

Quintum Tenor AX

Configuration Guide



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01.04.2006

Disclaimer

This document is a configuration guide for the Quintum Tenor AX. Your Quintum Tenor must have firmware version P104_12_10 on it in order to complete calls on the network. If it does not, please download and install the latest firmware from www.quintum.com. This guide provides instructions for configuring device settings for easy access to the calling network.

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1. Hardware Connections

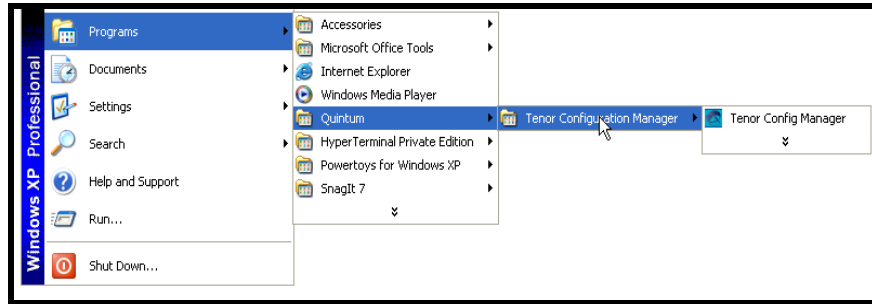
Connect your PC to the same network as the Quintum Tenor AX.

2. Configuring the Tenor AX

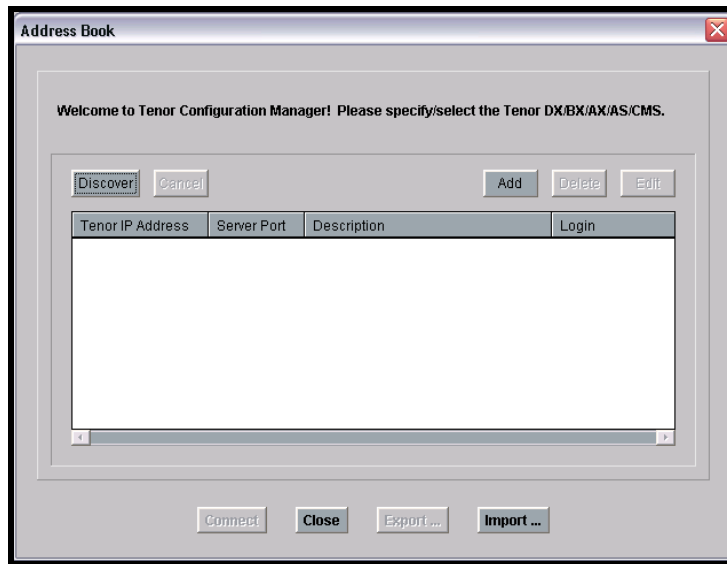
Configuration of the Quintum Tenor AX is accomplished via the Quintum Tenor Configuration Manager software. If you have not previously installed the Configuration Manager, download and install the latest version at www.quintum.com.

1. Launch the Configuration Manager by clicking the **Start** button. Then **click Programs-->Quintum-->Tenor Configuration Manager-->Tenor Configuration Manager**.

The Tenor Configuration Manager window opens.

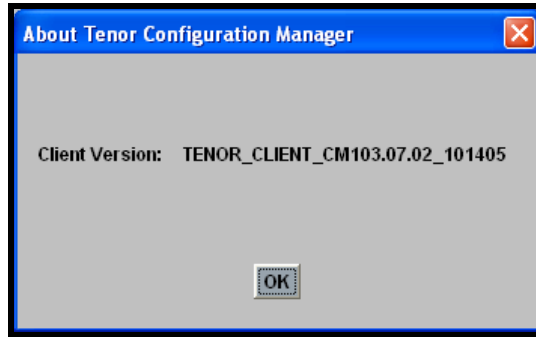


Configuration Manager Software



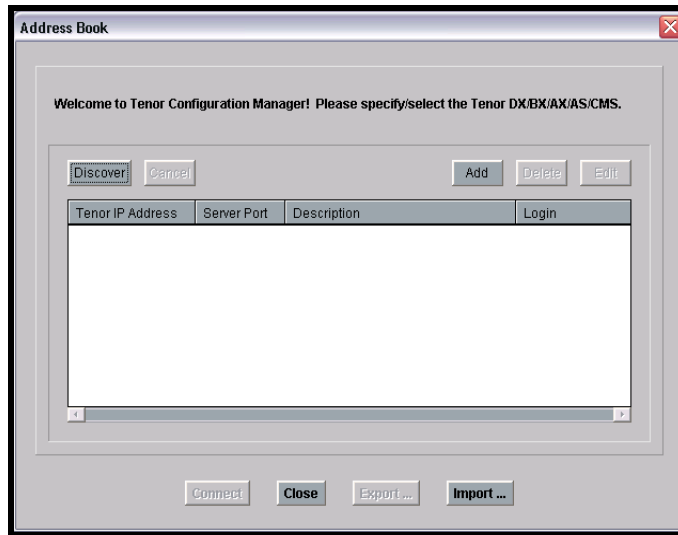
Tenor Configuration Manager Window

2. Click the **Close** button.
3. Click **Help-->About**. Verify that the Client Version is P104_12_10 or higher. If it is not, download and install the latest version of the Configuration Manager at www.quintum.com.



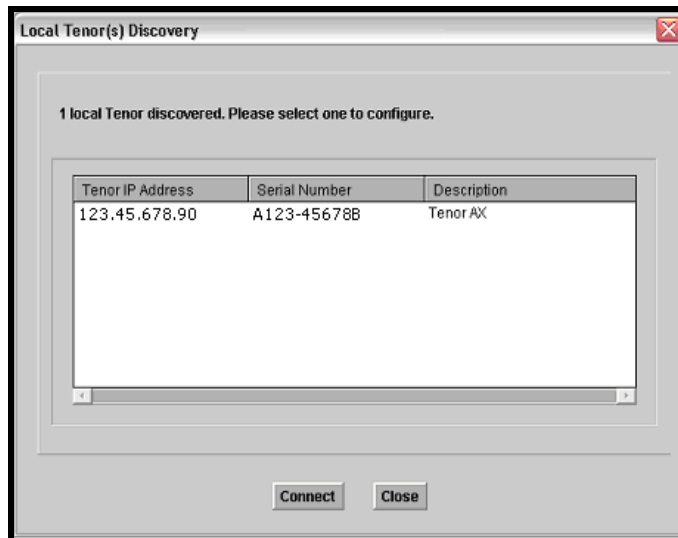
Client Version Number

4. On the menu bar at the top of the window click **File-->Connect**.
The *Address Book* window opens.



Address Book Window

5. Click the **Discover** button.
The *Configuration Manager* will search the local network for active gateways and display the results in the *Discovery* window.



