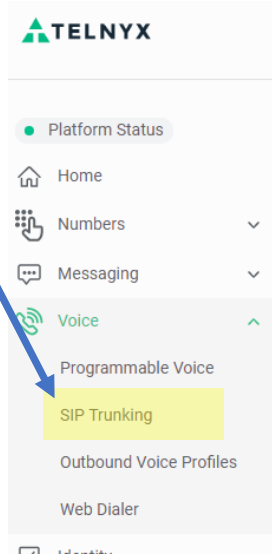


1. Select Voice, Sip Trunking.



2. Select Add SIP Connection

## SIP Connections / SIP Connections

Updated a few seconds ago  Balance \$68.77

**SIP Connections** External Voice Integrations

SIP Connection Name	IP Address	Auth Username
<input type="text" value="SIP Connection Name"/>	<input type="text" value="IP Address"/>	<input type="text" value="Auth Username"/>

Show connections without authorization type

Sort By  Sort Order

[+ Add SIP Connection](#)

3. Enter a name for the connection  
(I used the 3cx extension I want to route it to)

**Add SIP Connection** ×

Name

100

**Create SIP Connection**

4. Select Create SIP Connection

5. Select Credentials

### Edit SIP Connection

**Created Connection!**

SIP Connection ID

2100157904467264525

Cop

Name

100

Save

SIP Connection Type: Credentials

**Credentials**

IP Address

FQDN

MS Teams SBC

5. Select Edit to Change your credentials if you want

Credentials IP Address FQDN MS Teams SBC

Username  
Edit 3cx100

Password  
Edit .....

Webhook Events ?

AnchorSite™: Latency

Expert Settings

Outbound

Outbound Voice Profile  
Default

6. Select Save & Finish Editing

Save & Finish Editing

SIP Connection Name Type Auth Detail AnchorSite™

100 Credentials 3cx100 Latency

7. Select the Pencil Icon to edit the profile

8. Select the INBOUND TAB

9. Using the dropdown menu, Select +E.164 for both DNIS and ANI

SIP Connection Options for 100

BASIC INBOUND OUTBOUND WEBRTC

Destination Number Format (DNIS) Originator Number Format (ANI)

+E.164 +E.164

No Ringback Timeout (Default: 5 sec) No Answer Timeout (Default: 300 sec)

Enter number of seconds - + Enter number of seconds - +

Channel Limit Receive SIP URI Calls

Enter total inbound calls - + Disabled

Expert Settings

Cancel Save All Changes

## SIP Connection Options for 100



10. Select the OUTBOUND tab

BASIC INBOUND **OUTBOUND** WEBRTC

### Caller ID Override

Only a Telnyx phone number or Verified non-Telnyx number can be used for it

(201) 555-0123

- Always
- Normal Only
- Emergency Only

### Localization Country

United States of America

### Channel Limit

Enter total outbound calls



### FAX

T.38 Re-invite Initiated By

Telnyx

### Outbound Voice Profile

Default

### Expert Settings

11. Verify the Outbound Voice Profile is set to default...

If it is not use the dropdown menu to Select Default

12. Select Save All Changes

Cancel

Save All Changes

13. From your 3cx Admin console Select SIP Trunks

Dashboard

Users

Phones

SIP Trunks

14. Select add a SIP Trunk

## SIP Trunks

### SIP Trunks

+ Add SIP Trunk

### Add SIP Trunk/VoIP Provider



15. Select US

Select Country

US

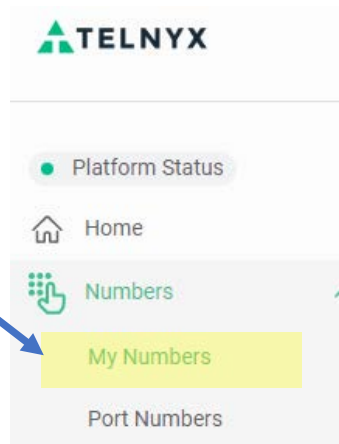
16. Select Telnyx LLC

Select Provider in your Country

Telnyx LLC

We strongly recommend using a preferred, or at least a supported vendor. 3rd Party supported means they must test and SUPPORT the integration.

17. Return to the your Telxyn site  
Select Numbers, My Numbers



18. Find your SMS number and copy it to the clipboard



19. Return to your 3cx admin site  
(add a SIP Trunk dialog box)

Paste the SMS number into Main Trunk Number

### Add SIP Trunk/VoIP Provider



Select Country

US

Select Provider in your Country

Telnyx LLC

We strongly recommend using a preferred, or at least a supported vendor. 3rd Party supported means they must test and SUPPORT the integration.

