Synchronous Trunk Record-Playback

Record and Playback any Type of Traffic

Saves Files in FILE-TIME Structure

Scheduling of Auto-Start Recording

Jump to the Marked Event

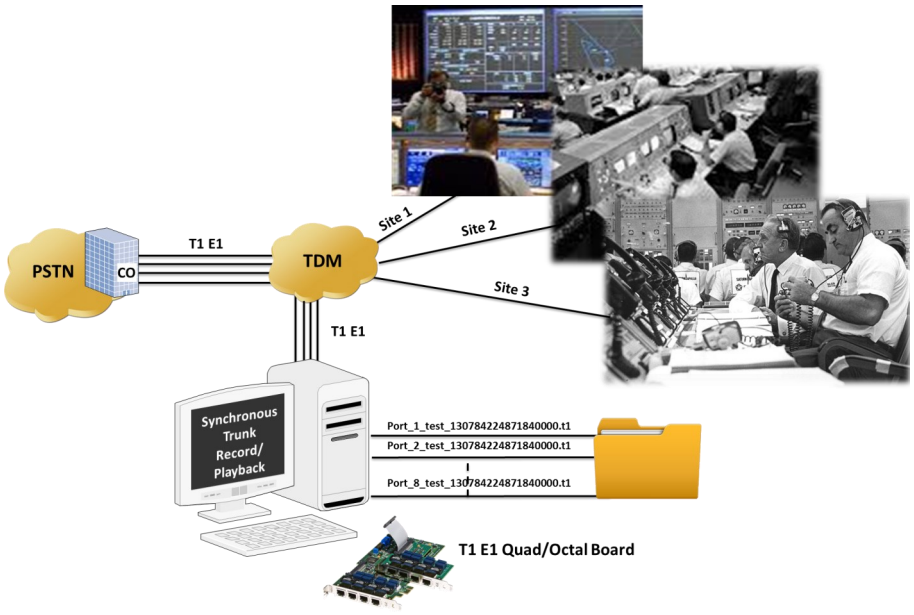
Support A-Law, µ-Law Codec

Recording of T1 Traffic on all 24 Channels and E1 Traffic on all 32 Channels

Supports User Defined Events

Continuous and Limited Recording

Provides Playback Features



Overview

GL's **Synchronous Trunk Record-Playback** (or STRP) application has both Record and Playback features that permits the user to synchronously record any type of traffic (voice, digits, and tones) on many complete T1 or E1 line (trunk) with accurate timestamp. Playback of some or all of the recorded data permits the user to recreate the transmission exactly as it occurred. Relative time synchronization to microsecond accuracy is easily achieved.

The **STRP** application records live T1 E1 traffic, and saves it to a file in FILE-TIME structure. This naming convention is based on coordinated universal time (UTC) with the precision of 100 nano seconds intervals. UTC-based time is loosely defined as the current date and time of day in Greenwich, England.

For more details, visit http://www.gl.com/synchronous-trunk-record-playback.html

Main Features

- **Record** traffic on all 24 T1 channels (or all 32 E1 channels) for a specified duration or continuously.
- For large capacity, GL's Octal T1 E1 boards offers to record and playback on up to 192 T1 channels and 256 E1 channels per board. More scalability can be achieved with multiple boards.
- Synchronously Record & Playback live T1 E1 traffic on multiple T1 E1 trunks.
- **Schedule** recording to auto start recording of T1 E1 traffic on a specified Date and Time (Day, Month, Year, Hour, Minute, and Second).
- The recorded files can be played back with the **Playback** feature.
- Recording is performed using A-Law, and µ-Law codec
- Mark the events as you playback recorded files. Jump to the event directly to start playing back from this event point.
- Most valuable application for critical data analysis in defence and research activities.

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Recording Feature

Recording T1 E1 Traffic

Records all the incoming T1 E1 traffic on the selected T1 E1 ports (lines).

Limited Recording

Records Live T1 E1 traffic for a specified duration of time. The Countdown Time display remaining time duration.

Schedule Recording

Automatically start recording Live T1 E1 traffic as per the schedule. Traffic can be recorded continuously or for a specified duration.

