

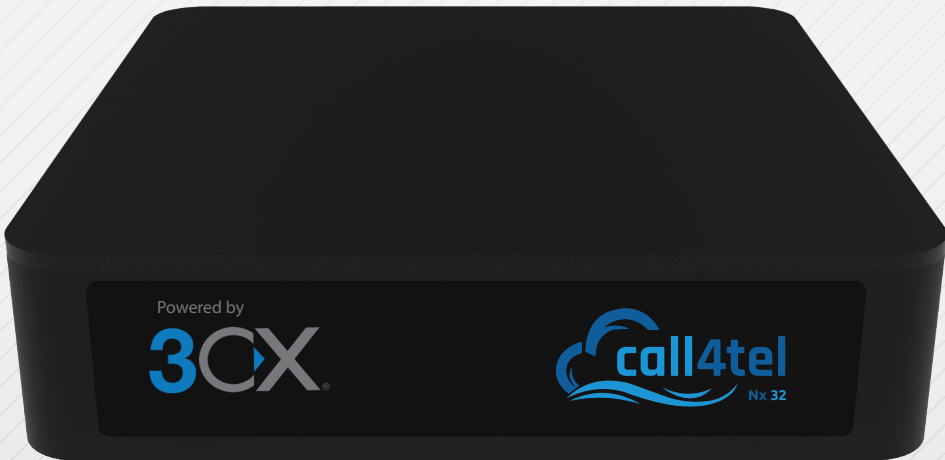


Model: Nx 32

3CX[®]

