Synchronous Trunk Record Playback (STRP)

GL Communications Inc.

T1 E1 Hardware Platforms

Back Panel

Front Panel

tProbe™ - Portable USB based T1 E1 VF FXO FXS and Serial Datacom Analyzer
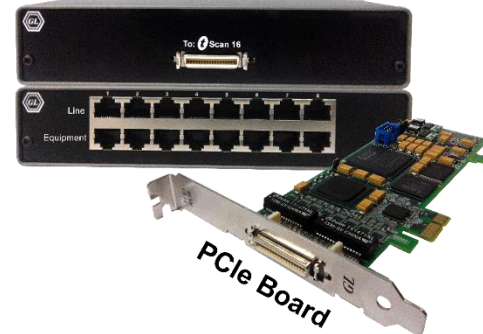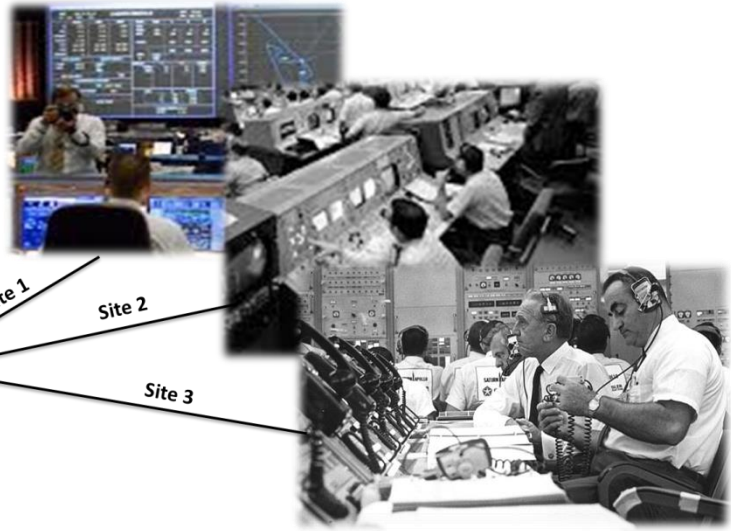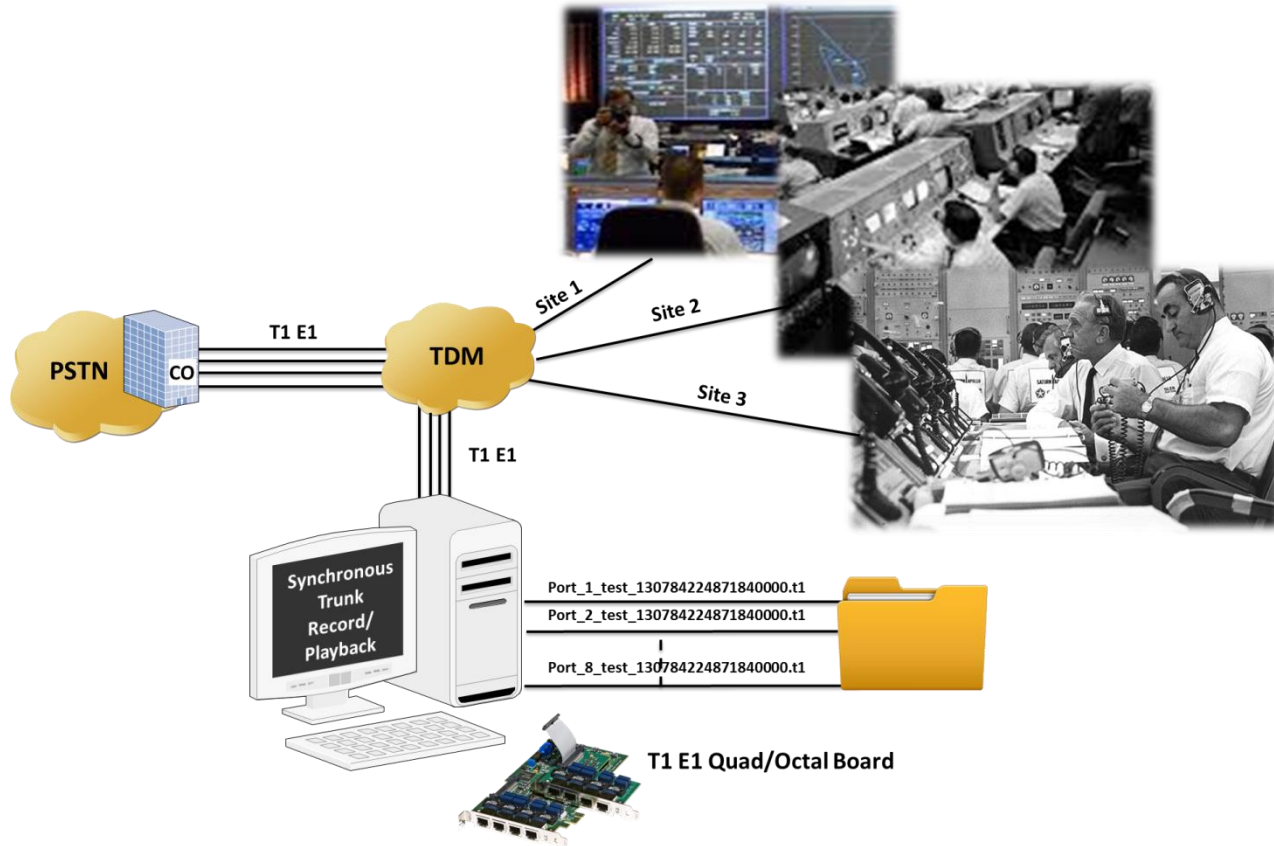
Quad / Octal T1 E1 PCIe Card