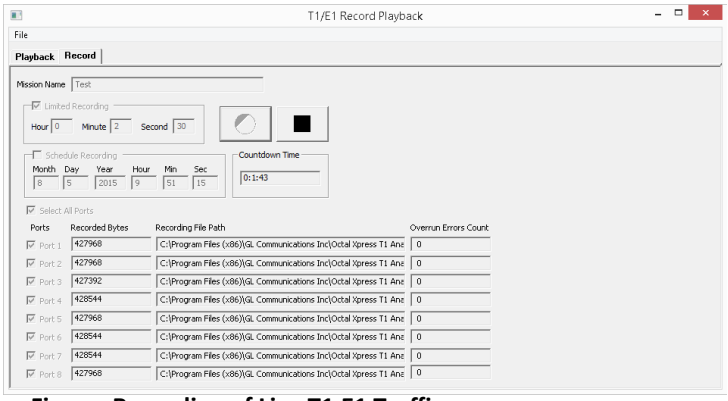

Figure: Recording of Live T1 E1 Traffic

Buyer's Guide

XX051 - Synchronous Trunk Record Playback

Related Software

XX020 - Record/Playback File Software (includes STE040 Mux / De Mux Software)

XX634 - Multi-Channel HDLC Emulation and Analysis & File based High Throughput HDLC Record/Playback

XX610 - File based Record/Playback (Client side) ClientDataTxRx (Server side)

XX640 - File based HDLC Record/Playback

XX650 - File based HDLC Record/Playback over SA-bits

XX660 - File based Record/Playback over FDL

Related Hardware

PTE001 - tProbe™ Dual T1 E1 Laptop Analyzer

XTE001 - Dual T1 E1 Express (PCIe) Boards

TTE001 - tScan16™ T1 E1 Boards

FTE001 - QuadXpress T1E1 Main Board

ETE001 - OctalXpress T1E1 Main Board plus Daughter Board

UTE001 - Portable USB based Dual T1 E1 Laptop Analyzer

HTE001 - Universal HD T1 E1 PCI Cards

Playback Feature

Playback feature provides options to load the recorded files per **Mission**. Once the file is loaded, you can observe the Mission Name**,** total duration, Start and End time of the recorded file.

User Defined Events

During playback events can be marked and defined at a particular time**.** Once the event is defined, user can jump to the event time position. For example, if there are two different voices recorded in the file, then user can mark and jump to that event to listen to a particular voice.

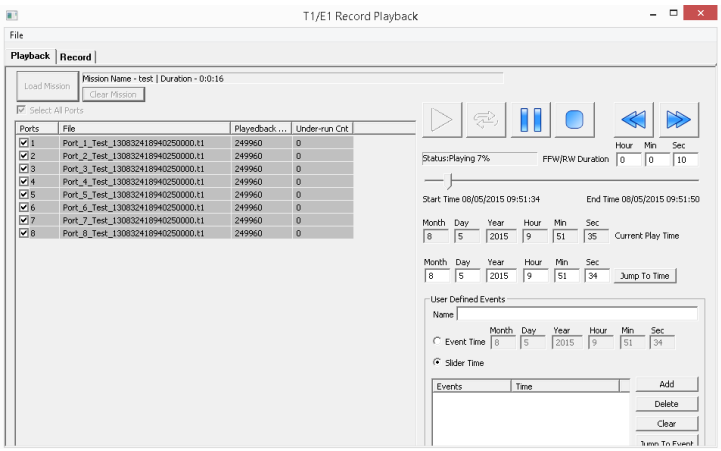

Figure: Playback Recorded File

Playback Tools

Provides Play, Continuous Playback, Pause, Stop, Backward, and Forward features to listen to a recorded file.

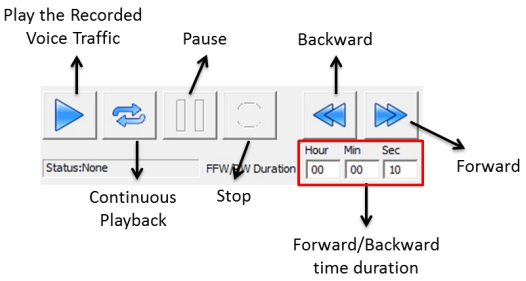

Figure: Tools to Playback the Recorded File

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