MAX Communication Server
Release 7.5

TelePacific SIP Trunk Configuration Guide

April 14, 2015

Intended audience:
AltiGen Authorized Partners

About This Guide

This guide is provided for AltiGen Partners who are provisioning TelePacific SIP Trunks for customers for MaxCS 7.5.

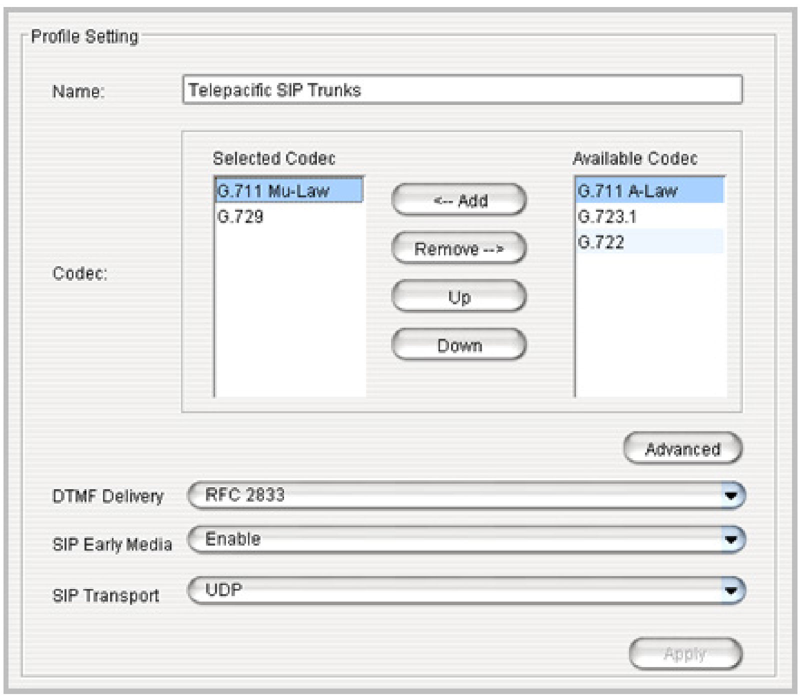
Requirements

- You must be running MaxCS Release 7.5.

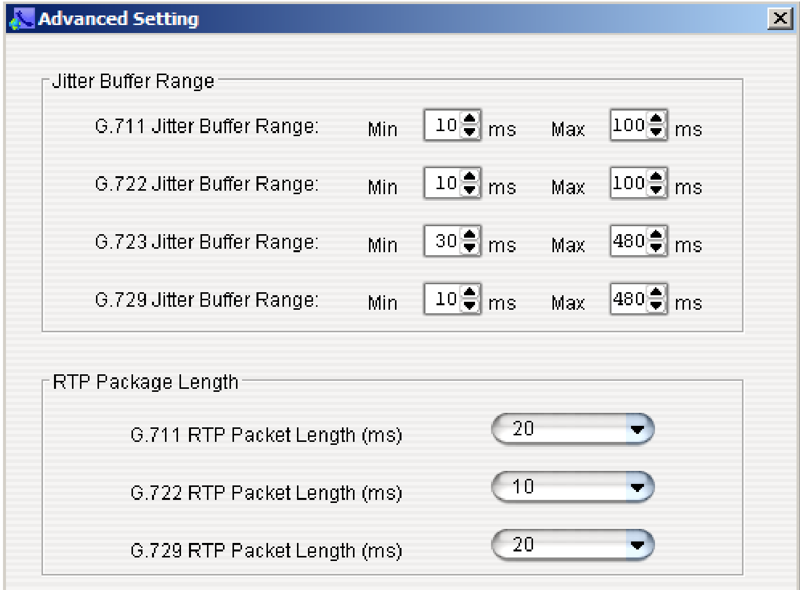
Create a New Codec Profile

Configure a Codec Profile for the TelePacific SIP trunks in Enterprise Manager.

