

GL Announces Enhanced Call Capture and Analysis Software for T1, E1, and Analog

GL Communications Inc., announced today the release of Enhanced Call Capture and Analysis for T1 E1 software and hardware

Bangalore, Karnataka, June 22, 2009 /[India PRwire](#)/ -- GL Communications Inc., announced today the release of Enhanced call capture and analysis for T1 E1 software and hardware that allows triggered recording of calls, either automatically or manually directly from T1, E1, or Analog lines. Briefing the news to the press Mr. Vijay Kulkarni, President of GL said, "The Enhanced Call Capture and Analysis (CCA) application can initiate triggered recording of calls, either automatically or manually directly from T1 E1 Analog lines. The application uses any of three platforms: **HD PCI Ultra T1 E1 Cards**, or **GL's USB Portable T1 E1 Analyzer Units**, or **Universal T1 E1 Analyzer Cards**. Any of these platforms can interface non-intrusively with T1 E1 Analog lines. Automatic call capturing can be triggered from either direction of transmission, east or west".

Mr. Kulkarni further added, "The application provides auto capturing support. After capture, captured calls can be played back and analyzed in time and spectral modes using a commercial sound card, built-in high fidelity speakers, and audio viewing software such as Adobe Audition or Goldwave. CCA software works in conjunction with the CMU (Call Management Utility), to automatically identify captured calls and calls being captured. Users can listen to calls that are in progress. The CMU is especially helpful when a large number of calls are captured such as over a weekend or on many trunks".

Some of the Important features:

- Automatic or manual initiation of call recording
- Real-time display of signaling bits for all channels in both directions
- 'Scan' or 'Channel' mode for call initiation detection and capture
- User specified record time
- Automatic termination of recording, or Manual termination
- PCM data captured to two synchronized disk files (east and west directions) for post processing

Applications:

- Call recording for post analysis
- Analysis of single/dual tones, DTMF and MF digit analysis (frequency, power, duration)
- Analysis of call quality (speech levels, noise levels, echo return loss, speech clipping, impulse noise, and other impairments)
- Call activity, call density, and call volume analysis

Notes to Editor

Founded in 1986, GL Communications Inc. is a leading supplier of test, monitoring, and analysis equipment for TDM, Wireless, and VoIP networks. Unlike conventional test equipment, GL's test platforms provide visualization, capture, storage, and convenient features like portability, remotability, and scripting.

GL's TDM Analysis & Emulation line of products includes T1, E1, T3, OC-3, STM-1, analog four-wire, and analog two-wire interface cards and solutions. Capabilities include voiceband traffic analysis and emulation across all traffic types (voice, digits, tones, fax, modem), all protocols (HDLC, ISDN, SS7, CAS, GSM, GPRS, CDMA), and with capacities up to thousands of channels.

GL's VoIP products generate / analyze thousands of calls simultaneously with traffic types such as voice files, digits, tones, noise, and fax using G.711, G.729, AMR, EVRC, and GSM codecs. Additional features include visual analysis, real-time listening, recording, and voice quality assessment using ITU algorithms PAMS, PSQM, and PESQ.

GL's Wireless Products perform protocol analysis and voice quality assessment on GSM, CDMA, UMTS, and CDMA 2000 networks. Connections can be made to any wireless phone with automated call control, GPS, mapping

software, and real-time signal measurements.

GL's Echo Canceller testing solutions provide the broadest range of simulation and analysis, including compliance testing per G.168 and G.160.

GL's Network Surveillance and Monitoring products include Probes for TDM, VoIP, ATM, and Wireless networks. An open standards based approach provides a scalable, feature rich, real-time access to network intelligence. Centralized or distributed access, efficient transport and database loading allow compatibility with 3rd party and standards based monitoring systems.

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