Discovery Window

- Click on the Tenor you wish to configure, and then click the **Connect** button.
The Login and Password window opens.

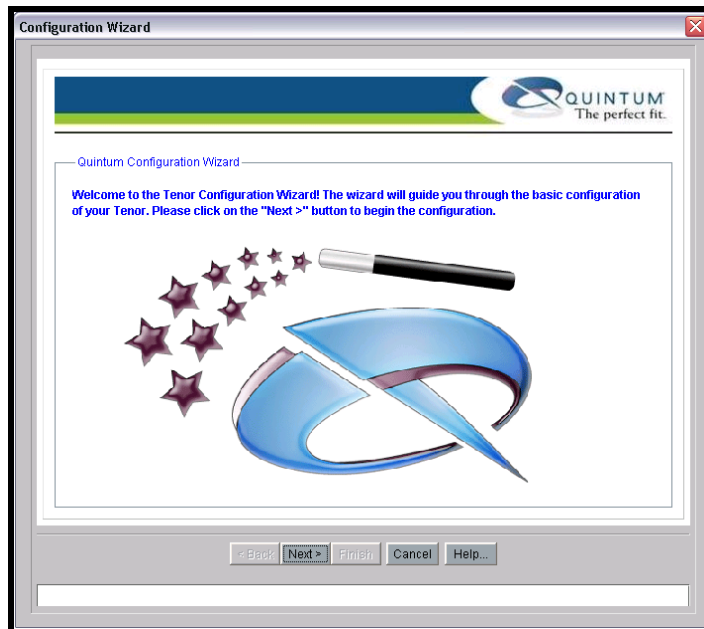
NOTE:

If more than one gateway is shown in the Discovery window and you are unsure which you want to configure, match the Serial Number displayed in the Discovery window to the Serial Number located on the bottom of the Gateway.



Login and Password Window

- In the **Login** field, enter the default login: **admin**.
- In the **Password** field, enter the default password: **admin**.
- Click the **OK** button.
The Quintum Configuration Wizard opens.

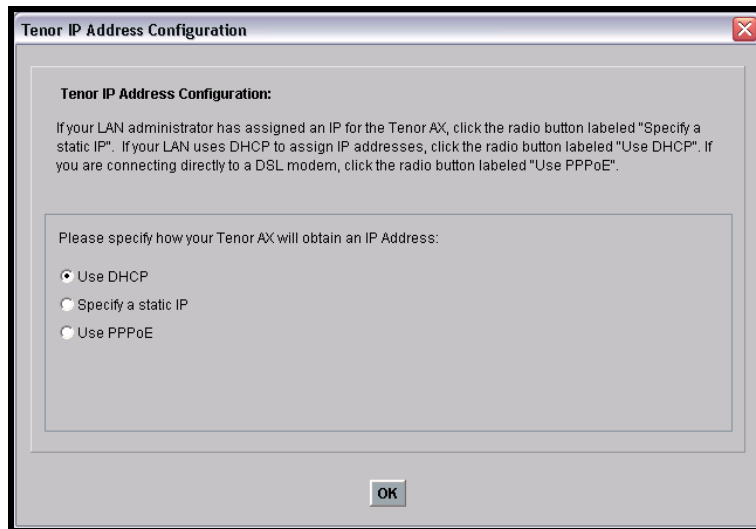
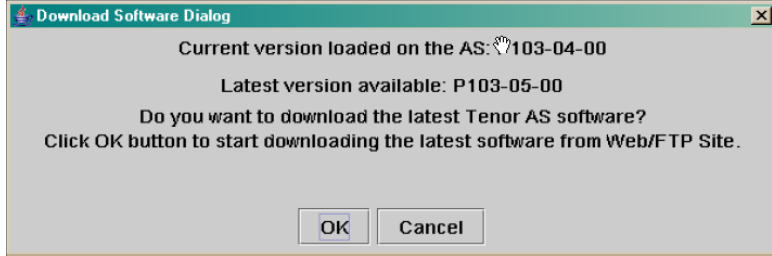


Quintum Configuration Wizard

- Click the **Next** button to continue.

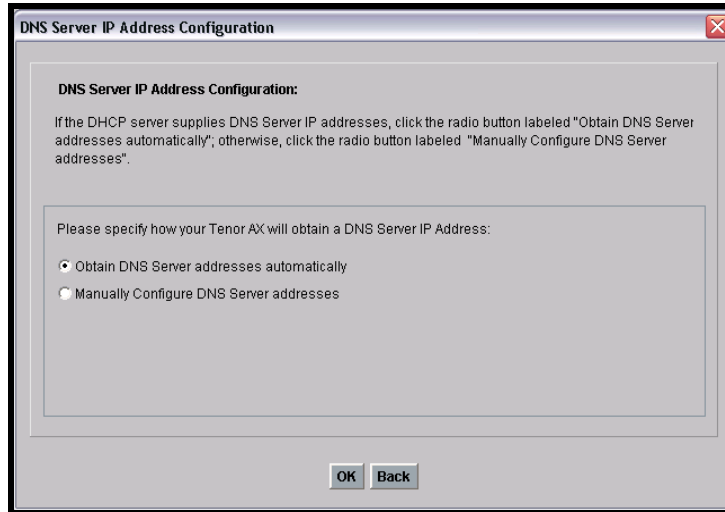
NOTE: If the Configuration Wizard does not start, restore the Tenor’s factory default settings by clicking on **Action-->Set Factory** from the Tenor Configuration Manager window. When the defaults have been restored, reconnect to the Tenor and the Wizard will start.

IMPORTANT: The Configuration Manager may check the Quantum server for new firmware. If it does, click the **Cancel** button to tell the Configuration Manager not to upgrade the firmware. Clicking **OK** may prevent the device from accessing the call network as only version P104_12_10 has access to the network.



