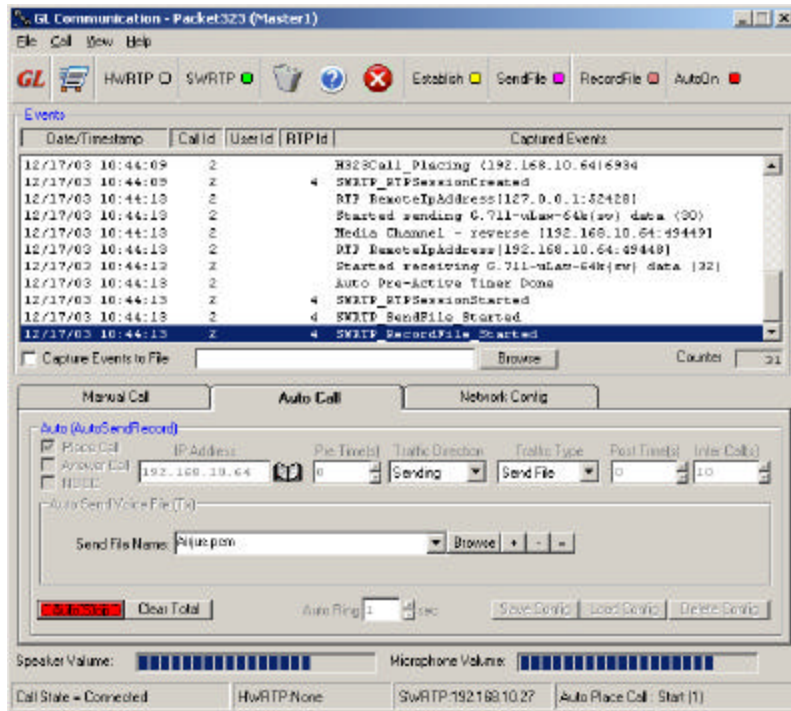


GL PacketH323™



VoIP H323 Call Generation



RTP Traffic Generation (Voice, Fax, Digits, Tones)



Supports full range of voice Codecs



Generate Frequency Tones and DTMF/MF Digits



Complete Call Statistics



Remote Access Capability



Generate Call Records with Summary and Detailed Views



Voice transmission over packet networks continue to present challenging quality of service issues – including echo, delay, voice clipping, and impairments due to lost or jittered packets. These problems are exacerbated even further during high degrees of voice compression. Adequate tools for generating characterizing and measuring impairments are not readily available. GL's **PacketH323™** fills this void with a set of tools for simulating H.323 calls and generating real-time traffic on VoIP networks.

PacketH323™ is a PC-based real-time VoIP call generator for providing voice band testing over the H.323 VoIP Protocol. **PacketH323™** can generate single calls, either manually or in an automated fashion, and generate an array of traffic once the call session is established. Call Records, Call Statistics, Protocol Events are all captured and displayed to the user in real time. **PacketH323™** is fully Client/Server enabled, thus, the user can control **PacketH323™** from a remote location either within a Client GUI or a Client Command Line (supports scripting applications). An optional hardware RTP can support real-time voice calls from analog phones, or fax calls from fax machines.

Features:

- Full H.323 Functionality.
- Manual and Automated Calling capabilities
- Fully Remote Controllable
- Real-time talk and playback (using microphone/speakers attached to PC)
- Voice Quality Measurements (PAMS, PSQM, PSQM+, PESQ MOS and PESQ LQ)
- Send/Detect User-defined frequency tones.
- Send/Detect DTMF/MF digits (both in-band and out-band).
- Audio Codecs supported include G.711, G.726 and G.729A/B.
- Access to H.323 messaging parameters.



GL Communications Inc.

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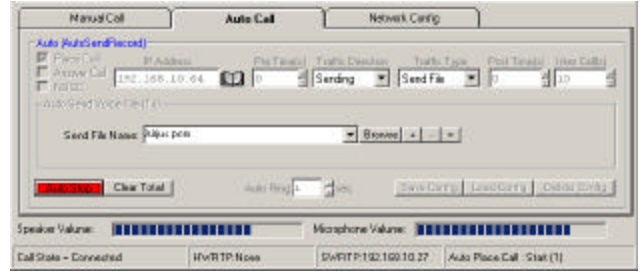
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PacketH323™

