



SwyxConnect Configuration Wizard

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1 SwyxConnect Configuration Wizard

With the SwyxConnect Configuration Wizard you can quickly set up a SwyxConnect Session Border Controller (SBC) for use with SwyxWare or for a VPN connection to SwyxON.

For further information see also the SwyxWare documentation for administrators, chapter [SwyxConnect 5000/8000](#).

1.1 Requirements

- SwyxWare is installed and configured
- SwyxConnect SBC has the latest firmware version installed (at least from 7.24A.356.069)
- SwyxConnect SBC must be operated to single network mode
- SwyxConnect SBC is connected and started in the local network
- Optional: Syslog is installed and started on a computer in the local network
- The contents of the file "SwyxConnect Configuration.zip" are stored in a local folder of your choice. The supplied template can be found under
 - "SwyxConnect Configuration Wizard/templates/SCCW SBC.json" and
 - "SwyxConnect Configuration Wizard/templates/SCCW SBC.cli"

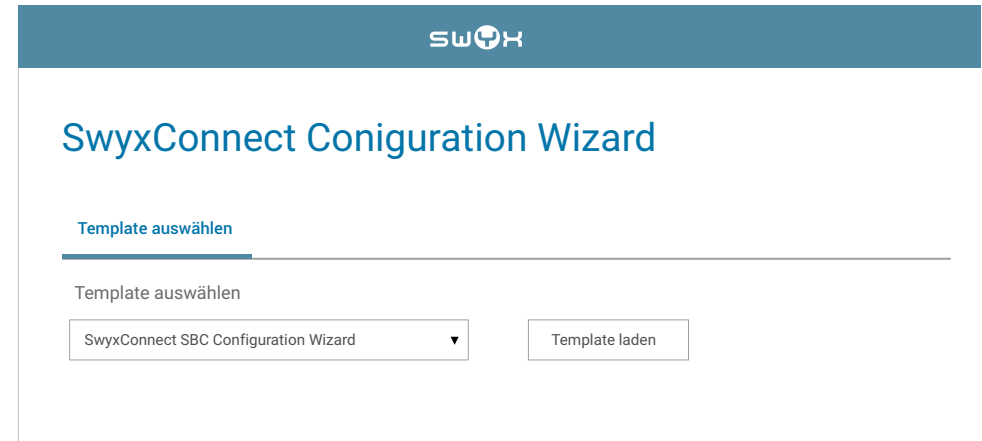
1.2 Configure SwyxConnect as Session Border Controller

In these steps you define the following functions for SwyxConnect:

- Link between SwyxConnect and SwyxWare
- Optional: Set up a DSL connection
- Optional: VPN connection with SwyxON
- Register on a SIP trunk (for approved providers)
- Configure FXS or BRI connections
- Set Digit Mapping Rules

To configure SwyxConnect as a Session Border Controller

- 1 Start "SwyxConnect Configuration Wizard.exe" and select "SCCW SBC" from the drop down list:



- 2 Click on "Load Template"
 - ✓ The tab "Basic Configuration" opens.
- 3 Specify the following settings:

Label	Explanation
SwyxConnect Model	Select the model of the gateway to be configured.
Connection scenario	Select the connection scenario: DSL SwyxConnect is to be used as a DSL router and session border controller. LAN SwyxConnect should be used as a gateway or session border controller in the local network.
SwyxConnect IP address	Enter the IP address for the SwyxConnect SBC.
SwyxConnectSubnet mask	Enter the subnet mask or use the default value: 255.255.255.0

Label	Explanation
SwyxConnect Standard gateway (only for LAN configuration)	Enter the IP address that is used as the default gateway by end devices in your network.

- 4 Click on "Next ".
 - ✓ The tab "System configuration" opens:
- 5 Specify the following settings:



The system configuration is applied in all connection scenarios.

Label	Explanation
SwyxConnect username	Enter the user name for the administrative access to SwyxConnect.
SwyxConnect password	Enter the password for administrative access to SwyxConnect.
Primary NTP server	Enter the IP address or FQDN of the primary NTP server.
Secondary NTP server	Optional: Enter the IP address or FQDN of the secondary NTP server.
Gateway Primary DNS server	Enter the IP address of a DNS server.
Gateway Secondary DNS server	Optional: Enter the IP address of another DNS server.

