This document is intended to assist A/V integrators and IT managers in incorporating the Biamp VoIP-2 interface for the AudiaFLEX into enterprise VoIP systems. The VoIP-2 card requires the use of a SIP connection with any VoIP system. Enabling a SIP connection may require the purchase of a third party license and/or additional software from the VoIP system manufacturer. Manual software configuration of the VoIP-2 card is necessary for proper operation.

To properly configure the VoIP-2 card, the following information should be known:

**Basic Network Settings:**

1. Does the VoIP system currently installed in the facility carry information over a VLAN? ______ (Optional)
   - If Yes:
     - a. What is the VLAN ID? ____________________________

2. Ethernet Settings:

   - Speed
     - □ Auto  □ 10 Mbps  □ 100 Mbps
   - Duplex
     - □ Half  □ Full

3. Will the VoIP card be obtaining an address from a DHCP server? ______
   - If No provide the following Network Info:
     - a. IP Address:_____________________________________
     - b. Subnet Mask:___________________________________
     - c. Default Gateway:_______________________________
     - d. DNS Primary Server:_____________________________
     - e. DNS Secondary Server:___________________________
     - f. What is the Domain? ____________________________

**VoIP Protocol Settings:**

<table>
<thead>
<tr>
<th>Line 1:</th>
<th>Line 2:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Subscriber Number</td>
<td></td>
</tr>
<tr>
<td>Proxy Username:</td>
<td></td>
</tr>
<tr>
<td>Proxy Password:</td>
<td></td>
</tr>
<tr>
<td>Registration Expiration Time (Default 3600 sec):</td>
<td></td>
</tr>
<tr>
<td>Proxy Discovery (Default Static):</td>
<td></td>
</tr>
<tr>
<td>Proxy Address:</td>
<td></td>
</tr>
<tr>
<td>Proxy Port (Default 5060):</td>
<td></td>
</tr>
<tr>
<td>Outbound Proxy Address:</td>
<td></td>
</tr>
<tr>
<td>Outbound Proxy Port:</td>
<td></td>
</tr>
</tbody>
</table>
**QoS Settings (Optional)**

1. Does this VoIP system utilize QoS settings? ________________

If yes specify settings below (Note that Layer 2 Priority is only valid when VLAN has been enabled):

### QoS Details

#### Global
- L2 Other User Priority
- L3 Other Precedence

#### Check All That Apply
- L3 Other Min Delay
- L3 Other Max Throughput
- L3 Other Max Reliability
- L3 Other Min Cost

### Line 1

#### RTP
- L2 RTP User Priority
- L3 RTP Precedence

#### Check All That Apply
- L3 RTP Min Delay
- L3 RTP Max Throughput
- L3 RTP Max Reliability
- L3 RTP Min Cost

#### Call Control
- L2 Call Control User Priority
- L3 Call Control Precedence

#### Check All That Apply
- L3 Call Control Min Delay
- L3 Call Control Max Throughput
- L3 Call Control Max Reliability
- L3 Call Control Min Cost

### Line 2

- Use Line 1 Settings

#### RTP
- L2 RTP User Priority
- L3 RTP Precedence

#### Check All That Apply
- L3 RTP Min Delay
- L3 RTP Max Throughput
- L3 RTP Max Reliability
- L3 RTP Min Cost

#### Call Control
- L2 Call Control User Priority
- L3 Call Control Precedence

#### Check All That Apply
- L3 Call Control Min Delay
- L3 Call Control Max Throughput
- L3 Call Control Max Reliability
- L3 Call Control Min Cost