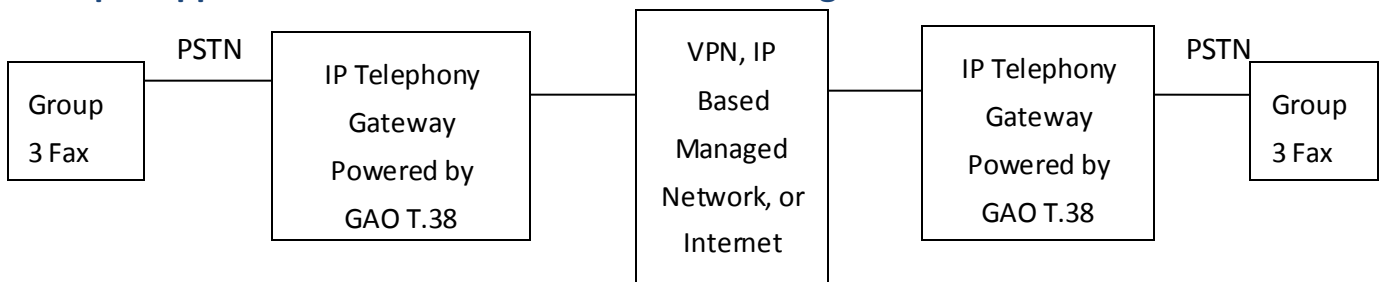**GAO Research Inc.**

Leader in Embedded Technology

Product Description

GAO's T.38 fax over IP software allows the transfer of facsimile documents in real-time between two standard Group 3 facsimile terminals over the Internet or other networks using IP protocols. It is fully compliant with ITU-T T.38 fax relay specification while supporting V.17/V.29/V.27ter Standards. GAO's re-entrant implementation is optimized for multi-channel support on a single DSP. The "spoofing" function is included to prevent jitter, delay or lost packets.

Key Features

✓ Fully compliant with ITU T.38 Fax Relay Specification.

✓ Integrated and tested with Fax data modems at rates of up to 14.4 kbps.

✓ UDP and TCP support.

✓ Reentrant implementation.

✓ Supports V.17/V.21/V.27ter/V.29 Standards

✓ Optimized for Multi-channel support on a single DSP.

✓ Includes "spoofing" function to prevent jitter, delay or lost packets.

Example Application for GAO T.38 Fax Over IP Package

Group 3 Fax	PSTN	IP Telephony Gateway Powered by GAO T.38	VPN, IP Based Managed Network, or Internet	IP Telephony Gateway Powered by GAO T.38	PSTN	Group 3 Fax

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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