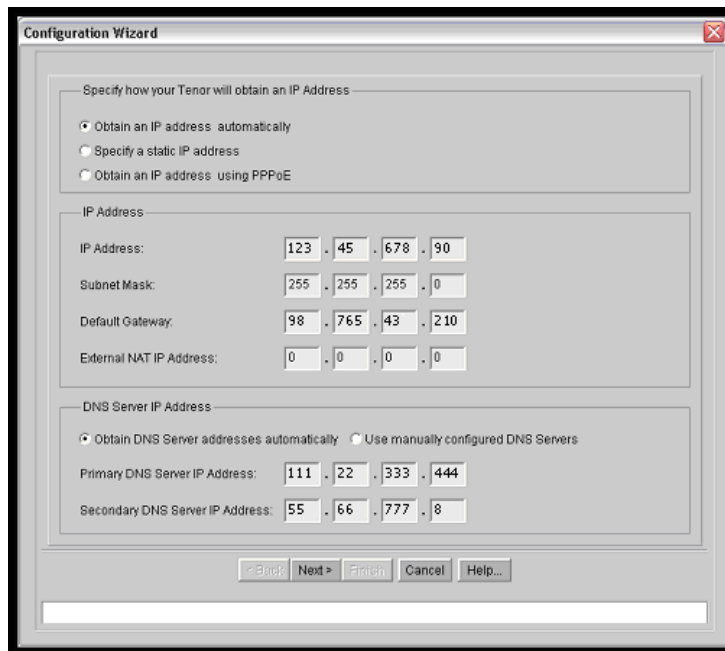
Tenor IP Address Configuration Window

11. Specify whether your Tenor should use DHCP or a static IP address, and then click the **OK** button.
The DNS Server IP Address Configuration window displays.



DNS Server IP Address Configuration

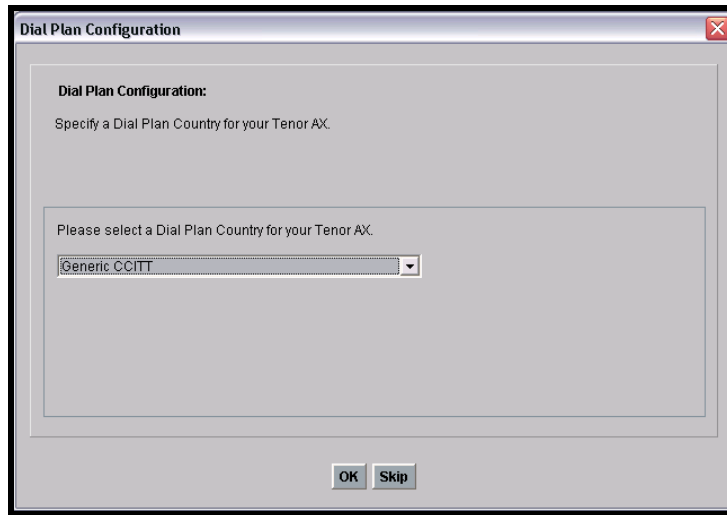
12. Specify whether the Tenor should use DHCP obtained or manually configured DNS servers, and then click the **OK** button.
The Tenor IP Information window displays.



Tenor IP Information Window

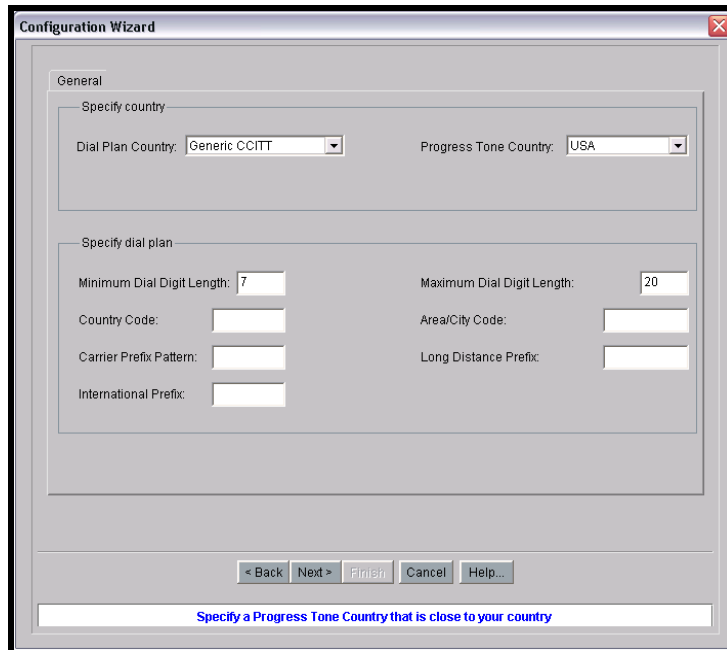
13. Specify the Tenor’s IP information.
 - If you will be using DHCP, keep the default settings.
 - If you will be using a static IP address, input the following information:
 - ⇒ IP Address
 - ⇒ Subnet Mask
 - ⇒ Default Gateway
 - ⇒ Primary DNS address
 - ⇒ Secondary DNS address

- Click the **Next** button to continue.
The Dial Plan Configuration window displays.



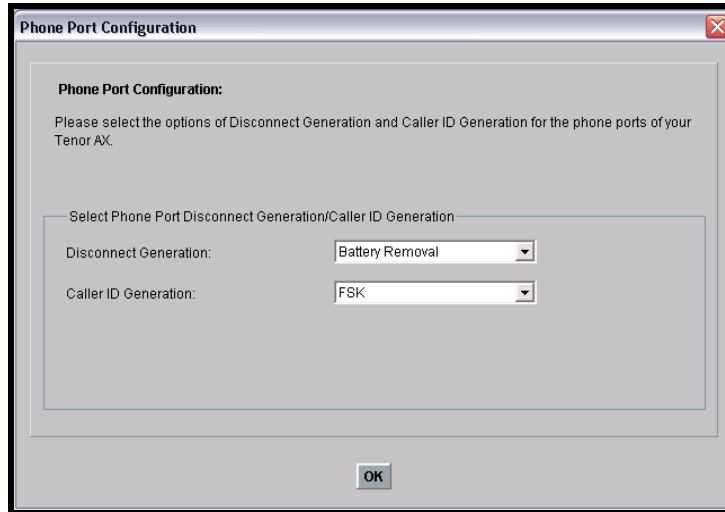
Dial Plan Configuration Window

- On the Dial Plan Configuration screen, click the **Skip** button.
The Dial Plan window displays.



