



## GAO Research Inc. V.34 Softmodem

GAO Research Inc.

*#1 In Embedded Communications Software*

<http://www.gaoresearch.com>

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### Features

- ▶ Operates on 2 wire, point-to-point circuits.
- ▶ Operates on dial-up or leased circuits.
- ▶ Utilizes QAM on each channel.
- ▶ Operates in synchronous mode.
- ▶ Employs trellis coding.
- ▶ Provides adaptive signaling through line probing by adjusting to channel quality & capacity.
- ▶ Supports data signaling rates of 2400, 4800, 7200, 9600, 12000, 14400, 16800, 19200, 21600, 24000, 26400, 28800, 31200, 33600 bps.

### Product Description

GAO's V.34 modem software implements the 1996 release of the V.34 ITU international standard for full duplex data communication on the PSTN and on point-to-point 2 wire leased telephone type circuits at rates from 2400 to 33600bps.

### 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 also adheres to stringent quality control procedures, which is reflected in our well structured code, detailed design documentation, and well-defined design and test plans. This ensures ease of integration into the customer's system, easy maintenance, and a smooth upgrade path for next-generation customer products.

### GAO Research Inc.

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