



# call4tel Nx 32 Lite 3CX Break Free with a Software Based PBX User Guide

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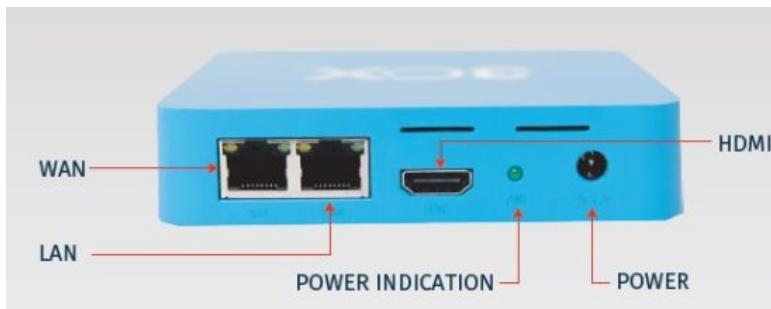
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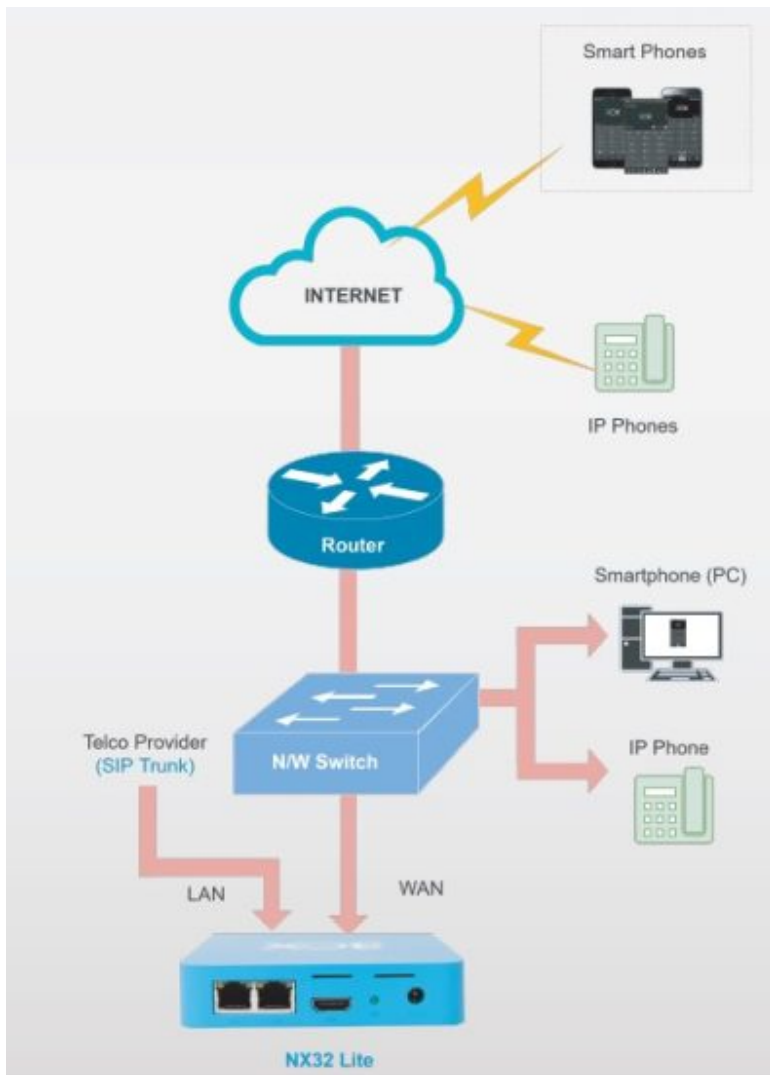
## call4tel Nx 32 Lite 3CX Break Free with a Software Based PBX User Guide



### STEPS



### CALL4TEL NX32 LITE – CONNECTION PROCEDURE



## STEPS

- Step 1: Web Access
  - Step 2: IP Configuration
  - Step 3: Allow IP in Firewall
  - Step 4: SIP Connect – Allow static route
  - Step 5: 3CX Licensing
  - Step 6: Configure SBC
  - Step 7: Profile
  - Step 8: Need to change Password?
  - Step 9: On new version available
  - Step 10: After Update
  - Step 11: Indicators and Beepers
- On this topic

