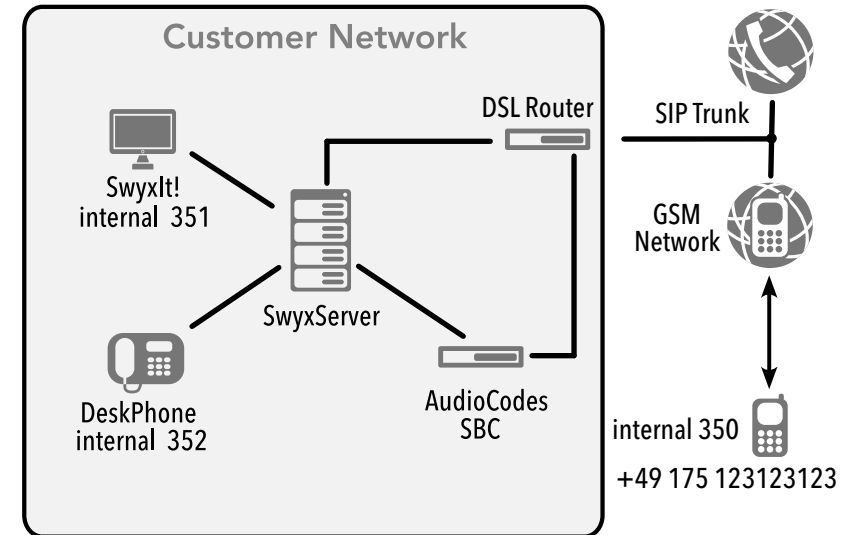
- You are connected to SwyxWare via Voiceworks GSM network and can start outgoing calls and signal your call status ("Speaking") to other users
- You can be reached by other SwyxWare users via your internal telephone number.
- You are available to all callers via your external telephone number.
- You can be reached by all callers under your mobile phone number on the desk phone.
- You can also use your internal phone number for outgoing calls from your mobile phone.
- You can use the full functionality of Swyx Call Routing Manager and Graphical Script Editor (Extended Call Routing) also with your mobile phone.
- You can use the full functionality of a SwyxWare SIP terminal.



Advanced SwyxWare functions, such as global and personal phone-book, call journal, instant messaging, advanced status information etc. are not available to Mobile Connect on SwyxWare users.

## 1.2 Concept

You use a Mobile Connect SIM card in your mobile device. In the corresponding GSM network, the SIM card is assigned to a SIP trunk that is configured in your SwyxWare environment and is used for connections with mobile devices via GSM.



### 1.2.1 Requirements

#### SwyxWare

- SwyxWare User Licence
- Dedicated SIP user is configured
- Mobile phone contract with Voiceworks
- Mobile Connect SIM card in mobile device
- Voiceworks SIP trunk configured

#### Hardware: AudioCodes Gateway

- SwyxConnect 5000/8000 or other AudioCodes Gateway (e.g. Mediant 500L), used as Session Border Controller  
Optionally, the terminal device can be configured and used as a DSL router at the same time.
- AudioCodes Firmware v7.20 and higher
- AudioCodes FEU license for each mobile device used

## 1.2.2 Configuration in SwyxWare Administration

In SwyxWare Administration you must specify the following settings:

### 1. Create SIP trunk to Voiceworks

Create the SIP trunk with the data from Voiceworks. For the phone number range, use the Mobile Connect phone numbers received from Voiceworks. A detailed configuration guide can be found in the SwyxWare documentation for administrators, section "Creating a SIP Trunk".

### 2. Assign Mobile Connect phone numbers to the desired users or create new users, for example:

Numbers of User MC0677

Numbers | Alternative Numbers | SwyxFax Numbers | CTI+

Within SwyxWare Users call each other by using "Internal Numbers". These may have any number of digits but must not overlap with other Internal Numbers.

Internal Numbers:

Phonebook	Internal Number	Show
	9677	<input checked="" type="checkbox"/>

Add... Add range... Delete

Number Mappings:

Internal Number	Public Number
9677	+4915777440677

Add... Delete

OK Cancel Apply Help

For details on user configuration, refer to SwyxWare documentation for administrators, section "Creating a New User" or "Configuring Users".

### 3. Configure SIP login for Mobile Connect users

Allow Mobile Connect users to log in via SIP and enter the appropriate login data, e.g:

Administrator properties for User MC0677

Call Intrusion | Advanced | Encryption | Codec Filter | RemoteConnector  
Administration | Authentication | SIP | Files | SwyxPhone Look

To logon via SIP it's necessary to specify a unique User ID for each User. In case authentication is enabled you must enter a User Name and a password, too.

Allow login via SIP

SIP Authentication Mode:  
<use SwyxServer default>

SIP User ID: 9677

SIP User Name: 9677

SIP Password: \*\*\*\*\*

Repeat SIP Password: \*\*\*\*\*

Use SIP devices as system phone

OK Cancel Apply Help

For details on logging on using SIP, refer to the SwyxWare documentation for administrators, section "Configuring Users" | "SIP Registration Tab".

## 1.3 Configuration of AudioCodes/ SwyxConnect

An AudioCodes Session Border Controller can also be configured as a DSL router and used accordingly. In such a scenario, AudioCodes acts as both a DSL router and a session board controller.

Contact Swyx Support for assistance with the AudioCodes configuration.