1. In MAXCS Administrator, select **VoIP** > **Enterprise Network Manager**.
2. Click the **Codec** button on the *Quick Launch* bar (this is different from the *IP Codec* tab).
3. Create a new profile; click **Add** and create a profile with the following parameters:
    - For the name, enter **Telepacific SIP Trunks**
    - Set the *Selected Codec* to use **G.711 Mu-Law** first and **G.729** second (use the **Add**, **Remove**, **Up**, and **Down** buttons as needed)
    - Set *DTMF Delivery* to **RFC 2833**
    - Set *SIP Early Media* to **Enable**
    - Set *SIP Transport* to **UDP**



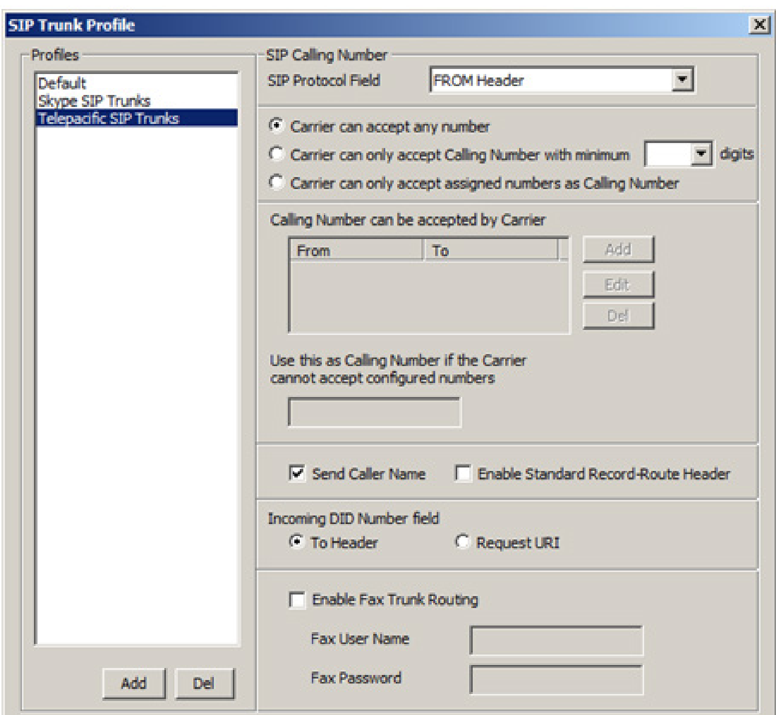
4. Click **Advanced** and make sure that your settings match those in the next figure.



Create a new SIP Trunk Profile

Next, create a new SIP Trunk Profile.

1. In MaxCS Administrator select **Boards.** Double-click **SIPSP**, select **SIP Trunk** > **SIP Trunk Configuration** > **SIP Trunk Profile.**
2. Click **Add.** Name the new profile **Telepacific SIP Trunks.**

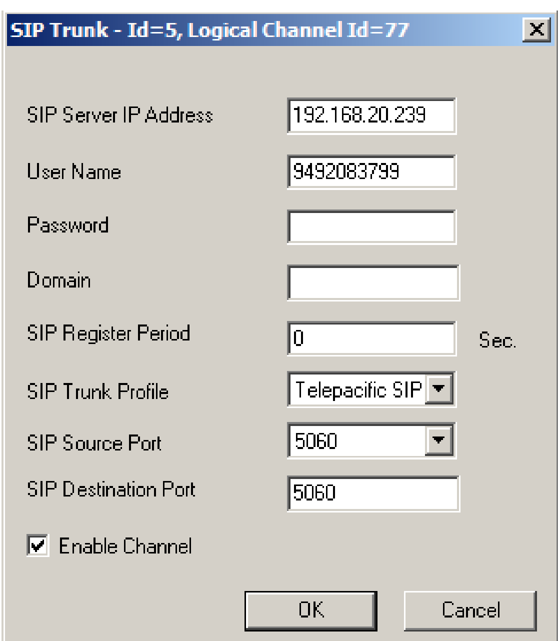


3. Modify the new SIP Trunk profile, specifying the following parameters, and click **OK**.
    - Set *SIP Protocol Field* to **FROM Header**
    - Select *Carrier can accept any number*
    - Select **Send Caller Name**
    - Set *Incoming DID Number* to **To Header**
    - Make sure that the *Enable Fax Trunk Routing* checkbox is not checked