## 01 Web Access

### 1.1 URL

WAN	<your ip>:5448
LAN	http://192.168.101.1:5448

## 1.2 To Access device

<b>WAN</b>	1) Connect WAN to DHCP Network 2) WAN gets the IP from DHCP Network to find IP. Download Call4tel NX Detector tool in the link below. <b>Download Link:</b> <a href="http://update.call4tel.com/detector/NX32_DETECTOR.zip">http://update.call4tel.com/detector/NX32_DETECTOR.zip</a> Once the IP address found proceed with URL: <b>URL:</b> <a href="http://&lt;your ip&gt;:5448">http://&lt;your ip&gt;:5448</a> <b>Mandatory:</b> Set the WAN IP (the one which is connected to the internet and the network with all the phones) to be static.
<b>LAN</b>	<a href="http://192.168.101.1:5448">http://192.168.101.1:5448</a>

1.3 Connect the WAN port to your Switch or Router, using the (included) network cable.

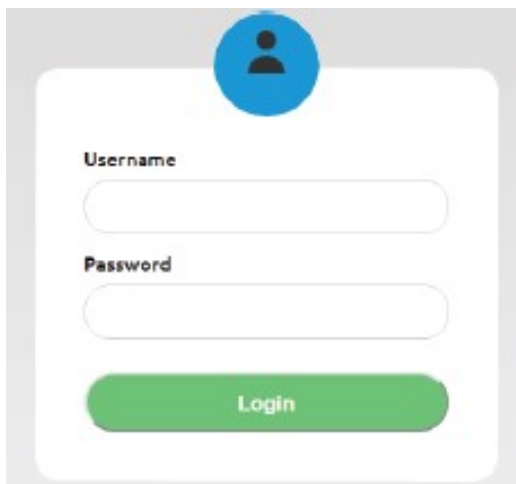
1.4 URL: <http://<your ip>:5448>

## STEPS

1.5 Enter username & password

Username : root

Password : 3cx



A login form with a blue circular icon containing a person silhouette at the top. Below it are two input fields: 'Username' and 'Password'. At the bottom is a green 'Login' button.

## 02 IP Configuration

### LAN

2.1 By default, "Obtain IP address automatically" will be enabled and the system will obtain IP address automatically.

2.2 By selecting "Use the following IP address", the system will be enabled to update a custom LAN IP Address.

Version 1.228

**IP CONFIGURATION**
FIREWALL
SIP CONNECT
3CX
WARRANTY
CONTACT US

☐ Obtain an IP address automatically
☒ Use the following IP address

**LAN**  
Update IP Details

Address
192
168
101
1
Netmask
255
255
255
0
Gateway
192
168
101
1

Update Lan

## WAN

2.3 By default, “Use the following IP address”, the system will be enabled to update custom WAN IP Address.

2.4 By selecting “Obtain IP address automatically” the system will obtain an IP address automatically.

☒ Obtain an IP address automatically
☐ Use the following IP address

**WAN**  
Update IP Details

Address
Netmask
Gateway

Update Wan

## DNS Information

2.5 By default “DNS” will be obtained automatically

☒ Obtain an IP address automatically
☐ Use the following IP address

**WAN**  
Update IP Details

Address
Netmask
Gateway

Update Wan

## 03 Allow IP in Firewall

Allow All: Allow all ip address

You can allow IP in Firewall (External access for port 5448) by selecting any one option

Allow IP: Allow only specific ip address

Allow IP Range: Allow specific ip address with range

Firewall changes: Can delete IP address added

IP CONFIGURATION

**FIREWALL**

SIP CONNECT

3CX

WARRANTY

CONTACT US

You can allow IP in Firewall (External access for port 5448) by selecting any one option

☒ Allow All
 ☐ Allow IP
 ☐ Allow IP Range

Allow IP  
(in Firewall)

( OR )

/

Firewall Changes

☐

IP range 172.16.8.0/24 added - on 2019-07-23 04:31:12

Refresh

Update

## 04 SIP Connect – Allow static route

Allow IP: Allow only specific ip address with either LAN or WAN\ If you need to add a Static route, select “Static route” to update

Allow IP Range: Allow specific ip address in range either LAN or WAN

IP CONFIGURATION

FIREWALL

**SIP CONNECT**

3CX

WARRANTY

CONTACT US

Version 1.22

Static Route

☐ Allow IP
 ☐ Allow IP Range

☐ Lan
 ☐ Wan

Destination IP

( SIP Server )

( OR )

/

Need to delete IP Address added?