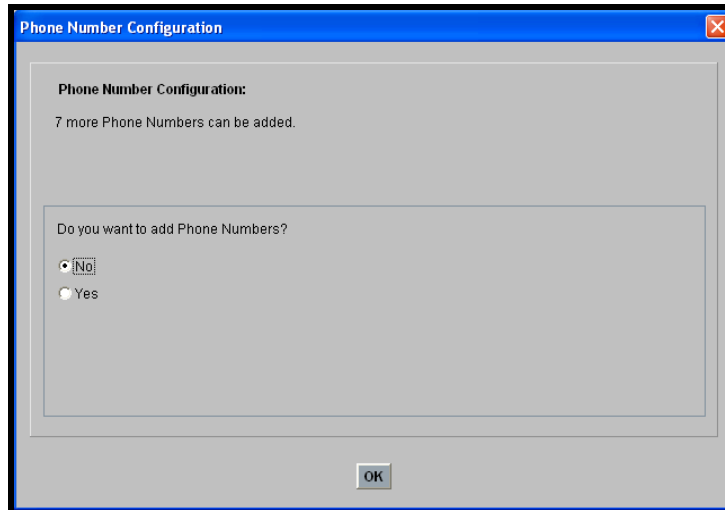
Dial Plan Window

- On the Dial Plan screen, click the **Next** button.
The Phone Port Configuration window displays.



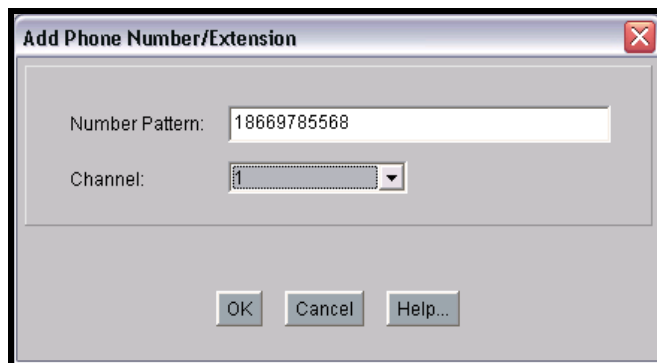
Phone Port Configuration Window

17. On the Phone Port Configuration screen, click the **OK** button. *The Phone Number Configuration window displays.*



Phone Number Configuration Window

18. Select **Yes** to add an inbound phone number, and then click the **OK** button. *The Add Phone Number/Extension window displays.*

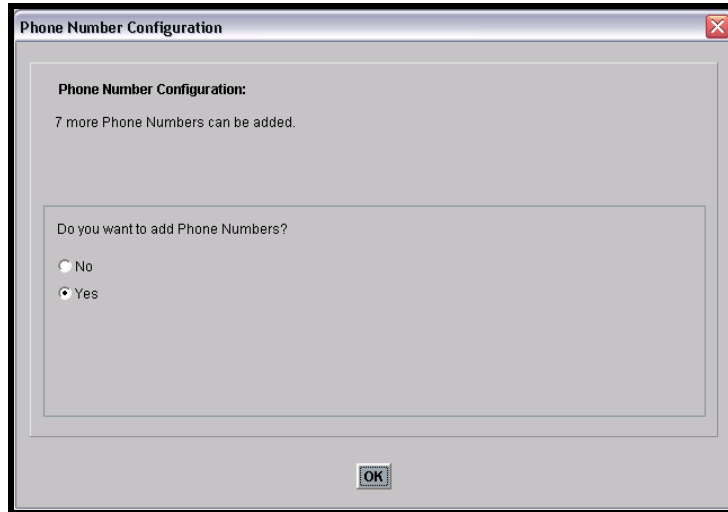


Add Phone Number/Extension Window

19. Enter the inbound phone number you want to configure for channel (port) 1. In most cases this is the inbound phone number attached to the account number you received from your reseller.

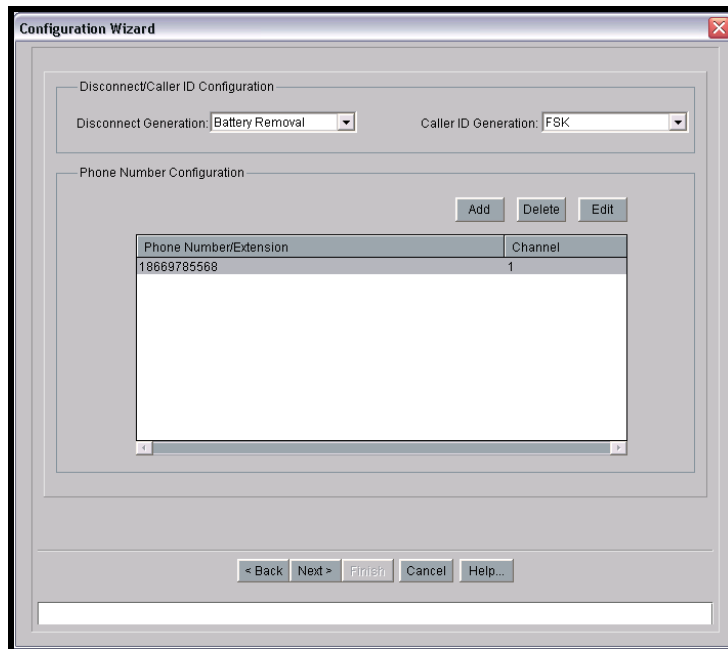
NOTE: The inbound phone number must be configured to receive inbound calls.

20. Click the **OK** button.
The Phone Number Configuration window asks if you would like to add phone numbers.



Phone Number Configuration Window (continued)

21. To add additional phone numbers on additional ports, select **Yes**. To continue with the configuration process select **No**.
22. Click the **OK** button.
The Phone Number/Extension Configuration window displays.



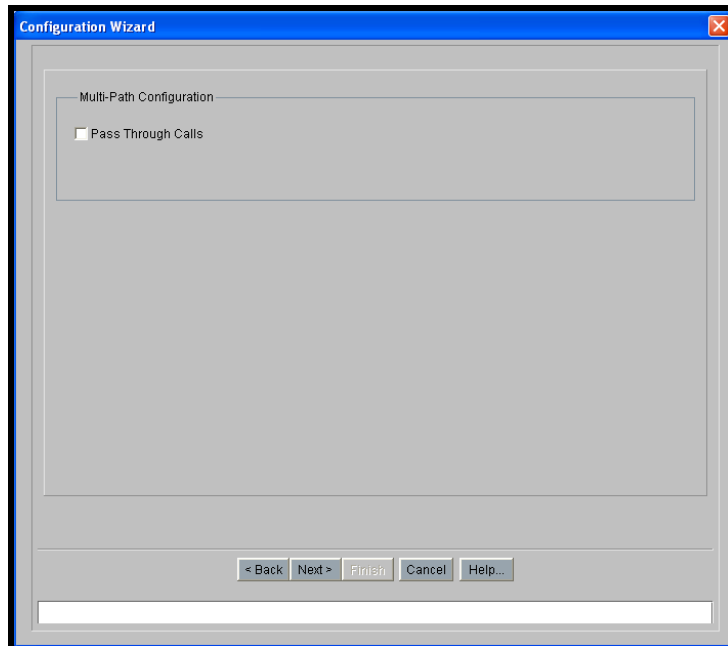
Phone Number/Extension Configuration Window

23. Click the **Next** button to confirm the configuration and continue with the setup.
The Multi-Path Configuration window displays.



