Product Description

GAO V.21 Channel 2 fax software implements channel two of the ITU-T V.21 Recommendation, which provides a 300 bits per second duplex modem standard for use in the general switched telephone network. The ITU-T V.21 Recommendation states that Frequency Shift Modulation should be used resulting in a modulation rate being equal to the data signaling rate. The nominal mean frequency for channel 2 is 1750 Hz. Channel 2 shall be used for transmission of check signals and service signals from the called station to the call-originating station, regardless of the direction in which the data are transmitted.

Key Features

- ✓ GAO's V.21 ch.2 software implements portions of the ITU-T V.21 Recommendation
- ✓ FSM is used resulting in a modulation rate being equal to the data signaling rate
- ✓ Modulation occurs at 1750 Hz
- ✓ Highly optimized in C

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.

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