APPLIANCE

QUICK START



BREAK FREE

WITH A SOFTWARE BASED PBX



Novelty Techpoint, Singapore 536212

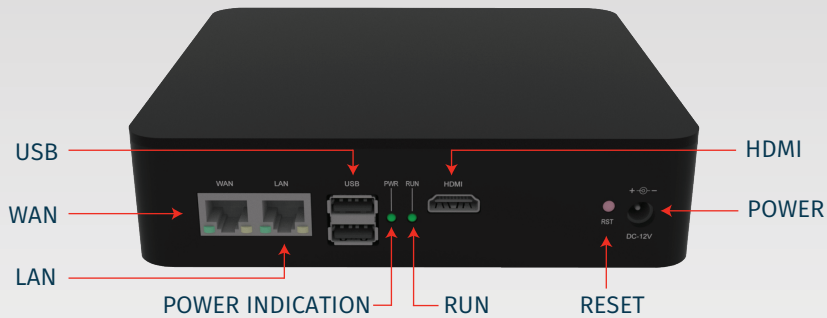


+65 6340 1005

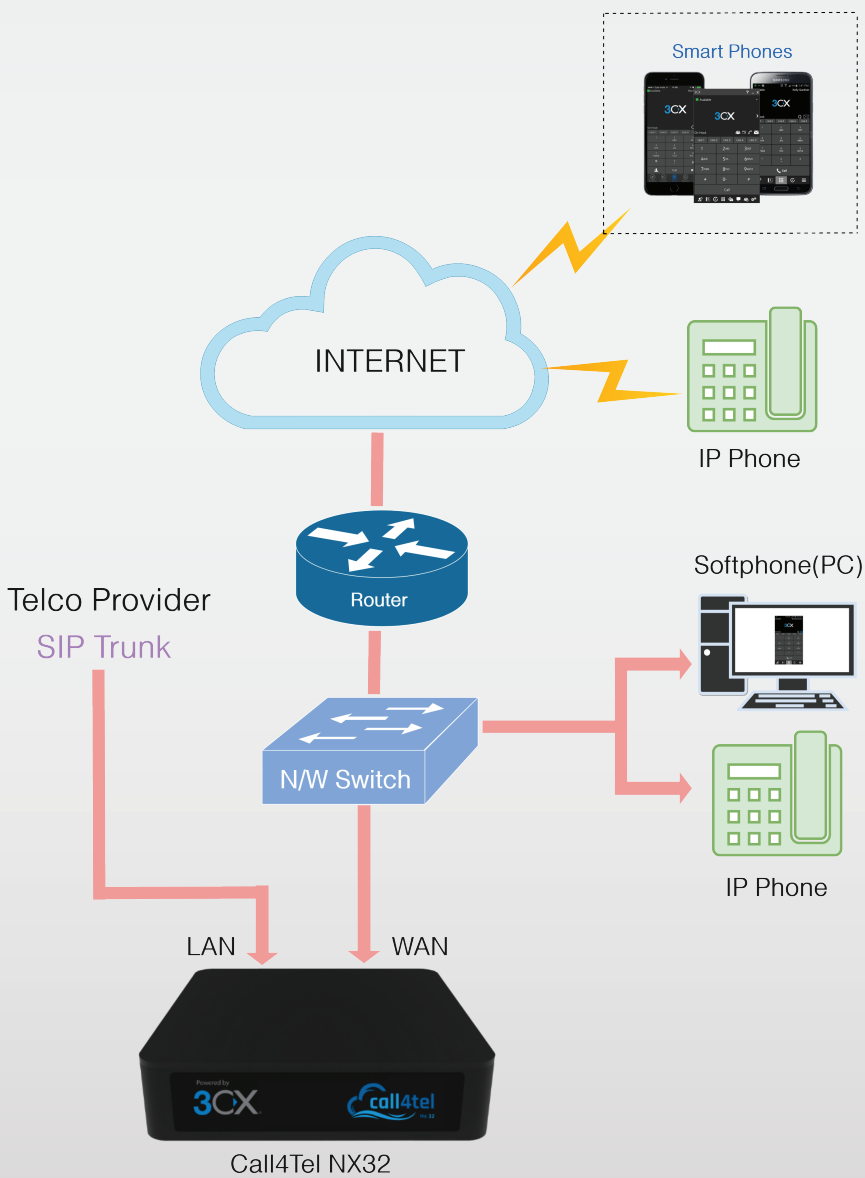


www.call4tel.com

STEPS



CALL4TEL NX32 DIAGRAM - CONNECTION PROCEDURE



STEPS

On this topic

- 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:** Profile
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 - Step 8:** On new version available
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- Additional Guide

01 Web Access

1.1 URL

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

1.2 To Access device

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

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

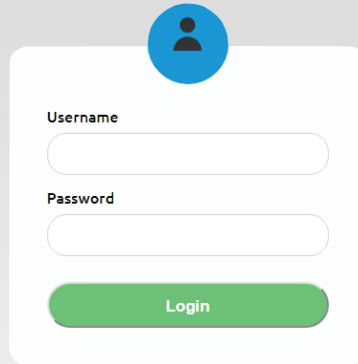
1.4 **URL:** <http://<your ip>:5448>

STEPS

1.5 Enter username & password

Username : root

Password : 3cx



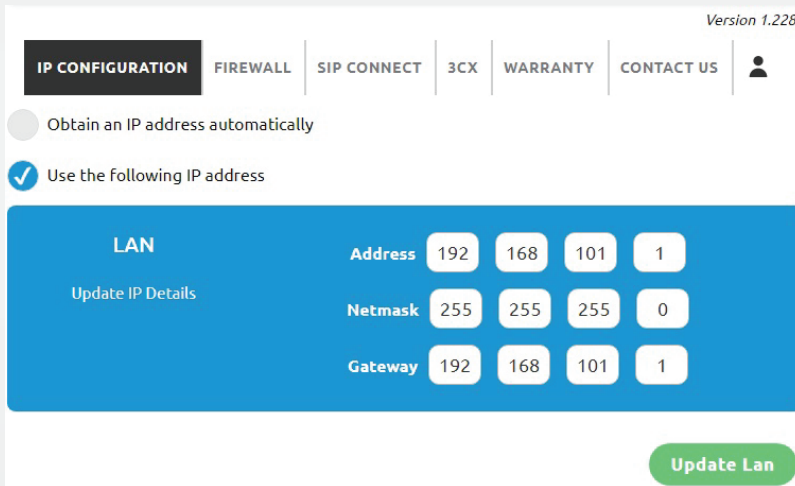
A login form with a blue circular icon containing a person silhouette at the top. Below it are two input fields: "Username" and "Password". At the bottom is a green "Login" button.