Click on delete button in “Route Changes” to delete the record

Route Changes

☐

IP 121.12.323.32 added - on 2019-07-23 02:39:03

## 05 3CX Licensing

Are you planning to install or reset 3CX and network?

Latest 3CX Version:

3CX Uninstall:

Are you planning to install or reset 3CX and network?

At all-times, the installed 3CX version will be displayed here.

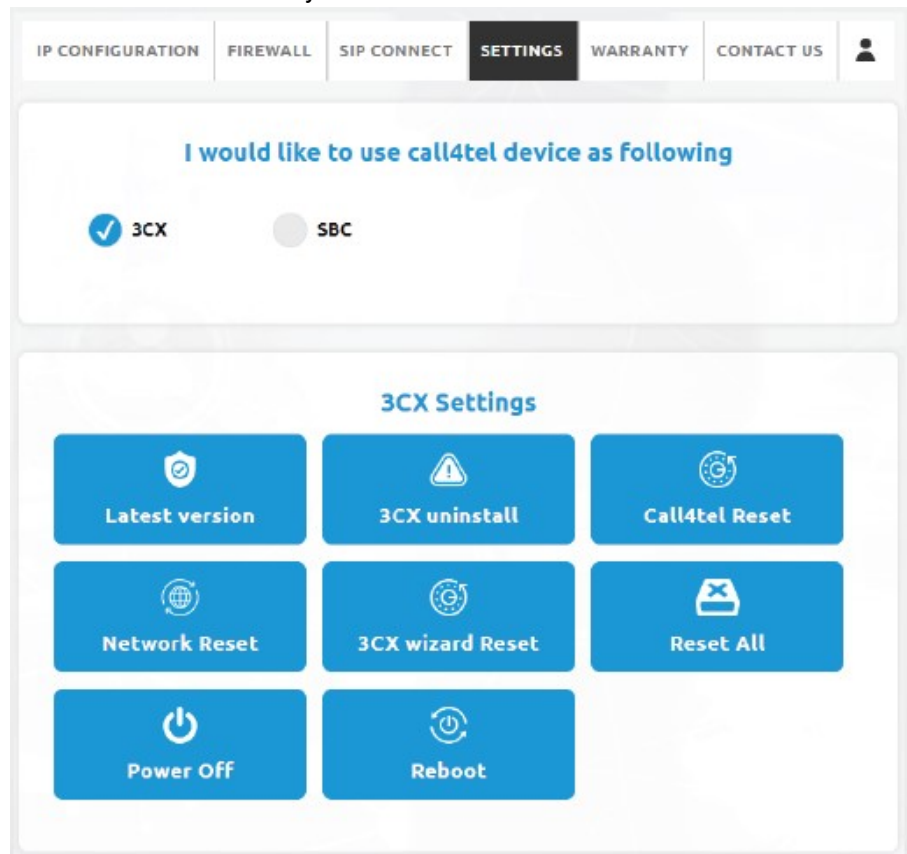
Need to check your 3CX version?

Call4tel Reset:

Network Reset:

3CX Wizard Reset:

Reboot: Click to Reboot your device



Need to check your 3CX version?

At all-times, the installed 3CX version will be displayed here.

## 06 Configure SBC

Are you planning to change 3CX to SBC?

Select SBC and then click "Change" to change device from 3CX to SBC

IP CONFIGURATION

FIREWALL

SIP CONNECT

SETTINGS

WARRANTY

CONTACT US

I would like to use call4tel device as following

☐ 3CX

☒ SBC

Change

3CX Settings

Latest version

3CX uninstall

Call4tel Reset

Network Reset

3CX wizard Reset

Reset All

Power Off

Reboot

Fill SBC Form and then click “Confirm” to change device from 3CX to SBC

SBC Form

Please enter your 3CX SBC details

3CX SBC Password

3CX Web Url

3CX SBC Authentication Key Id

Confirm

Cancel

After updating from 3CX to SBC, you can update SBC settings as follows:

**Call4tel Reset: Network Reset: Reset All: Power off:**



Click to reset call4tel NX device Click to reset network

Click to reset all settings

Click to Switch off your device

**Reboot:** Click to Reboot your device

SBC Uninstall:

**BC Config Update:**

Click to uninstall SBC Click to update SBC Config

IP CONFIGURATION

FIREWALL

SIP CONNECT

SETTINGS

WARRANTY


CONTACT US

I would like to use call4tel device as following


☐ 3CX

☒ SBC


3CX SBC Settings



Call4tel Reset




Network Reset




Reset All




Power Off



Reboot



SBC uninstall



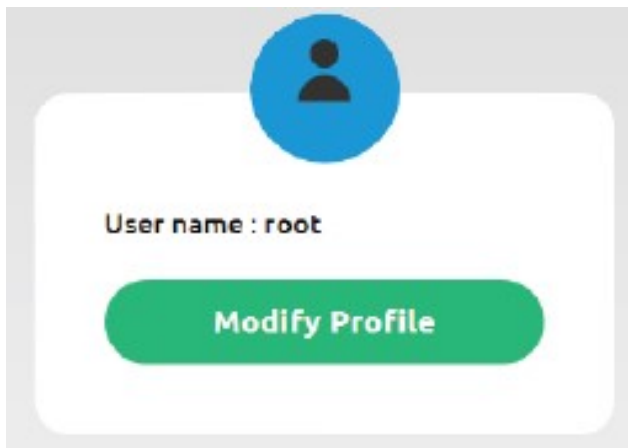
SBC Config Update

3CX SBC Information

3CX SBC: installed on NX32

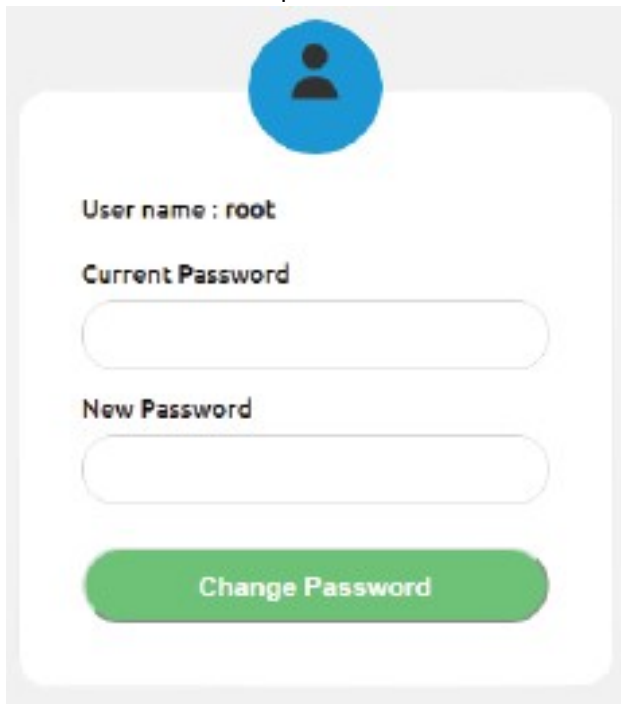
## 07 Profile

View / Update your profile



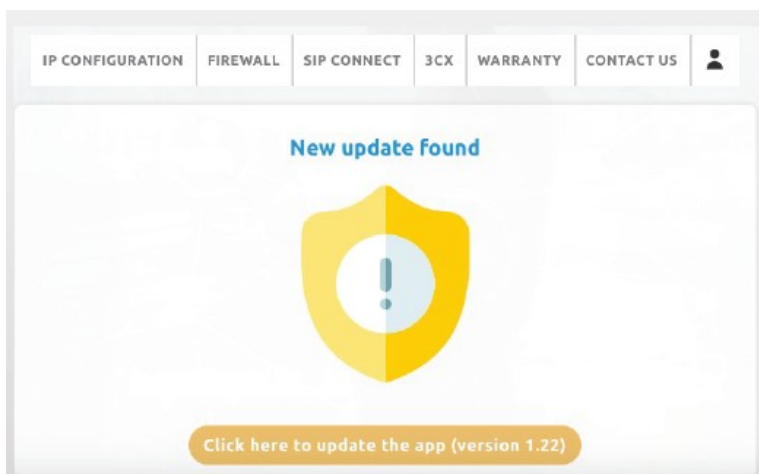
## 08 Need to change Password?

Enter current and new password and then click "Change Password"

A screenshot of a "Change Password" form. At the top, there is a blue circular icon with a black silhouette of a person. Below the icon, the text "User name : root" is displayed. Below that, there are two input fields: "Current Password" and "New Password". At the bottom, there is a green rounded rectangular button with the text "Change Password" in white.