Manual and Auto Call Generation

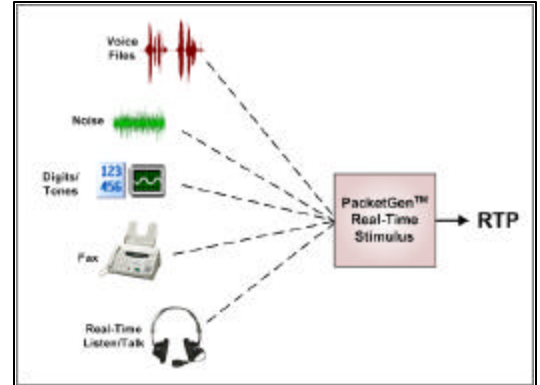
PacketH323™ supports both Manual and Auto Call Generation, with complete flexibility on the call session. Configure call duration, inter-call duration and type of traffic (both send and receive) desired.

- Current Status of each configured session
- Traffic Generation and QOS measurements
- Real-time talk and playback



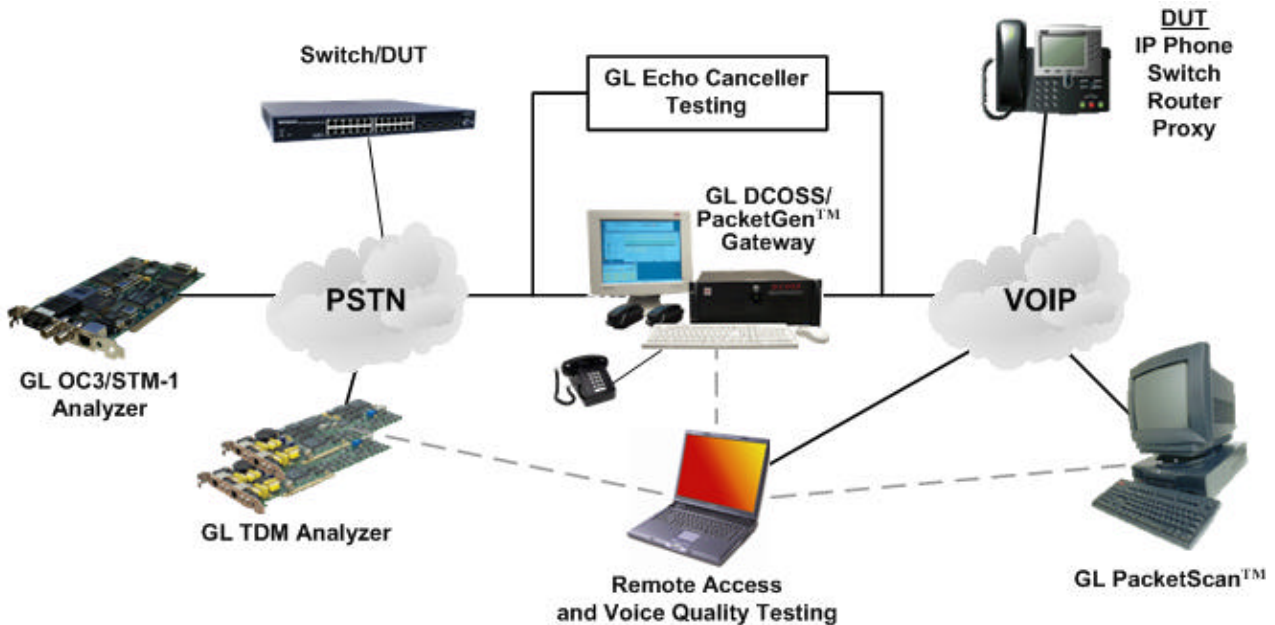
PacketH323™ Traffic Generation

Once the call is established, PacketH323™ can generate a multitude of traffic, either manually or automatically. This traffic includes Voice, Frequency Tones (single and dual) and DTMF/MF digits. The PacketH323™ also provides the capability to record voice and detect Frequency Tones and DTMF/MF digits. Send and record voice simultaneously in order to provide end-to-end delay results. PacketH323™ also provides the necessary Voice Quality algorithms, thus providing the ITU standard PAMS, PSQM, PESQ MOS scores.



GL Communications Inc. Overview

GL Communications Inc. provides unique, targeted PC-based test, analysis and simulation products and consulting services to the worldwide telecommunications industry. A privately held company, founded in 1986, GL offers customers a team of seasoned experts with a broad understanding of the specific challenges they face and the technical creativity to meet complex requirements. GL provides customers with a wide range of easily-adapted, cost-effective, and highly-reliable products and services designed to aid the telecommunications engineer.



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