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 | Address | Netmask | Gateway |
|----------------------|----------------------|----------------------|----------------------|
| <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> |

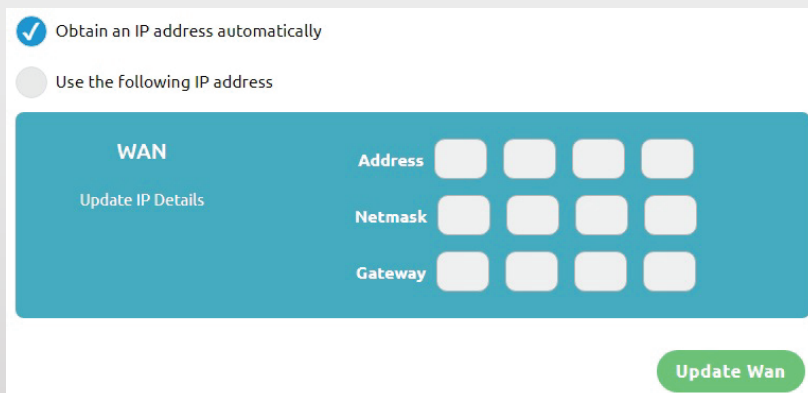
Update IP Details

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 | Address | Netmask | Gateway |
|----------------------|----------------------|----------------------|----------------------|
| <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> |

