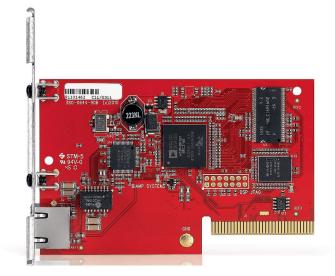# DATA SHEET
TESIRA® SVC-2
2 LINE MODULAR VOICE OVER INTERNET PROTOCOL CARD

The Tesira® SVC-2 is a modular Voice over Internet Protocol (VoIP) card for use with Tesira SERVER and SERVER-IO devices. The SVC-2 allows a Tesira system to connect directly to IP-based telephone systems. When used in conjunction with Automatic Echo Cancellation processing, Tesira becomes an extraordinarily powerful, flexible and affordable conferencing platform.

BENEFITS

• Modular I/O cards can be mixed-and-matched both in Tesira SERVER and Tesira SERVER-IO
• Integration into VoIP network allows Tesira to manage entire teleconferencing system
• Fully configurable and controllable in software

SYSTEM FEATURES

• Control via Tesira software or third-party control
• Extensive customization parameters and options
• Logic control within Tesira or RCB devices

• RoHS Compliant
• Covered by Biamp Systems' 5-year warranty

TELEPHONY FEATURES

• Two concurrent, independent calls
• Caller ID, Hold capability, Redial, 16-entry Speed Dial
• Adjustable Auto-Answer

• Combined level adjustment for call progress and DTMF tones
• Country-specific tone plans

VoIP FEATURES

- SIP v2 (RFC 3261 and companion RFCs)
- SIP Authentication
- Voice activity detection
- Comfort noise generation
- Dynamic jitter buffer
- Packet loss concealment

- On-hook dialing
- Multiple CODEC support
  - G.711μ
  - G.711A
  - G.722
  - G.729AB
  - G.723.1

NETWORK FEATURES

- Static DHCP IP address assignment
- QoS
  - ToS (RFC 791)
  - 802.1p/q

LOGIC CONTROL INPUTS

Answer, End

CONTROL OUTPUTS

Ring Indication, Line in Use, Line ready

THIRD PARTY COMMANDS

Answer, End, Auto-answer, On/Off hook, Hold, Dial number, Dial speed-dial, Set speed-dial, Redial, Last number dialed, Called ID data, Line in-use status, Line ready status, Ringing status, Transmit level adjust, Receive level adjust

ARCHITECTS & ENGINEERS SPECIFICATION

The telephone interface shall be a two-line, modular card for use with Tesira Server devices, and shall provide an interface to Voice over Internet Protocol (VoIP) service. The card shall be designed for installation at the factory or in the field in a Tesira SERVER or SERVER-IO. The card shall be equipped with a single RJ-45 connector allowing for up to 2 VoIP telephone lines. The operation shall be software configurable and provide integration over Session Initiation Protocol (SIP) v2 or later. The card shall support multiple standardized codecs including G.711μ, G.77A, G.722, G.729AB, and G.723.1. The VoIP interface card shall be compliant with the RoHS directive. Warranty shall be 5 years. The telephone interface shall be a Tesira SVC-2.