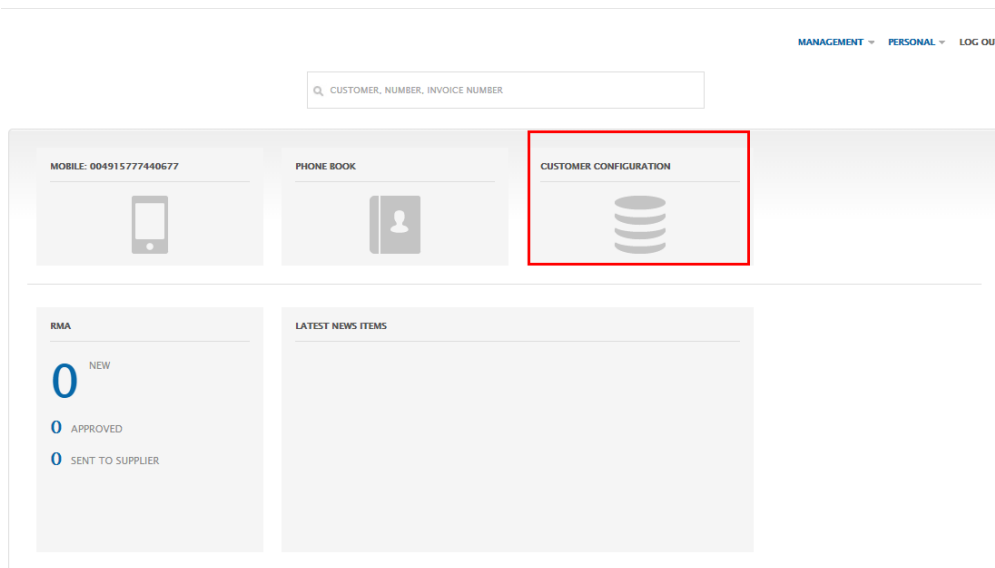
### 1.3.1 Configuration in Operator

In Operator you must perform the following steps:

- Assign each Mobile Connect user the corresponding SIP credentials that you have specified via SwyxWare Administration
- Enter the public IP address of the client network and the port for forwarding to the Session Border Controller

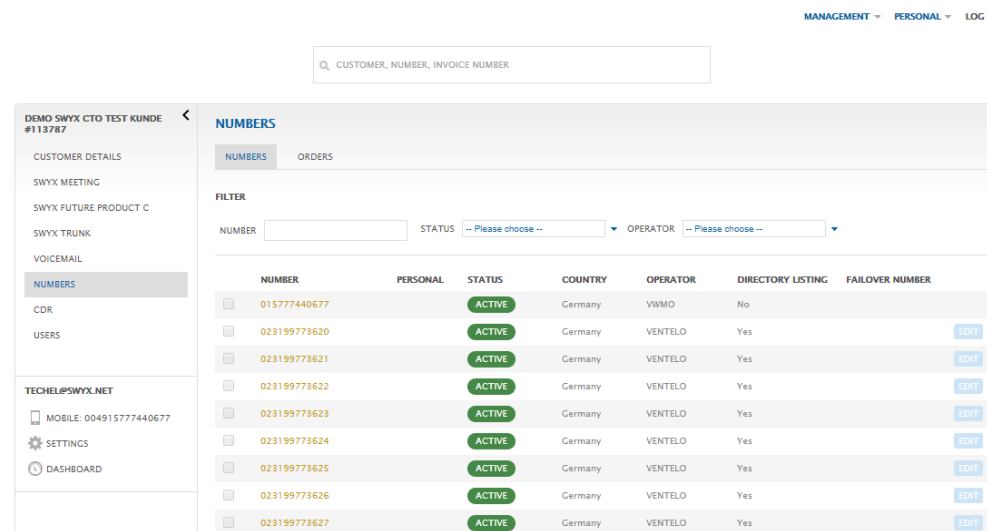
#### To enter the necessary information in Operator

- 1 Open "Personal | Dashboard" in the menu bar:



- 2 Click on "Customer configuration".

- 3 Click on "SWYX FUTURE PRODUCT M".



- 4 Click on the desired mobile phone number.
- 5 Click on "Reach" and then on "Configuration".
- 6 In the fields "User Name" and "Password", enter the SIP credentials that you set for the Mobile Connect user via SwyxWare Administration.
- 7 Under "IP Address PBX" enter the public address of the customer network where SwyxWare is installed.
- 8 Under "Port", enter the port specified in the AudioCodes Session Border Controller.

**DEMO SWYX CTO TEST KUNDE #113787**

CUSTOMER DETAILS

SWYX MEETING

SWYX FUTURE PRODUCT C

SWYX TRUNK

VOICEMAIL

NUMBERS

CDR

USERS

---

**TECHEL@SWYX.NET**

MOBILE: 004915777440677

SETTINGS

DASHBOARD

**REACH**

REACH CONFIGURATION NUMBERS

---

**LINKED USER** EDIT

USER Henning Techel

---

**MOBILE CONNECT** EDIT

REGISTRATION TYPE classic

USERNAME 9677

PASSWORD 9677

IP ADDRESS PBX 80.163.207.2

PORT 9494

AUTOMATIC EXTERNAL LINE 0

SWYX TRUNK ctotesttrunk

REGISTRATION INTERVAL 900

REGISTERED UNTIL 29-10-2019 - 16:37:34

CONNECT TO ADDITIONAL SUPPORT Yes

FAILOVER FOR OUTGOING CALLS Yes

FAILOVER FOR INCOMING CALLS Yes

ATTENDED TRANSFER REFER No

ATTENDED TRANSFER HOLD No

ATTENDED TRANSFER BYE No

DTMF INBAND No

---

**CALL / TEXT BLOCKADES** EDIT

9 Save your entries.

10 Repeat steps 4 to 8 for the other phone numbers.



If the mobile phone number is to be forwarded inbound via SwyxWare, select the "Unconditional Forwarding" check box under "STANDARD SETTINGS | INCOMING" on the "Reach" tab.



If outgoing calls are to be routed via SwyxWare, on the "Reach" tab, under "STANDARD SETTINGS | OUTGOING", select the "OUTGOING CALLS BY PABX" check box.