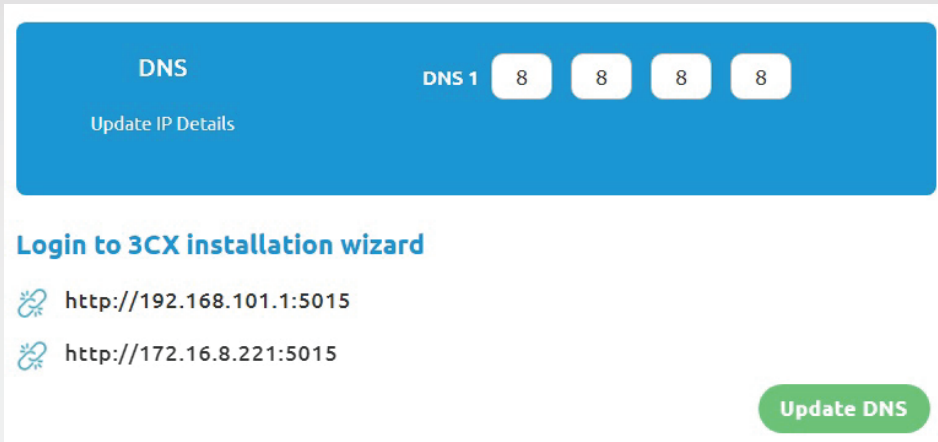
Update IP Details

Update Wan

STEPS

DNS Information

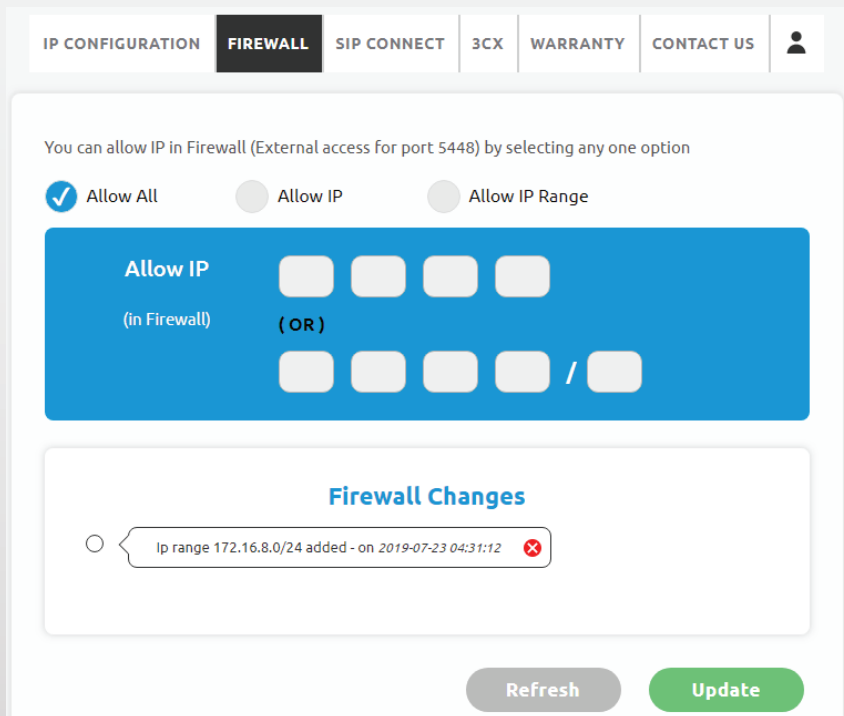
2.5 By default "DNS" will be obtained automatically.



03 Allow IP in Firewall

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

- Allow All:** Allow all ip address
- Allow IP:** Allow only specific ip address
- Allow IP Range:** Allow specific ip address with range
- Firewall changes:** Can delete IP address added



STEPS


04 SIP Connect - Allow static route

If you need to add a Static route, select “**Static route**” to update

Allow IP: Allow only specific ip address with either LAN or WAN

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

Version 1.22

IP CONFIGURATIONFIREWALLSIP CONNECT3CXWARRANTYCONTACT US

Static Route

Allow IP Allow IP Range

Lan Wan

Destination IP

(SIP Server) (OR)

/

Refresh

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✕

STEPS

05 3CX Licensing

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









- Latest 3CX Version:** Show 3CX latest version
- 3CX Uninstall:** Click to uninstall 3CX
- Call4tel Reset:** Click to reset call4tel NX device
- Network Reset:** Click to reset network
- 3CX Wizard Reset:** Click to reset 3CX
- Reset All:** Click to reset all settings
- Power off:** Click to Switch off your device
- Reboot:** Click to Reboot your device

IP CONFIGURATION FIREWALL SIP CONNECT **SETTINGS** WARRANTY CONTACT US 

I would like to use call4tel device as following

3CX SBC

3CX Settings

| | | |
|---|---|---|
|  Latest version |  3CX uninstall |  Call4tel Reset |
|  Network Reset |  3CX wizard Reset |  Reset All |
|  Power Off |  Reboot | |

Need to check your 3CX version?

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

3CX Information

3CX installed on NX32 :- V 16.0.2.910



STEPS

06 Configure SBC

Are you planning to change 3CX to SBC?

Select SBC and then click “**Change**” to change device from 3CX to SBC

The screenshot shows a navigation menu at the top with options: IP CONFIGURATION, FIREWALL, SIP CONNECT, **SETTINGS**, WARRANTY, CONTACT US, and a user icon. Below the menu, a message states: "I would like to use call4tel device as following". There are two radio buttons: "3CX" (unselected) and "SBC" (selected with a checkmark). A green "Change" button is positioned to the right of the "SBC" button. Below this, a section titled "3CX Settings" contains several blue buttons: "Latest version", "3CX uninstall", "Call4tel Reset", "Network Reset", "3CX wizard Reset", "Reset All", "Power Off", and "Reboot".

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

The screenshot shows a form titled "SBC Form". It contains a heading "Please enter your 3CX SBC details" followed by three input fields: "3CX SBC Password", "3CX Web Url", and "3CX SBC Authentication Key Id". At the bottom of the form, there are two buttons: a green "Confirm" button and a grey "Cancel" button.