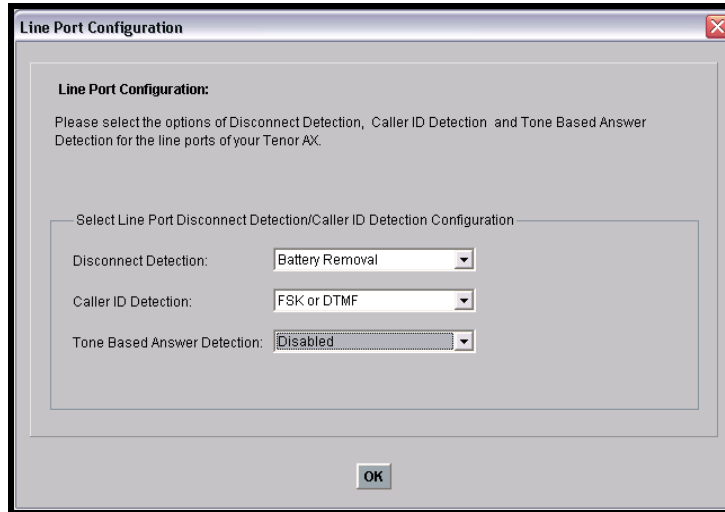
Multi-Path Configuration Window

24. Select **No** to disable the Pass Through feature, and then click the **OK** button.
The second Multi-Path Configuration window displays.



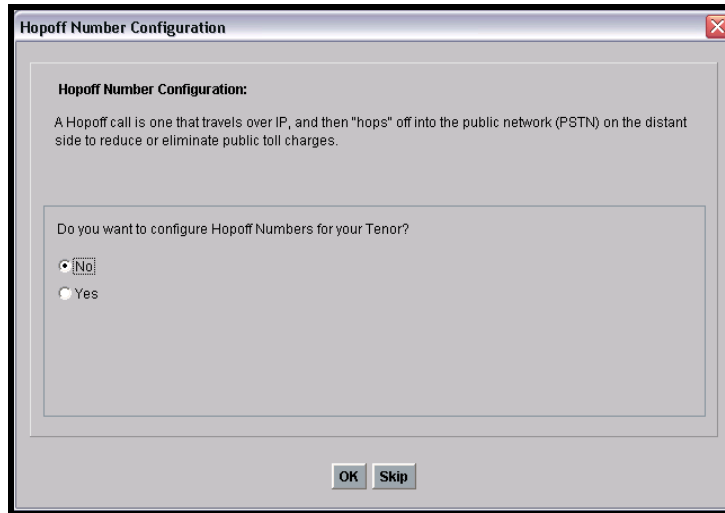
Multi-Path Configuration (continued)

25. Click the **Next** button to confirm the configuration and continue with the setup.
The Line Port Configuration window displays.



