



Configuring an M4x RoIP Gateway

Begin by following the directions for logging on to the web based software found in Tech Note TN-128 (VoIP Startup). Follow the directions for changing the default IP address to your own IP address; this is the IP address you use whenever accessing the software to set up this unit. Next, you will want to create an RTP session.

To configure an RTP session, click where it says “RTP Sessions” on the menu about halfway down the left side of the software screen (Figure 1). Start by selecting the Blade Port. If this is a Mini-Blade, your only choice will be Port 2 which is the analog port of the VoIP module. If this is a regular Blade equipped with analog modules, your port selections will be 1-6 (depending on how many analog modules are installed), and port 8. Note that port 8 is the analog port of the VoIP module. Raven recommends using a port from the analog modules (ports 1-6 depending on how equipped) instead of the analog port of the VoIP module.

FlexGate RoIP Gateway Configuration

RTP / Unicast Sessions

| System Information | Blade Port | Peer | Rx Port | Tx Port | Multicast | MCast TTL | Silence Suppression | Keep Alive | Codec | Enable Session |
|---------------------|------------|------------|---------|---------|--------------------------|-----------|--------------------------|--------------------------|------------|---|
| o Status | | | | | | | | | | |
| Network Setup | 1 | 10.1.1.119 | 64000 | 64000 | <input type="checkbox"/> | 1 | <input type="checkbox"/> | <input type="checkbox"/> | G.711 uLaw | <input type="checkbox"/> ● |
| o Network | | | | | | | | | | |
| SIP Setup | 2 | | 64002 | 64002 | <input type="checkbox"/> | 1 | <input type="checkbox"/> | <input type="checkbox"/> | G.711 uLaw | <input type="checkbox"/> ● |
| o SIP Accounts | | | | | | | | | | |
| o SIP Codecs | 2 | | 64004 | 64004 | <input type="checkbox"/> | 1 | <input type="checkbox"/> | <input type="checkbox"/> | G.711 uLaw | <input type="checkbox"/> ● |
| o SIP Directory | 2 | | 64006 | 64006 | <input type="checkbox"/> | 1 | <input type="checkbox"/> | <input type="checkbox"/> | G.711 uLaw | <input type="checkbox"/> ● |
| o Advanced | 2 | | 64008 | 64008 | <input type="checkbox"/> | 1 | <input type="checkbox"/> | <input type="checkbox"/> | G.711 uLaw | <input type="checkbox"/> ● |
| o Interface | 2 | | 64010 | 64010 | <input type="checkbox"/> | 1 | <input type="checkbox"/> | <input type="checkbox"/> | G.711 uLaw | <input type="checkbox"/> ● |
| RTP Sessions | 2 | | 64012 | 64012 | <input type="checkbox"/> | 1 | <input type="checkbox"/> | <input type="checkbox"/> | G.711 uLaw | <input type="checkbox"/> ● |
| o RTP Sessions | | | | | | | | | | |
| Blade Link Setup | 2 | | 64014 | 64014 | <input type="checkbox"/> | 1 | <input type="checkbox"/> | <input type="checkbox"/> | G.711 uLaw | <input type="checkbox"/> ● |
| o Blade Link Setup | | | | | | | | | | |
| o Blade Link Status | | | | | | | | | | |
| o Blade Link Config | | | | | | | | | | |
| o PSTN Setup | | | | | | | | | | |
| System | | | | | | | | | | |
| o Local Analog Port | | | | | | | | | | |
| o Administration | | | | | | | | | | |
| o Date/Time | | | | | | | | | | |
| o Backup/Restore | | | | | | | | | | |
| o Upgrade Firmware | | | | | | | | | | |
| o Logout | | | | | | | | | | |

The G.729 codec may require a license arrangement between you (the user) and an intellectual property rights holder (IPR). It is your responsibility to determine whether any licenses or fees are due to an IPR holder.

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Figure 1

After port selection, enter the IP address of the gateway server in the “Peer” column. Note that this is not the IP address you just changed to access the software. When done, change the RX and TX ports both to 52006. Depending on your firewall and security settings, you might have to allow in/out of port 52006. **Note: the gateway IP address and the RX/TX ports might be different than the example shown.**

Check the box under the “Silence Suppression” column and be sure “Multicast” is not checked.

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Now check the box under the **“Enable Session”** column, then click on the **“Save Changes”** button in the lower right. The red circle to the right of **“Enable Session”** box should turn green and you should also get a **“Settings Saved”** confirmation toward the top of your screen (Figure 2).

Do not connect to the Raven M4x software to make changes to port settings for adjusting levels or keying. Levels can be changed by Raven Tech Support on the server. You can make other changes in the M4x software such LED indications, but do not make any other changes without consulting Raven Tech support first.

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RTP / Unicast Sessions

- System Information**
- o Status
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- o Administration
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- o Logout

Settings saved
 Settings have been successfully changed and are currently in effect.

| Blade Port | Peer | Rx Port | Tx Port | Multicast | MCast TTL | Silence Suppression | Keep Alive | Codec | Enable Session |
|------------|------------|---------|---------|--------------------------|-----------|--------------------------|--------------------------|------------|-------------------------------------|
| 1 | 10.1.1.119 | 52006 | 52006 | <input type="checkbox"/> | 1 | <input type="checkbox"/> | <input type="checkbox"/> | G.711 uLaw | <input checked="" type="checkbox"/> |
| 2 | | 64002 | 64002 | <input type="checkbox"/> | 1 | <input type="checkbox"/> | <input type="checkbox"/> | G.711 uLaw | <input type="checkbox"/> |
| 2 | | 64004 | 64004 | <input type="checkbox"/> | 1 | <input type="checkbox"/> | <input type="checkbox"/> | G.711 uLaw | <input type="checkbox"/> |
| 2 | | 64006 | 64006 | <input type="checkbox"/> | 1 | <input type="checkbox"/> | <input type="checkbox"/> | G.711 uLaw | <input type="checkbox"/> |
| 2 | | 64008 | 64008 | <input type="checkbox"/> | 1 | <input type="checkbox"/> | <input type="checkbox"/> | G.711 uLaw | <input type="checkbox"/> |
| 2 | | 64010 | 64010 | <input type="checkbox"/> | 1 | <input type="checkbox"/> | <input type="checkbox"/> | G.711 uLaw | <input type="checkbox"/> |
| 2 | | 64012 | 64012 | <input type="checkbox"/> | 1 | <input type="checkbox"/> | <input type="checkbox"/> | G.711 uLaw | <input type="checkbox"/> |
| 2 | | 64014 | 64014 | <input type="checkbox"/> | 1 | <input type="checkbox"/> | <input type="checkbox"/> | G.711 uLaw | <input type="checkbox"/> |

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Figure 2