STEPS

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

- Call4tel Reset:** Click to reset call4tel NX device
- Network Reset:** Click to reset network
- Reset All:** Click to reset all settings
- Power off:** Click to Switch off your device
- Reboot:** Click to Reboot your device
- SBC Uninstall:** Click to uninstall SBC
- SBC Config Update:** 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

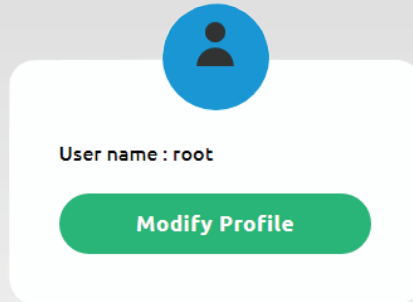
3CX SBC Information

3CX SBC: **installed on NX32**

STEPS

07 Profile

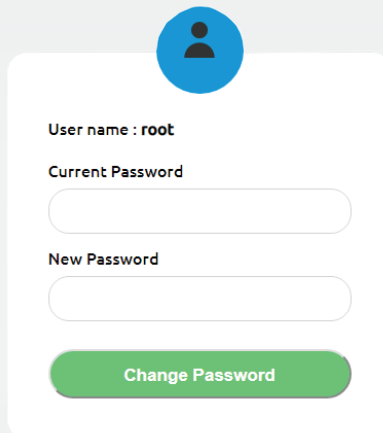
View / Update your profile



A white rounded rectangular card with a blue circular profile icon at the top center. Below the icon, the text "User name : root" is displayed. At the bottom of the card is a green rounded rectangular button with the text "Modify Profile" in white.

08 Need to change Password?

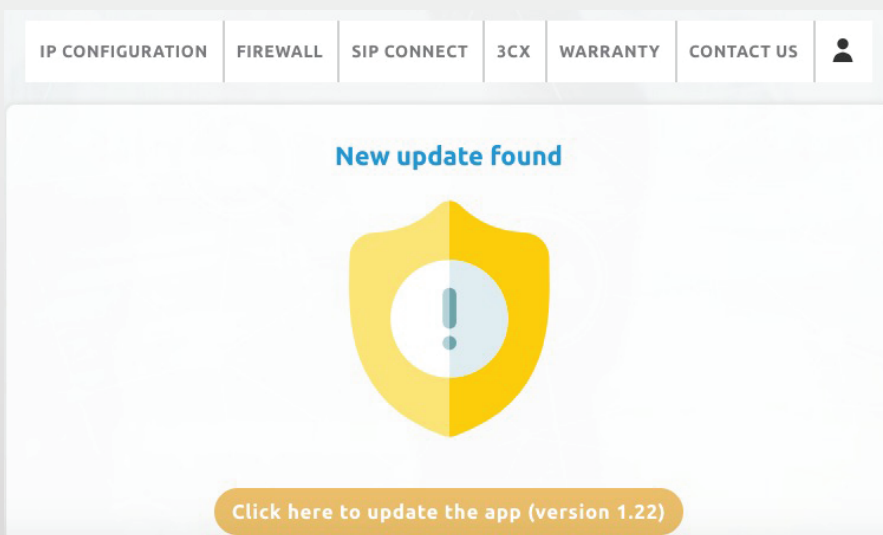
Enter current and new password and then click "**Change Password**"



A white rounded rectangular card with a blue circular profile icon at the top center. Below the icon, the text "User name : root" is displayed. Underneath, there are two input fields: "Current Password" and "New Password". At the bottom of the card 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