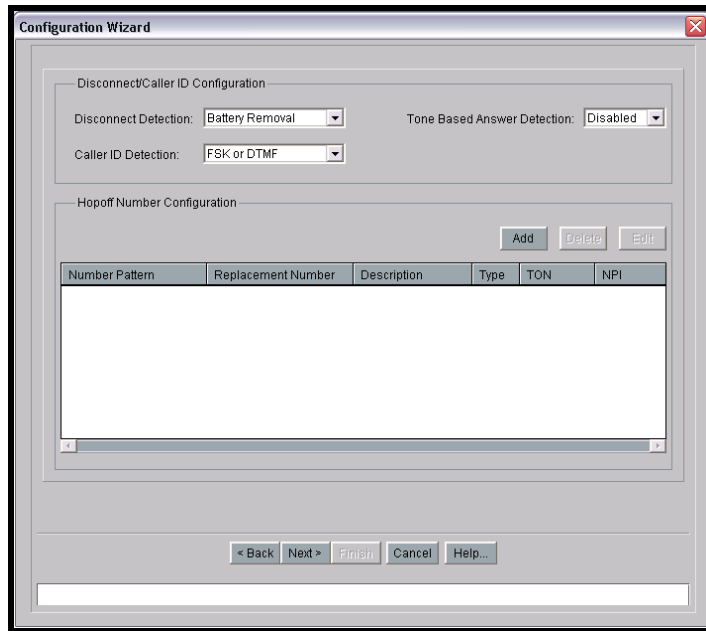
Line Port Configuration Window

26. Click the **OK** button.
The Hopoff Number Configuration window displays.



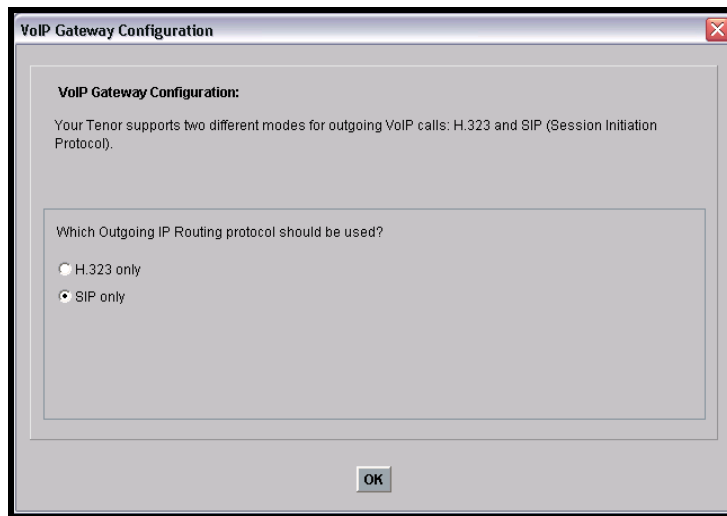
Hopoff Number Configuration Window

27. Select **No**, and then click the **OK** button to continue.
The Disconnect/Caller ID Configuration window displays.



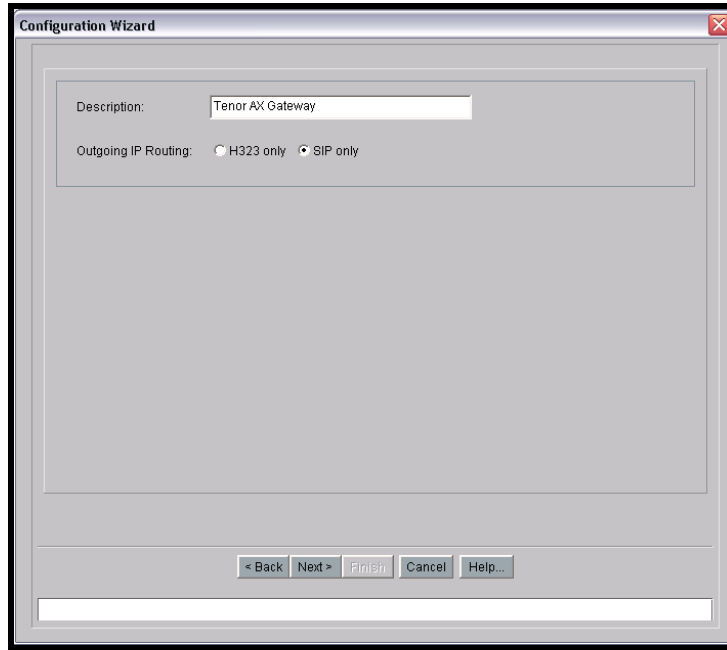
Disconnect/Caller Configuration Window

28. Click the **Next** button to confirm the configuration and continue with the setup. *The VoIP Gateway Configuration window displays.*



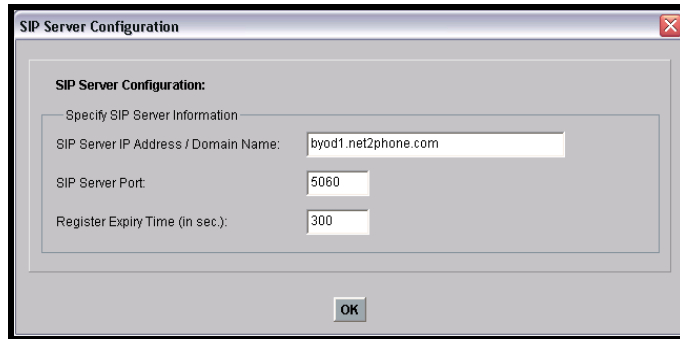
VoIP Gateway Configuration Window

29. Select the **SIP only** option, and then click the **OK** button. *The Gateway Description window displays.*



Gateway Description Window

30. Click the **Next** button to confirm the configuration and continue with the setup. *The SIP Server Configuration window displays.*

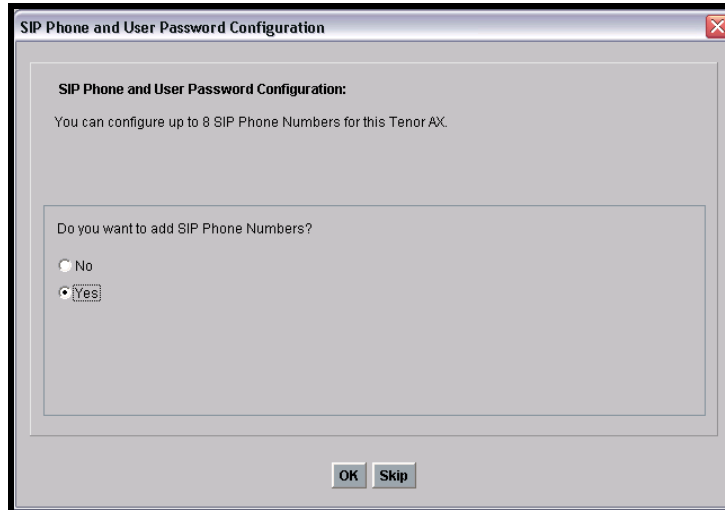


SIP Server Configuration Window

31. Enter the information as it appears in the following table:

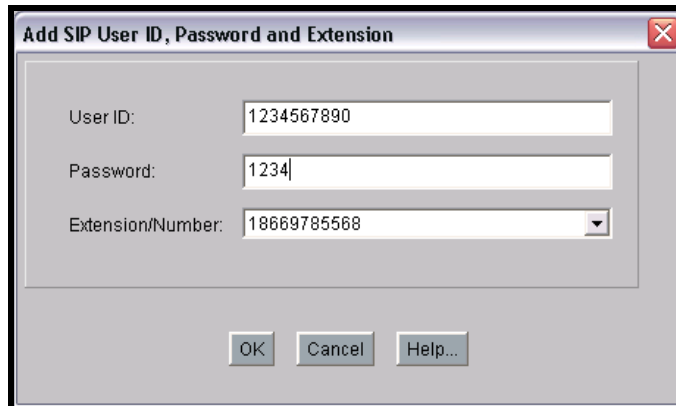
Field Name	Enter This Value
SIP Server IP Address/Domain Name	byod1.net2phone.com
SIP Server Port	5060
Register Expiry Time	300

32. Click the **OK** button to continue. *The SIP Phone and User Password Configuration window displays.*



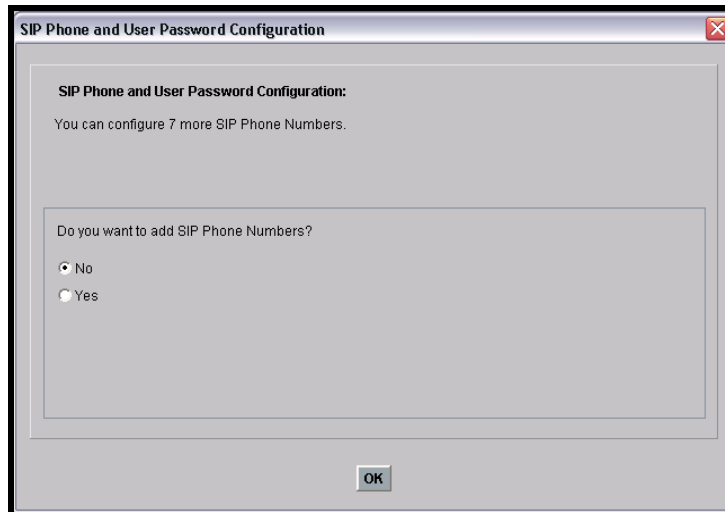
SIP Phone and User Password Configuration Window

33. Select **Yes**, and then click the **OK** button to continue.
The Add SIP User ID, Password and Extension window displays.