Main Trunk No

+1 1638

20. Select OK

OK Cancel

21. Enter a name for your trunk  
(I added the 3cx extension number to the name)

General DIDs Caller ID Options

### Trunk Details

Enter name for Trunk

Telnyx 100

22. Enter the credentials you created in Step 5.

### Authentication

Type of Authentication

Register/Account based

Authentication ID (aka SIP User ID)

tsi100

Authentication Password

.....

23. Use the dropdown menu to select the extension you want your SMS message to be routed to during office hours, and outside office hours.

### Route to

Main Trunk No

+ 1638

Destination for calls during office hours

Extension

100 IT Emergency

Destination for calls outside office hours

Extension

100 IT Emergency

24. Scroll to the top of the page and select the SMS tab

General

DIDs

Caller ID

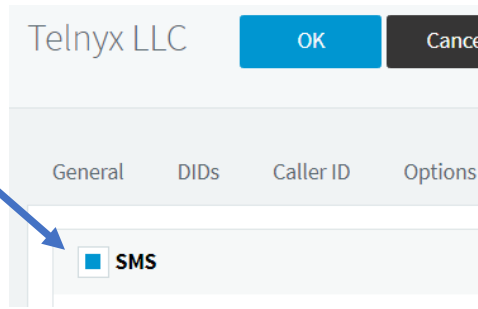
Options

Inbound Parameters

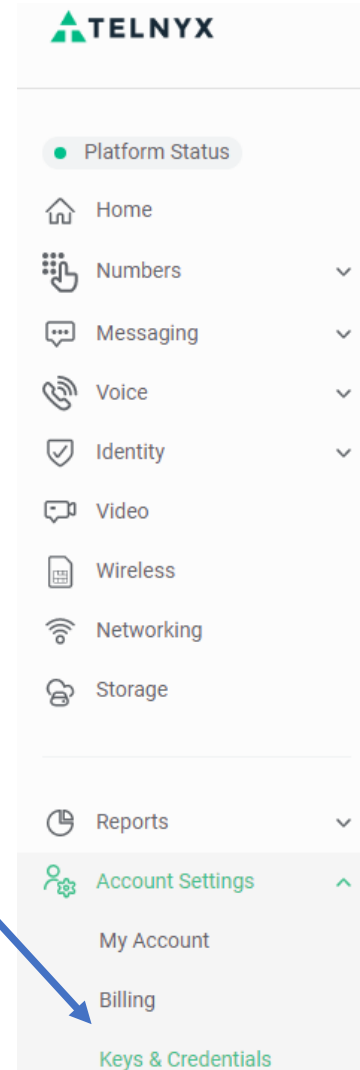
Outbound Parameters

SMS

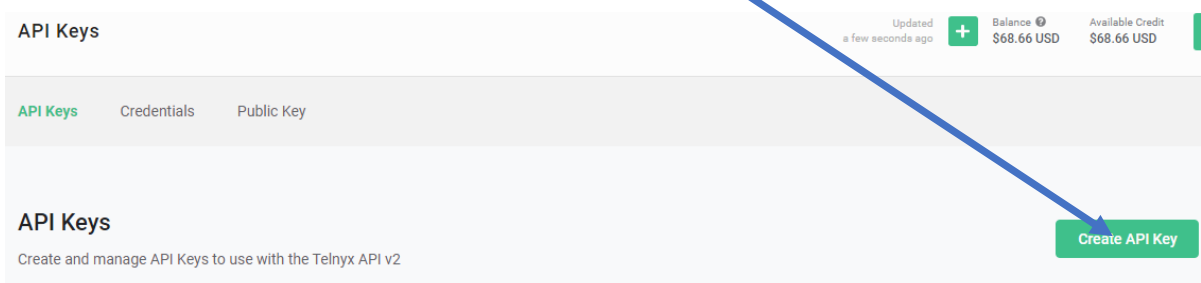
25. Select the radio box next to SMS



26. Return to our Telnyx site  
Select Account Settings, Key & Credentials



27. If you do not have an API key, Select Create API key  
If you have a key, go to step 29




28. Select Create

Create API Key ✕

Once created you will be able to view the API Key secret among other info in the table view.