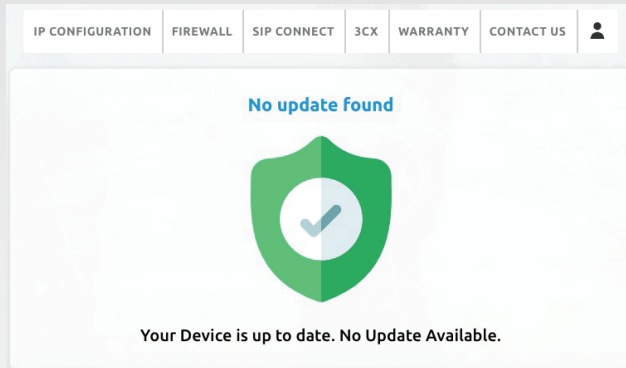


A notification banner with a white background and a light blue border. At the top, there is a navigation bar with buttons for "IP CONFIGURATION", "FIREWALL", "SIP CONNECT", "3CX", "WARRANTY", "CONTACT US", and a user profile icon. The main content area features the text "New update found" in blue, a large yellow shield icon with a white exclamation mark, and a yellow rounded rectangular button at the bottom with the text "Click here to update the app (version 1.22)".

STEPS

10 After update

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

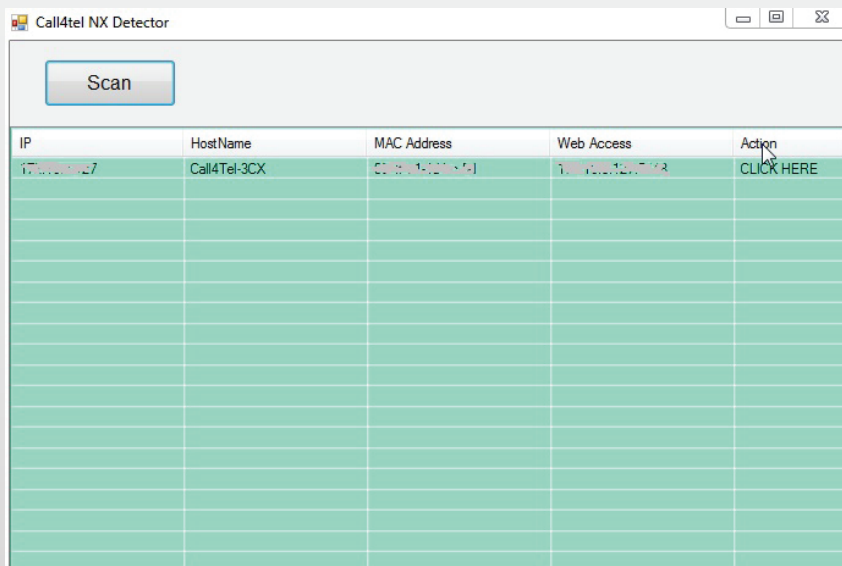


11 Indicators and Beepers

- 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, **click here** to download




STEPS

How to obtain a License Key?

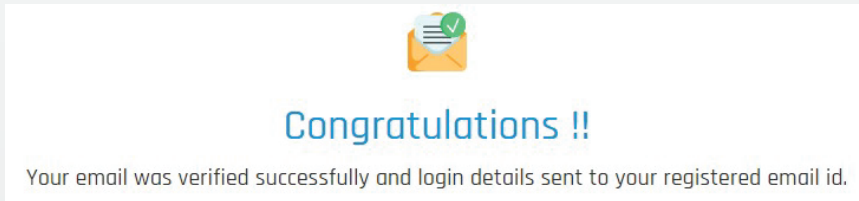
Step: 1 In order to get your 3CX license key, you need to fill in the form below and click the submit button to register your account.

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

Activation


| | |
|--|---|
| Customer * | 3cx partner id * |
| <input type="text"/> | <input type="text"/> |
| <input type="button" value="VALIDATE"/> | |
| Email * | Office Phone * |
| <input type="text"/> | <input type="text"/> |
| Address 1* | Address 2 |
| <input type="text"/> | <input type="text"/> |
| City | State |
| <input type="text"/> | <input type="text"/> |
| ZIP Code | Country * |
| <input type="text"/> | <input type="text"/> |
| <input type="checkbox"/> I'm not a robot |  reCAPTCHA Privacy - Terms |
| <input type="button" value="SUBMIT"/> | |

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/>



User Name

Password

[Do you want Reset?](#)



STEPS




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.