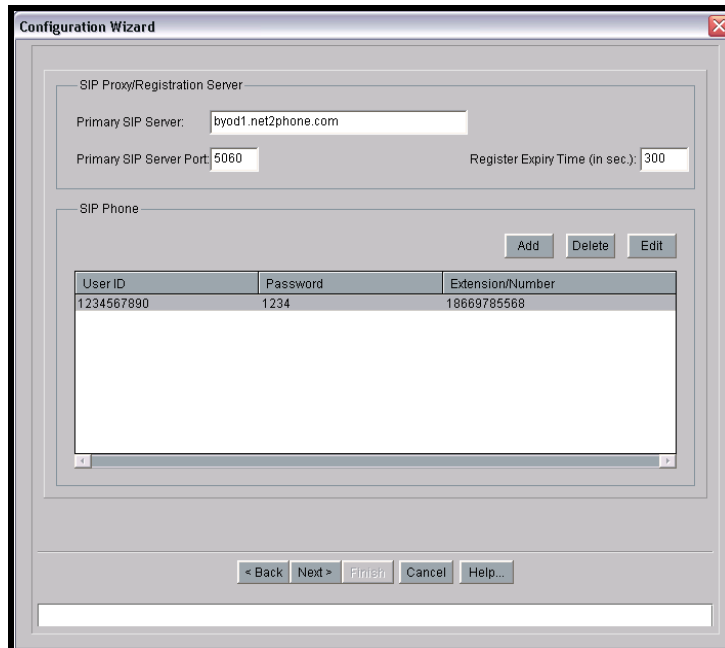
Add SIP User ID, Password and Extension Window

34. In the **User ID** field, enter your account number.
35. In the **Password** field, enter your PIN.
36. Click the **OK** button to continue.
The SIP Phone and User Password Configuration window displays.



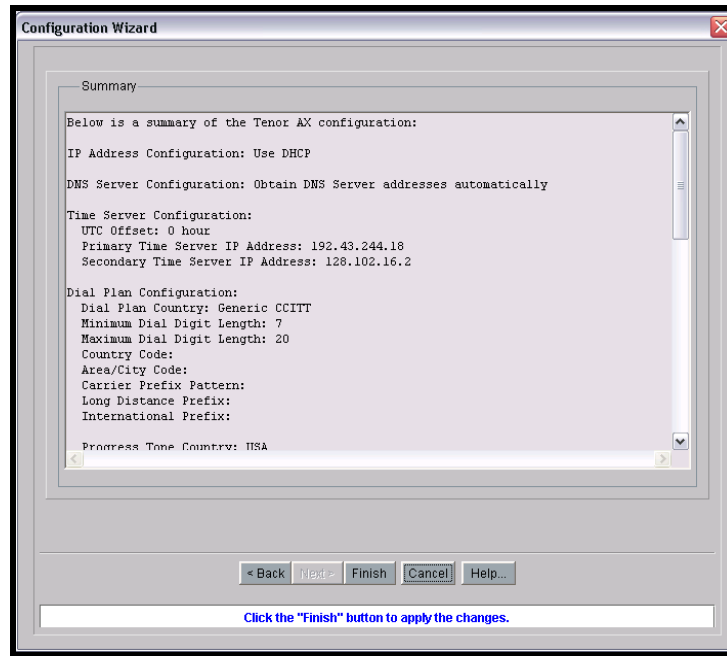
SIP Phone and User Password Configuration Window (continued)

37. To configure more account numbers (on additional ports) select **Yes**, otherwise select **No**.
38. Click the **OK** button.
The SIP Proxy/Registration Server window displays.



SIP Proxy/Registration Server Window

39. Click the **Next** button to confirm the configuration and continue with the setup.
The Tenor will save the settings, and the Configuration Summary window displays.



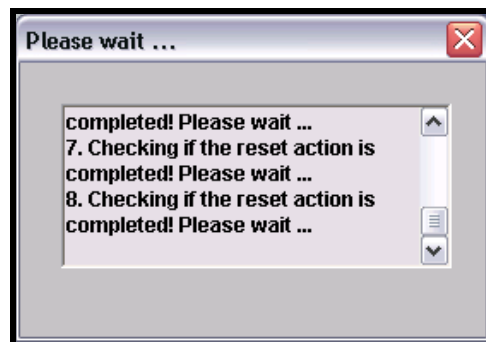
Configuration Summary Window

40. When the Finish message appears on the bottom of the screen, click the **Finish** button to continue.
The Confirm Reset Action window displays.

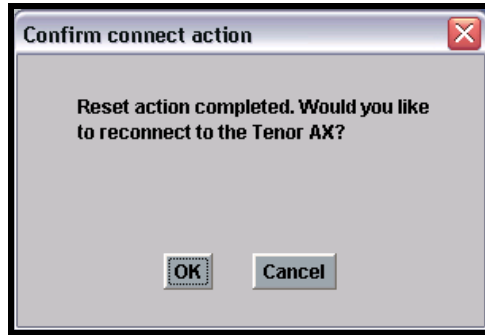


Confirm Reset Action Window

41. Click the **OK** button to restart and apply the settings.
As the Tenor restarts, the Status window will display the device's status. When the Tenor finishes rebooting the Confirm Connect Action window displays.



Tenor Status Window



Confirm Connect Action Window

42. Click the **OK** button to reconnect.

Congratulations! You are now able to make inbound and outbound calls on your Quintum Tenor.

3. Making Calls

Calling within North America

To place a call within North America:

1. Pick up the phone handset, and listen for a dial tone.
2. Using your phone keypad, dial:

1 + area code + local phone number

For example, if you are trying to reach someone whose area code is 212 and local number is 555-8888, you would dial **12125558888** on the phone's keypad.