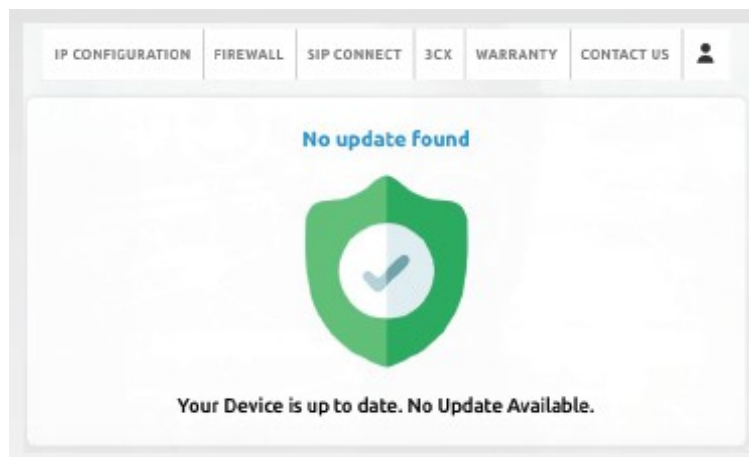
## 09 New version available

You will be notified once a new version is available. You can update by clicking the "click here" button



## 10 After update

Once the update is complete, you will be notified that “Your device is up to date”.

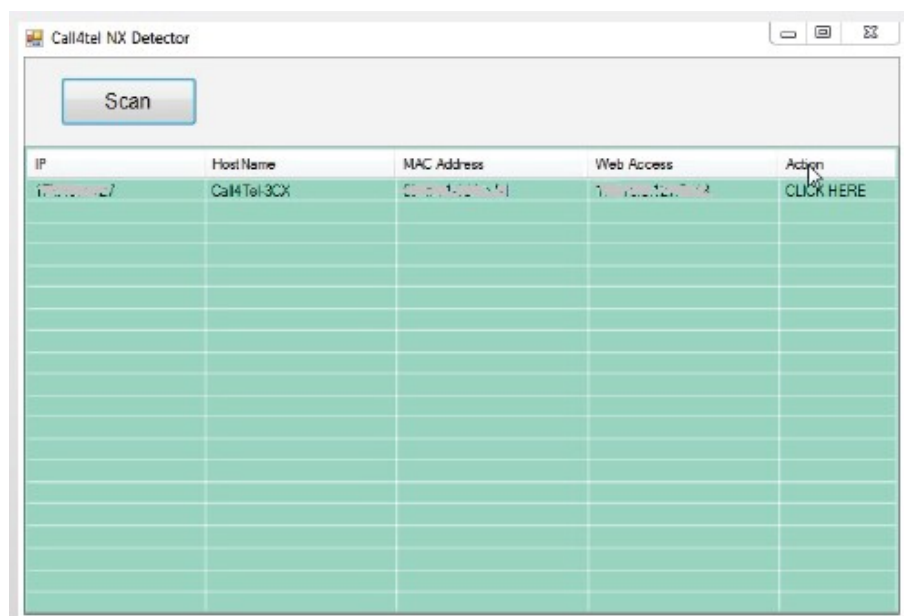


## 11 Indicators and Beepers

- a. When the power source is connected, you will hear a short beep which means, the system is powered up.
- b. When the system is started and ready, you will hear a long beep.
- c. A long press on RST button for 2-3 seconds and release, will ensure the system is powered off. You will hear four beeps as confirmation. The system is now successfully powered off.
- d. For reset – a long press on RST for maximum 8 seconds until you hear ten rapid beeps, resets the 3CX phone system & network settings and auto reboots to a fresh installation. Proceed to use the default IP address to access the setup interface.
- e. If the 12V power is disconnected or there is a sudden outage, the UPS battery residing inside is automatically triggered & executes the “Power-off” command to shut down the system safely, avoiding any data loss or system damage.

