



## GAO Research Inc. V.29 Fax Modem Software

GAO Research Inc.

<http://www.gaoresearch.com>

*#1 In Embedded Communications Software*

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### Features & Product Description

- The GAO V.29 Software Module implements the ITU V.29 recommendation.
- The GAO V.29 Software Module consists of transmitting functions and receiving functions which are called to transmit/receive bits in groups of 2 to 4 (referred to as symbols) at rates of 2400 symbols per second respectively.
- Operates in either half or full duplex modes.
- Uses amplitude and phase modulation for synchronous transmission.
- Supports data signaling rates of 9600, 7200, and 4800 bits per second.
- Highly optimized in C and multi-channel ready.

### 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.

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