Calling International Phone Numbers

To place a call to an International phone number:

1. Pick up the phone handset, and listen for a dial tone.
2. Using your phone keypad, dial:

international dialing code + country code + city code + local phone number

For example, let's assume you are in the US (where the international dialing code is 011), and you are trying to dial someone in Italy with the following phone number information:

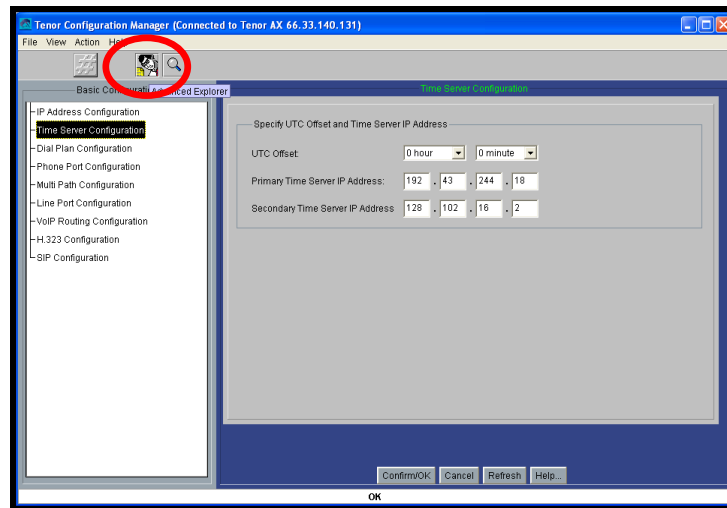
- ⇒ country code: 39
- ⇒ city code: 06
- ⇒ phone number: 555888

You would dial **01139065558888** on the phone's keypad.

4. Configuring the FXO Ports for a Second Dial Tone

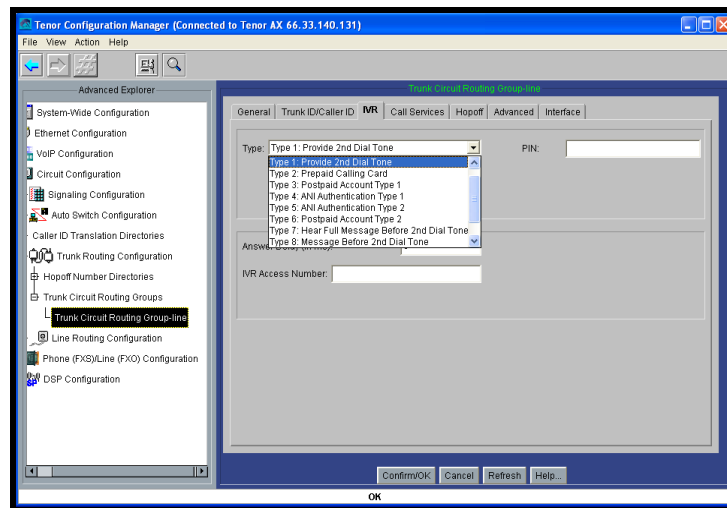
To configure your Tenor AX to provide a second dial tone when dialing into an FXO port, follow the instructions below.

1. Connect to the Tenor AX via the Tenor Configuration Manager as described in steps 1 through 10 in Chapter 2, **Configuring the Tenor AX**.
2. Once you are connected to the Tenor AX on the Tenor Configuration Manager, click on the **Advanced Explorer** icon on the menu bar.



Advanced Explorer Icon

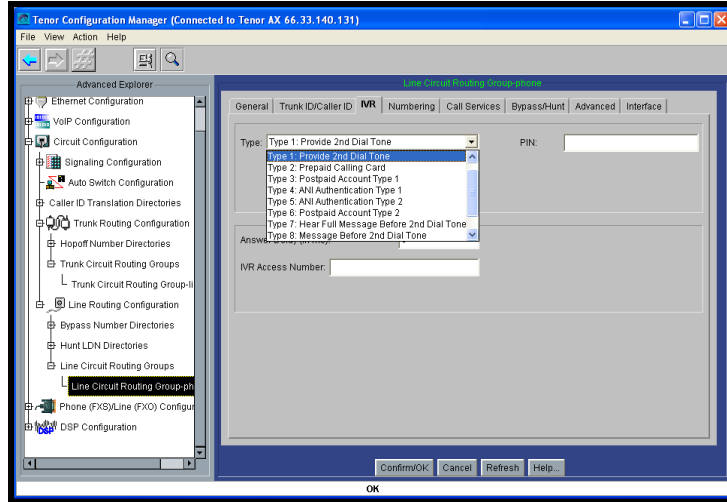
3. On the left frame navigate to **Circuit Configuration-->Trunk Routing Configuration-->Trunk Circuit Routing Groups-->Trunk Circuit Routing Group—line**, and click on the **IVR** tab.



IVR Tab

4. In the **Type** drop-down list, select **Type 1: Provide 2nd Dial Tone**.
5. Click the **Confirm/OK** button at the bottom of the screen.
6. On the left frame, expand **Line Circuit Configuration** by clicking on the + sign next to it.
7. Expand **Line Circuit Routing Groups** by click on the + sign next to it.

8. Click on **Line Circuit Routing Group-phone**.

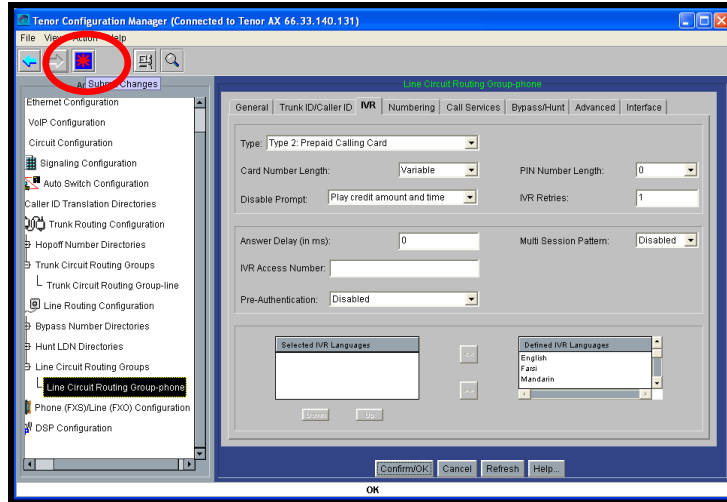


Line Circuit Routing Group-phone Window

9. Click the **IVR** tab at the top of the screen.

10. In the **Type** drop-down list, select **Type 1: Provide 2nd Dial Tone**.

11. Click the **Confirm/OK** button at the bottom of the screen.



Line Circuit Routing Group-phone Window (continued)

12. Click the **Submit Changes** button (as shown on the screen above) on the top menu bar to write the changes to the Tenor.

IMPORTANT: The changes must be submitted in order to take effect on the Tenor AX.

13. Your Tenor AX is now configured to provide a second dial tone on inbound calls received on its FXO ports.