## Additional Guide

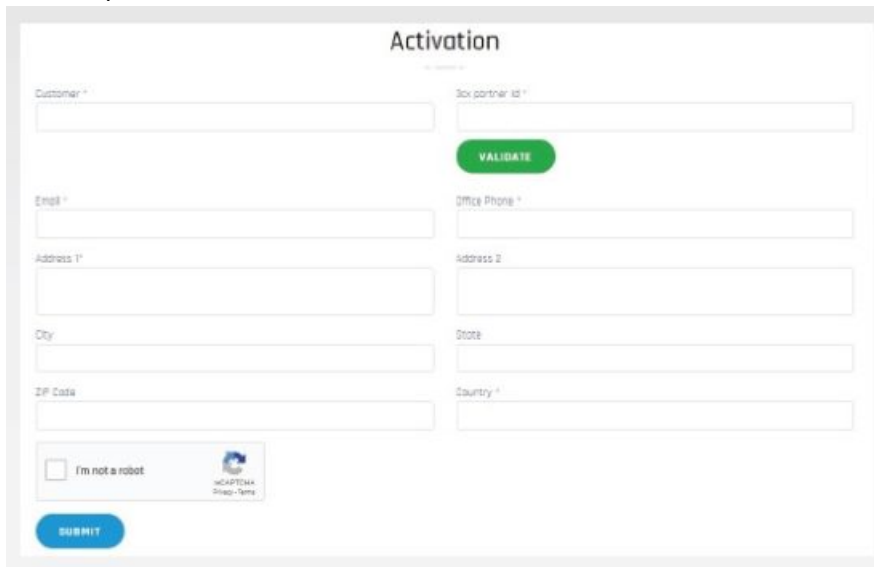
Call4tel NX32 Detector: To detect a connected NX32 device in your network, [http://updatec.cal4tkel.com/dehtector/NeX32\\_DrETECeTOR.zip](http://updatec.cal4tkel.com/dehtector/NeX32_DrETECeTOR.zip) to download



## How to obtain a License Key?

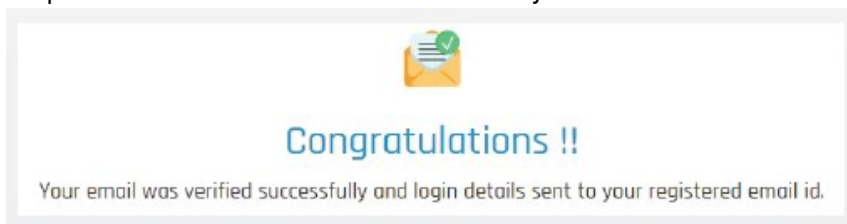
Step: 1 In order to get your 3CX license key, you need to fill in the form below and click the submit button to register your account.

URL: <https://www.call4tel.com/activation/>



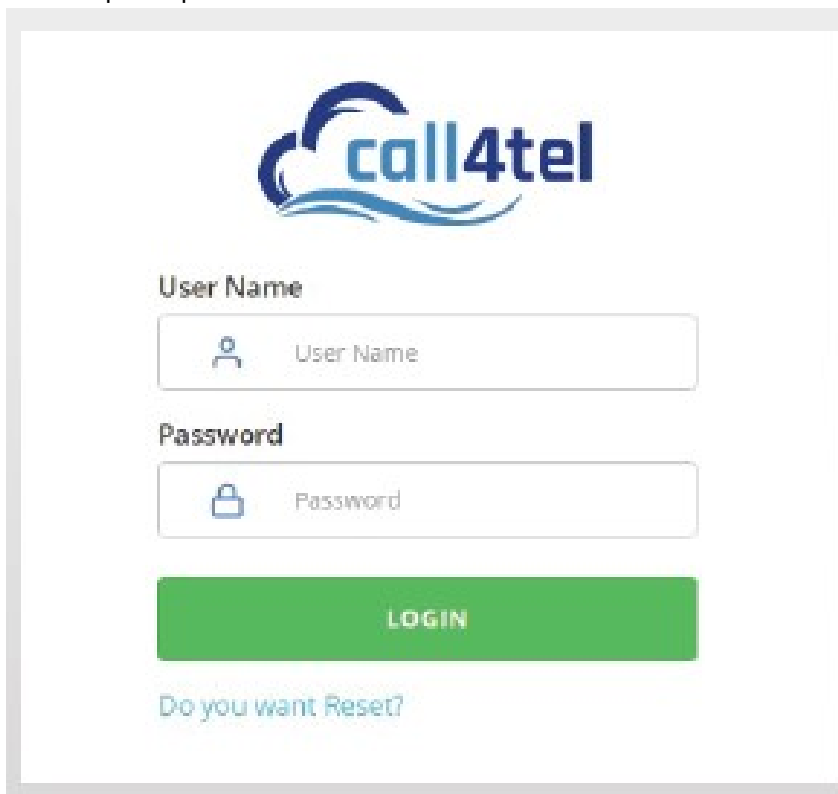
The activation form is titled "Activation" and includes a "3CX partner id" field. It contains two columns of input fields: "Customer", "Email", "Address 1", "City", "ZIP Code", "Office Phone", "Address 2", "State", and "Country". A green "VALIDATE" button is positioned between the "3CX partner id" and "Office Phone" fields. At the bottom left, there is a checkbox for "I'm not a robot" and a reCAPTCHA logo. A blue "SUBMIT" button is located at the bottom left of the form.