License Details

License Details

Information List

[Add New](#)

| | S.no | Serial No. | MAC address 1 | MAC address 2 | License | Attachment | Action |
|--------------------------|------|------------|-------------------|-------------------|----------------|---|-------------------------|
| <input type="checkbox"/> | 1 | 14056045 | 00-14-22-01-23-45 | 07-84-98-87-00-30 | xxxx-yyyy-zzzz |  | Upgrade |
| <input type="checkbox"/> | 2 | 87048045 | 00-14-22-01-23-45 | 07-84-98-87-00-30 | xxxx-yyyy-zzzz |  | Upgrade |
| <input type="checkbox"/> | 3 | 47014657 | 00-14-22-01-23-45 | 07-84-98-87-00-30 | xxxx-yyyy-zzzz |  | Upgrade |

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

Add New

Enter Serial Number

Enter MAC Address 1

Enter MAC Address 2

[Get New License Key](#)

[Close](#)

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

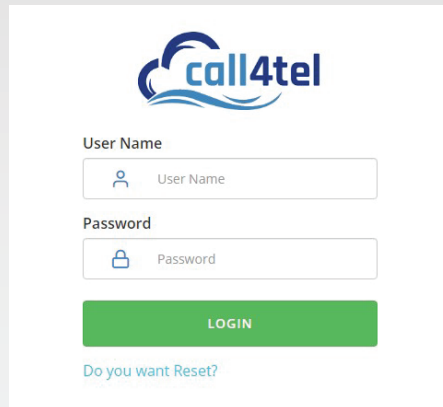


STEPS

How to upgrade your License Key?

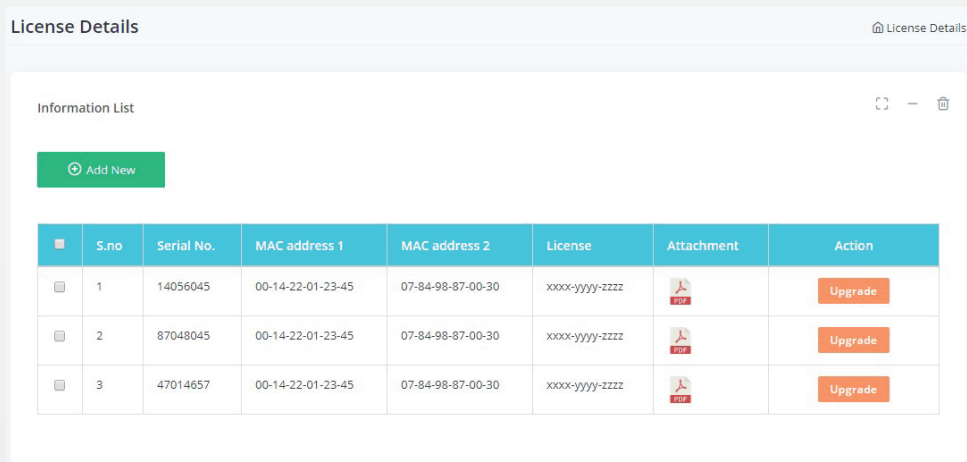
Step: 1 Go to the Call4tel portal login area and enter your username and password and click the “**Login**” button.

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



The image shows the Call4tel login page. At the top is the Call4tel logo. Below it are two input fields: 'User Name' with a person icon and 'Password' with a lock icon. A green 'LOGIN' button is positioned below the password field. At the bottom, there is a link that says 'Do you want Reset?'.