29. Copy the key to the clipboard

active    KEY017C60C8CEDDB340B439BB\*\*\*\*\* 

30. Return to your 3cx admin site  
Paste the key into the API key field


31. Copy the webhook URL to the clipboard

Telnyx LLC

General   DIDs   Caller ID   Options

SMS

API key

Copy webhook URL  
 <https://tableland.pa.3cx.us/sms/telnyx>

32. Select OK to save the SIP Trunk

Telnyx LLC

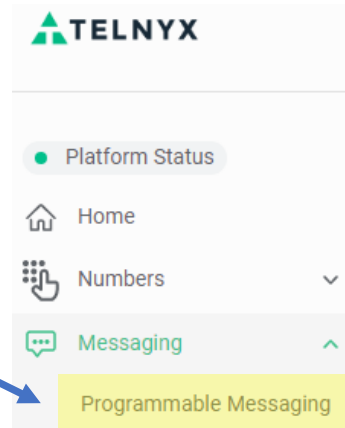
General   DIDs   Caller ID   Options

SMS

API key

33. Return to your Telnix site to create a messaging profile

Select Messaging, Programmable Messaging



34. If you have an existing profile open it and move to step 36

To create a new profile, Select Add new Profile

### Programmable Messaging / Messaging Profiles

Updated a few seconds ago Balance \$68.66 USD Available Credit \$68.66 USD

[Messaging Profiles](#) [Learn & Build](#) [Rate Limits](#) [Toll Free Messaging](#) BETA

### Configure your Messaging Profiles

Send and receive SMS on Alphanumeric IDs, Long Code, Toll Free, and Short Code numbers.  
The default account limit is 10 message per second

[Add new profile](#)

35. Enter a name for your profile

*You can use your profile for multiple SMS numbers*

### Edit Messaging Profile

Your Messaging Profile allows you to configure your message settings across a group of numbers

#### Profile Info

Profile Name

TSI

API Version

[API v1](#)

[API v2](#)

API v2 makes it easier than ever to manage your messaging capabilities. [Learn more](#)

36. Paste the webhook from your clipboard into the

Send a webhook to this URL field

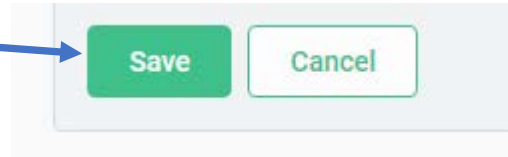
#### Inbound Settings

Control how your profile handles incoming messages

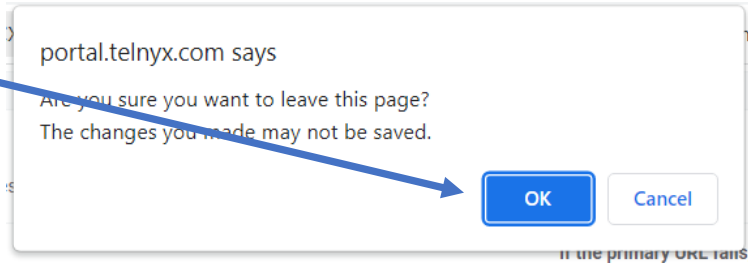
Send a webhook to this URL:

<https://tableland.pa.3cx.us/sms/telnix/08f41e4d17064feca2a>

37. Scroll to the bottom of the page and select Save



38. Select Ok



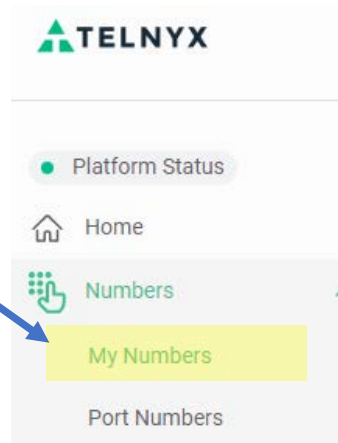
The messaging profile you just created should be displayed



TSI

...4d17064feca2a8c2d231c57e64 -

39. Select Numbers, My Numbers once again



Find the SMS number you want to assign

Number	Status	Connection or App	Messaging Profile
+1 -1638	✓	Select Connection to receive calls	test

40. Select the messaging profile dialog box

Voice Options +

EMERGENCY ROUTING TAGS ADVANCED RECORDING VOICE MAIL BETA

Connection or Application

Name

SMS Messaging

Messaging Profile

Select Messaging Profile

x

test

TSI

41. Using the dropdown menu  
Select the new messaging profile

42. Select Save Changes

Save Changes

When the page refreshes you may see (Error Loading. Click to retry) in the Messaging Profile Dialog Box.

+1 1638 ✓ ⚠ Select Connection to receive calls Error loading. Click to retry Select Billing Group

43. Select the Messaging Profile Dialog Box again, and you should see the newly assigned profile is attached  
This may take 30 seconds to update.

+1 1638 ✓ 100 TSI

Now test it.

Congrats, you finally finished setting up (1) SMS number. You have to repeat this process for every SMS number you want to assign to 3cx.

**They really do not want us to use a "supported provider" for SMS.**