Step: 2 You will receive an email to confirm your email address.



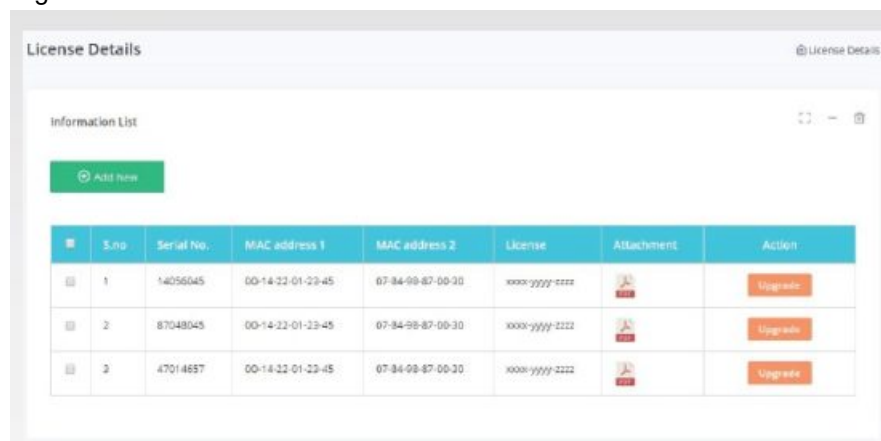
Step: 3 Go to the Call4tel portal login area and enter your Username and Password and then click Login.

URL: <https://erp.cal4care.com/nx32/>






The login form features the Call4tel logo at the top. Below the logo are two input fields: "User Name" and "Password", each with a corresponding icon (a person for the username and a padlock for the password). A green "LOGIN" button is positioned below the password field. At the bottom, there is a link that says "Do you want Reset?"

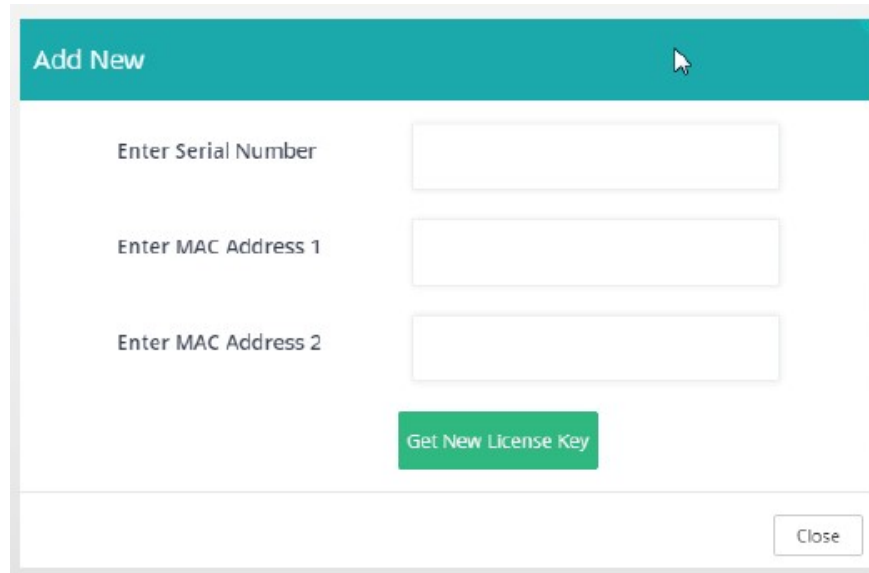
Step: 4 You can find the list of Licenses on the License Details page. In that window, click the “Add new” button to register a new license.



The screenshot shows the 'License Details' page. At the top, there is a header 'License Details' and a sub-header 'Information List'. Below the header is a green button labeled 'Add New'. Below the button is a table with the following columns: S.no, Serial No., MAC address 1, MAC address 2, License, Attachment, and Action. The table contains three rows of data.

S.no	Serial No.	MAC address 1	MAC address 2	License	Attachment	Action
1	14056045	00-14-22-01-22-45	07-84-98-87-00-30	xxxx-yyyy-zzzz		<button>Upgrade</button>
2	87048045	00-14-22-01-22-45	07-84-98-87-00-30	xxxx-yyyy-zzzz		<button>Upgrade</button>
3	47014657	00-14-22-01-22-45	07-84-98-87-00-30	xxxx-yyyy-zzzz		<button>Upgrade</button>

Step: 5 Enter your device serial number and mac address and click the “Get new license key”.