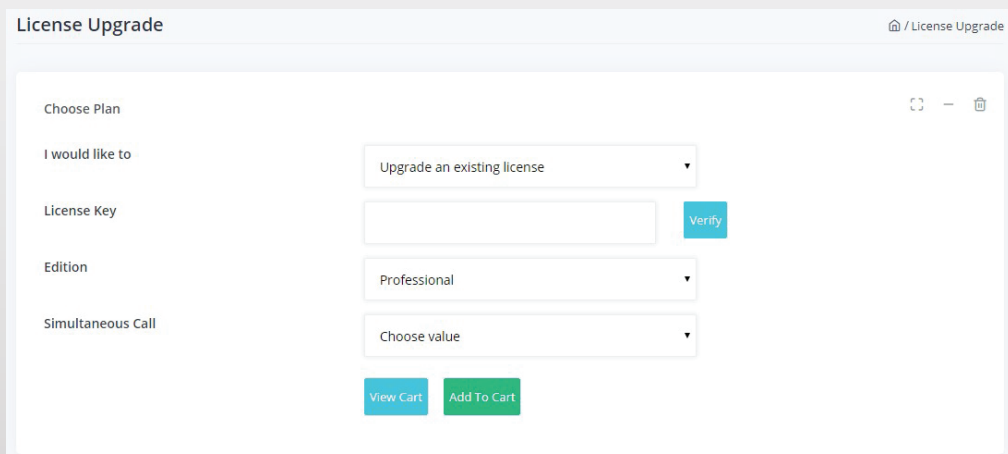
Step: 2 You can find the list of License keys here. Click the “**Upgrade**” button to upgrade your license.



The screenshot shows the 'License Details' page. It features a table with columns: S.no, Serial No., MAC address 1, MAC address 2, License, Attachment, and Action. There are three rows of license data, each with an 'Upgrade' button in the Action column. An 'Add New' button is located above the table.

| S.no | Serial No. | MAC address 1 | MAC address 2 | License | Attachment | Action |
|------|------------|-------------------|-------------------|----------------|------------|---------|
| 1 | 14056045 | 00-14-22-01-23-45 | 07-84-98-87-00-30 | xxxx-yyyy-zzzz | | Upgrade |
| 2 | 87048045 | 00-14-22-01-23-45 | 07-84-98-87-00-30 | xxxx-yyyy-zzzz | | Upgrade |
| 3 | 47014657 | 00-14-22-01-23-45 | 07-84-98-87-00-30 | xxxx-yyyy-zzzz | | Upgrade |

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



The screenshot shows the 'License Upgrade' page. It contains a form with the following fields: 'I would like to' (dropdown menu with 'Upgrade an existing license' selected), 'License Key' (input field with a 'Verify' button), 'Edition' (dropdown menu with 'Professional' selected), and 'Simultaneous Call' (dropdown menu with 'Choose value' selected). At the bottom, there are 'View Cart' and 'Add To Cart' buttons.

STEPS

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

| <input type="checkbox"/> | 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) (IDU7-X8FG-GS3N-ONXG) - 0 Year | 10325.13 | 1 | 0.00 (0 %) | 10325.13 |
| <input type="checkbox"/> | 3CXPS | Upgrade to 3CX Phone System Professional (256Sim.calls) (IDU7-X8FG-GS3N-ONXG) - 0 Year | 10325.13 | 1 | 0.00 (0 %) | 10325.13 |
| Net Total | | | | | | 194985.86 |
| Tax Value | | | | | | 0 |
| Grand total | | | | | | 194985.86 |

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

Payment Details

Payment Details

| <input type="checkbox"/> | 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) (IDU7-X8FG-GS3N-ONXG) - 0 Year | 10325.13 | 1 | 0.00 (0 %) | 10325.13 |
| <input type="checkbox"/> | 3CXPS | Upgrade to 3CX Phone System Professional (256Sim.calls) (IDU7-X8FG-GS3N-ONXG) - 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:

Coupon Code:

Choose payment method

Credit or Debit Card (PayPal)

Credit Card / Debit Card

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