- 6 Click on "Next ".
 - ✓ The tab "Network services" opens:
- 7 Specify the following settings:

Label	Explanation
Syslog usage	Select the checkbox if you want to use the Syslog program: On/Off
Syslog IP	Enter the IP address of the computer on which Syslog was installed (Default value: 192.168.50.1).
DHCP (only for DSL configuration)	Select the check box if you want to enable the DHCP function in SwyxConnect (only for DSL connection scenario).
DHCP startup (only for DSL configuration)	Enter the first address of the DHCP range.
End of DHCP (only for DSL configuration)	Enter the last address of the DHCP range.
VPN configuration (only for DSL configuration)	No VPN No VPN should be used IKEv1 To connect to SwyxON only via a static public IP address. IKEv2 To connect to SwyxON via a dynamically assigned or a static IP address.

- 8 Click on "Next ".
 - ✓ If you have selected "DSL" as the connection scenario, the "DSL configuration" tab opens:
- 9 Enter the DSL access data that you have received from your DSL provider: Connection identification, access number, password.
- 10 Click on "Next".
 - ✓ If you have selected "DSL" as the connection scenario and activated an IKE option for the "VPN configuration", the "VPN configuration" tab opens:
- 11 The data required for the VPN configuration can be exported via SwyxON-Platform, see <https://help.swyx.com/swyxon/1.00/Platform/Swyx/en-US/index.html#context/help/52008>

- 12** Search for the required data in the exported list and enter it in the fields with the corresponding labels.
- 13** Click on "Next".
- ✓ If you have not configured a VPN, the tab "SwyxWare/NetPhone" opens:
- 14** Specify the following settings:

Label	Explanation
IP SwyxWare	Enter the IP address of the SwyxServer.

- 15** Click on "Next".
- ✓ The "SIP Trunk Configuration" tab opens:
- 16** Specify the following settings:



The SIP credentials must be set in SwyxWare Administration under the SIP gateway trunk properties on the SIP Registration tab.

Label	Explanation
SIP trunk selection	Select the SIP trunk to be registered on SwyxConnect.
SIP Trunk Registrar Proxy	Enter the SIP trunk registrar (default: sip-trunk.telekom.de).
SIP Trunk Outbound Proxy	Enter the SIP trunk proxy (default: reg.sip-trunk.telekom.de).
SIP Trunk User ID	Enter the SIP trunk user ID.
SIP Trunk Username	Enter the SIP trunk user name.
SIP trunk password	Enter the SIP trunk password.
Swyx GW Trunk User ID/ Username	Enter the credentials for the Swyx Gateway Trunk that has been configured to connect to the SwyxConnect SBC in SwyxWare Administration.
Swyx GW Trunk user password	

- 17** Click on "Next".
- ✓ The tab "FXS Configuration" (SwyxConnect 5002) or "BRI Configuration" (SwyxConnect 5008) opens:
- 18 SwyxConnect5004:** Select the number of analogue ports to be used on SwyxConnect. For each port used you have to enter the SIP credentials as they have been created in SwyxWare before.
- SwyxConnect5080:** Select the number of ISDN connections to be used at SwyxConnect. For each port used you have to set the mode and enter the SIP credentials as they have been created in SwyxWare before.



The SIP credentials must be entered for the corresponding users in SwyxWare Administration under User Properties on the SIP tab.

- 19** Click on "Next".
- ✓ The tab "Additional settings" opens:
- 20** Enter the digit mapping rules or use the standard rules. For further information please refer to the SwyxWare documentation for Administrators, chapter SwyxConnect 5000/8000, [section "Digit Mapping"](#).



Use the rule "x.T" at the end of the string so that calls that cannot be assigned to any of the previous rules are still allowed.

- 21** Click on "Submit".
- ✓ After successful entry of all necessary parameters, a CLI file is generated:

SWH🌐 .de

SwyxConnect Konfigurationsassistent

← onSwyxWare SIP-Gateway-VerbindungFXS-KonfigurationZusätzliche EinstellungenResultate

```
interface GigabitEthernet 1/1
speed auto
duplex auto
switchport mode trunk
switchport trunk native vlan 1
no shutdown
exit
interface GigabitEthernet 1/2
speed auto
duplex auto
switchport mode trunk
switchport trunk native vlan 1
no shutdown
exit
interface GigabitEthernet 1/3
```

HerunterladenIn Zwischenablage kopierenZurückFortsetzen

22 Click on "Download" or "Copy to clipboard" and save the CLI file with your configuration.



You can later edit the saved CLI file as needed and manually upload it to SwyxConnect as a CLI Start Up script.

After successful transmission, the device restarts and can be reached under the specified IP address.