The screenshot shows the 'Add New' form. It has a teal header with the text 'Add New'. Below the header are three input fields: 'Enter Serial Number', 'Enter MAC Address 1', and 'Enter MAC Address 2'. Below these fields is a green button labeled 'Get New License Key'. At the bottom right of the form is a 'Close' button.


Step: 6 You will receive an email with your 3CX License details.

## How to upgrade your License Key?


Step: 1 Go to the Call4tel portal login area and enter your username and password and click the “Login” button.  
URL: <https://erp.cal4care.com/nx32/>



User Name



Password



LOGIN







[Do you want Reset?](#)

Step: 2 You can find the list of License keys here. Click the “Upgrade” button to upgrade your license.

License Details

Information List

[Add New](#)

#	S.no	Serial No.	MAC address 1	MAC address 2	License	Attachment	Action
	1	14058045	00-14-22-01-23-45	07-84-98-87-00-30	xxxx-yyyy-zzzz		<a href="#">Upgrade</a>
	2	87048045	00-14-22-01-23-45	07-84-98-87-00-30	xxxx-yyyy-zzzz		<a href="#">Upgrade</a>
	3	47014657	00-14-22-01-23-45	07-84-98-87-00-30	xxxx-yyyy-zzzz		<a href="#">Upgrade</a>

Step: 3 Select your available license and choose desired upgrade and then click “Add to cart” button.

License Upgrade

Choose Plan

I would like to

License Key  [Verify](#)

Edition

Simultaneous Call

[View Cart](#) [Add To Cart](#)

Step: 4 In the Cart Page you can see the upgrade details that you selected. After confirmation, click the “Proceed” button to progress to the payment page..

Cart Page

	Code	Description	Price (USD)	Qty	Discount (USD)	Amount (USD)
<input type="checkbox"/>	3CXPS	3CX Phone System Standard (32 Sim.calls) - 0 Year	10325.13	1	0.00 (0 %)	10325.13
<input type="checkbox"/>	3CXPS	Upgrade to 3CX Phone System Professional (128Sim.calls) (DU7-X8FG-GS3N-ONW(G) - 0 Year	10325.13	1	0.00 (0 %)	10325.13
<input type="checkbox"/>	3CXPS	Upgrade to 3CX Phone System Professional (256Sim.calls) (DU7-X8FG-GS3N-ONW(G) - 0 Year	10325.13	1	0.00 (0 %)	10325.13
Net Total						194985.86
Tax Value						0
Grand total						194985.86

Remove Selected

Proceed

Step: 5 Choose payment method and click the “Proceed” button to pay.

Payment Details

	Code	Particulars	Price (USD)	Qty	Discount (USD)	Total (USD)
<input type="checkbox"/>	3CXPS	3CX Phone System Standard (32 Sim.calls) - 0 Year	10325.13	1	0.00 (0 %)	10325.13
<input type="checkbox"/>	3CXPS	Upgrade to 3CX Phone System Professional (128Sim.calls) (DU7-X8FG-GS3N-ONW(G) - 0 Year	10325.13	1	0.00 (0 %)	10325.13
<input type="checkbox"/>	3CXPS	Upgrade to 3CX Phone System Professional (256Sim.calls) (DU7-X8FG-GS3N-ONW(G) - 0 Year	10325.13	1	0.00 (0 %)	10325.13
Net Total						194985.86
Discount Price						0
Tax Value						0
Transaction Charge						0
Grand Total						194985.86

Payment Terms

CDD





Coupon Code

Enter Coupon Code

Choose payment method



Credit or Debit Card (PayPal)

☐

Credit Card / Debit Card

☐

Back

Proceed

Step: 6 You will receive an email with your 3CX License details.

***Read More About This Manual & Download PDF:***

**Documents / Resources**



## [call4tel Nx 32 Lite 3CX Break Free with a Software Based PBX](#) [pdf] User Guide Nx 32 Lite, 3CX Break Free with a Software Based PBX

### References

- [🏠 Cost Effective, High-Performing 3CX PBX Appliances](#)
- [🕒 Log in Nx 32](#)
- [🏠 Cost Effective, High-Performing 3CX PBX Appliances](#)

Manuals+.