Configure Channels

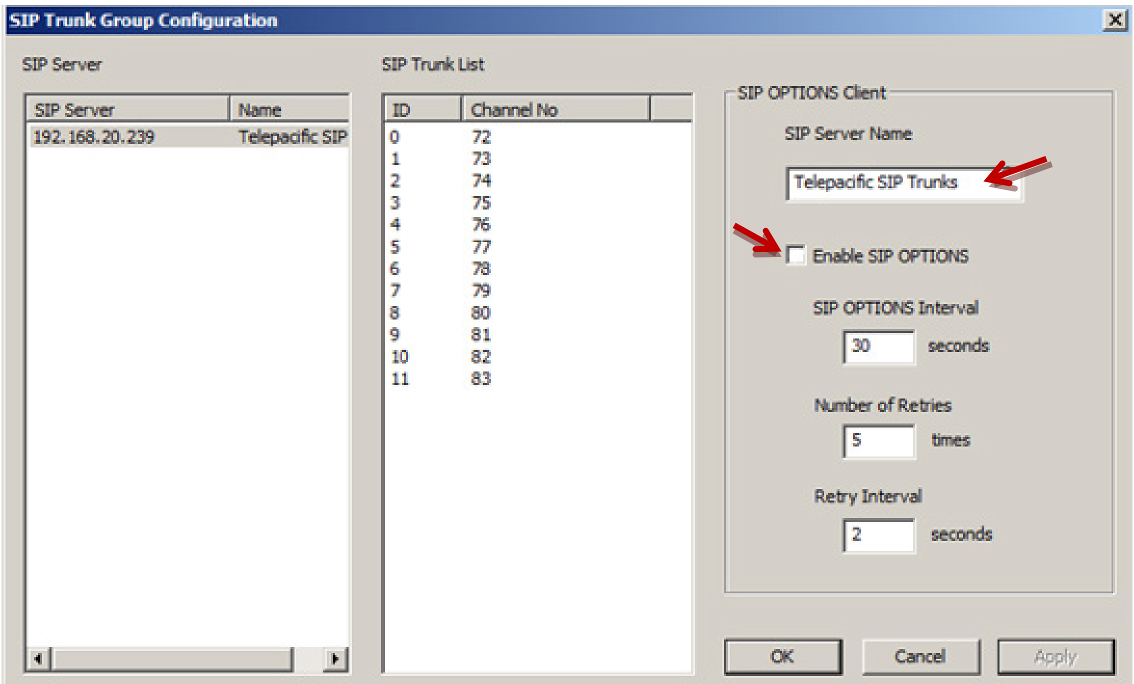
Configure channels to use the TelePacific SIP Trunk.

1. Select **Boards.** Double-click **SIPSP**, select **SIP Trunk** > **SIP Trunk Configuration**.
2. Select the first available SIP Trunk channel and click **Edit.**
3. Modify the parameters as follows, and click **Ok.**
    - For the *SIP Server IP address*, enter the IP address provided by TelePacific; this IP address is their SIP Trunk router
    - For the *User Name*, enter the 10-digit billing telephone number of the SIP Trunk service
    - Leave the *Password* and *Domain* fields blank
    - Set *SIP Registration Period* to **0** seconds
    - For the *SIP Trunk Profile*, select **Telepacific SIP Trunks**
    - Set the *SIP Source Port* and *SIP Destination Port* to **5060**
    - Check the **Enable Channel** checkbox



4. Select the first available SIP Trunk channel and click **Copy To…**

5. Select all SIP channels that will be used for TelePacific SIP Trunks, and click **Ok**.
6. Click **Trunk Group Configuration**. Select the SIP server with the IP address that you entered in step 3 in this section.
    - For *SIP Server Name*, enter **Telepacific SIP Trunks**
    - Clear the *Enable SIP OPTIONS* check box
7. Click **Ok.**



Configure Inbound Routing

Carriers send 10 digits as DNIS; configure your inbound routing rules accordingly.

Test the SIP Trunks

We recommend that you perform basic tests to confirm that the SIP Trunks are correctly configured; test inbound calls, outbound calls, and extension-to-extension calls.