GAO Research Inc.

Leader in Embedded Technology

Product Description

GAO's implementation of SIP Protocol Stack complies with IETF RFC2543 (March 1999), and is modified as per the updates of the standard. The stack offers carrier class performance and functionality to manage the fundamental connection between the call-originating and call-terminating parties.

GAO's SIP stack is an essential tool that network equipment manufacturers and phone manufacturers need to create V2 over IP products with the power of SIP.

GAO's unique, multi-layered API (application programming interface) makes it easy to build simple applications as well as complex implementations.

Examples of some of the call features supported:

- ✓ Basic call
- ✓ Conference call (3-way)
- ✓ Caller ID
- ✓ Call waiting
- ✓ Call Hold/ Unhold

- ✓ Call forwarding (local)
- ✓ T.38 real-time fax
- ✓ In-band DTMF
- ✓ Blind transfer
- ✓ Authentication

Leadership in Embedded Communications Software

With over a decade of experience, GAO leads the embedded communications software market by providing comprehensive modem, fax, speech, and telephony technologies; broad technical expertise; and unsurpassed support to our world-class customers including electronics, communications, and semiconductor companies across the globe. GAO's software integrates easily with MP3, MPEG, TCP/IP, and most popular real-time operating systems.

Rigorous Testing

GAO's testing facilities are equipped with state-of-the-art test equipment. Our software is rigorously tested on TAS, Consultronics, Rochelle, Advent and Telegra equipment under various channel models according to the relevant ITU or TIA standards. All GAO's speech software has passed the test vectors specified by the ITU. Our telephony software meets all appropriate TIA, EIA, BellCore, and Mitel standards.

GAO Group

Celebrating Over 15 Years of Innovation

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