Dual T1 E1 Express (PCIe) Board

tScan16™ with 16-port T1 E1 Breakout Box

PCIe Board

Live T1 E1 Traffic Recording
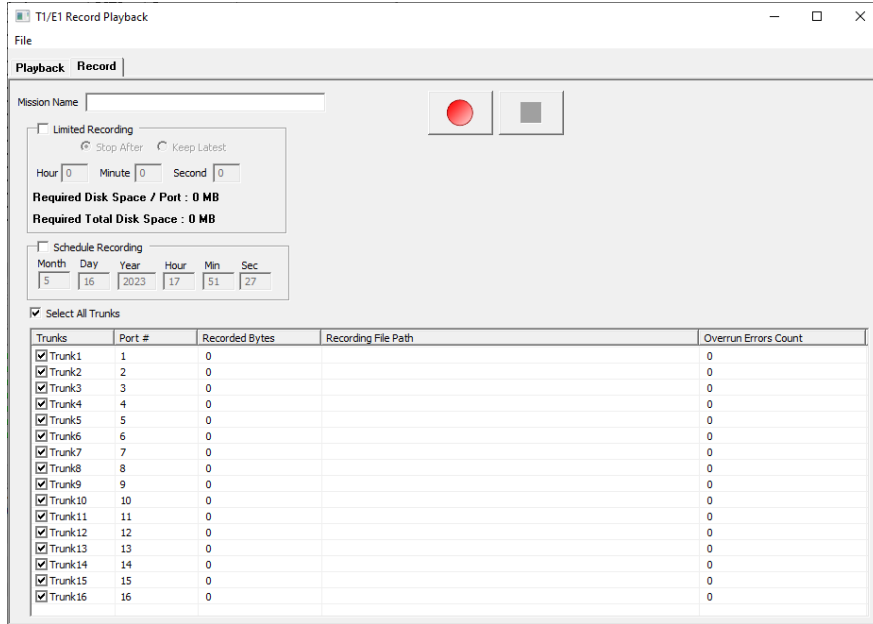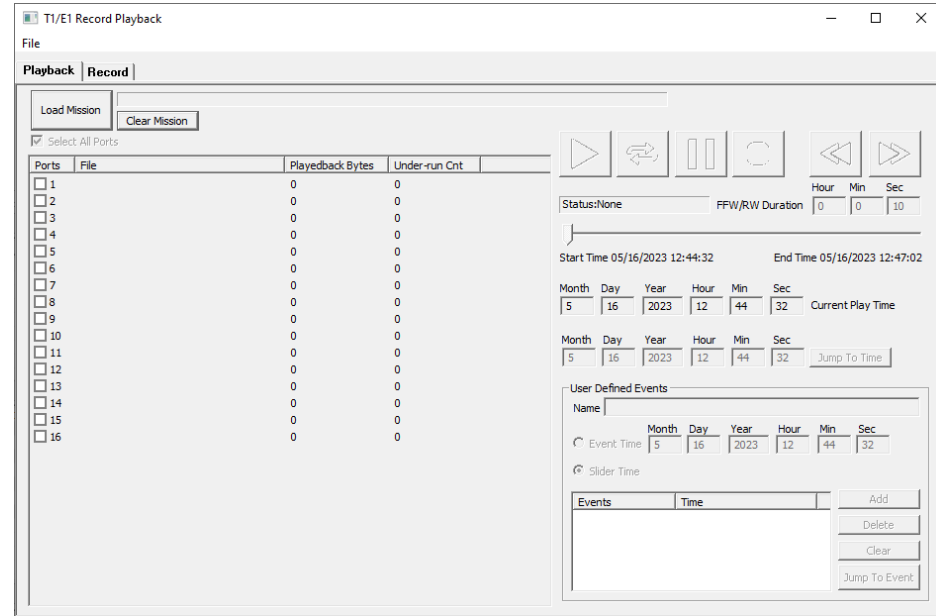
Record and Playback Main GUI

Record Option

Playback Option

Main Features

- Synchronously Record and Playback live T1 E1 traffic on multiple T1 E1 trunks

- The Keep Latest recording option allows the user to retain recently recorded traffic based on hour minutes and seconds

- Supports multiple instances of STRP application to record on different/same Trunks

- 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

- Schedule recording to auto start recording of T1 E1 traffic on a specified Date and Time (Day, Month, Year, Hour, Minute, and Second)

- Recording 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 the marked event point

- Most valuable application for critical data analysis in defence and research activities

Recording Feature

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

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

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

File Naming Convention

Port Number

Mission Name

The recorded file name contains start date and time details in file time format. It is internally interpreted by the application in local system time format

Load Mission for Playback

- Provides options to load the recorded files per Mission
- Display Mission Name, Total duration, Start and End time of the recorded file

Playback Feature

- Start the playback on the selected ports

- The playback status is shown in terms of percentage

- Total number of bytes transmitted for each port is displayed

Jump To Time Option

Current Play Time position as per Jump To Time

Jump To Time

User-Defined Events

- Provides option to mark a particular time event and jump to the added event in the Current Play Time
- Similarly, such multiple user-defined events can be saved

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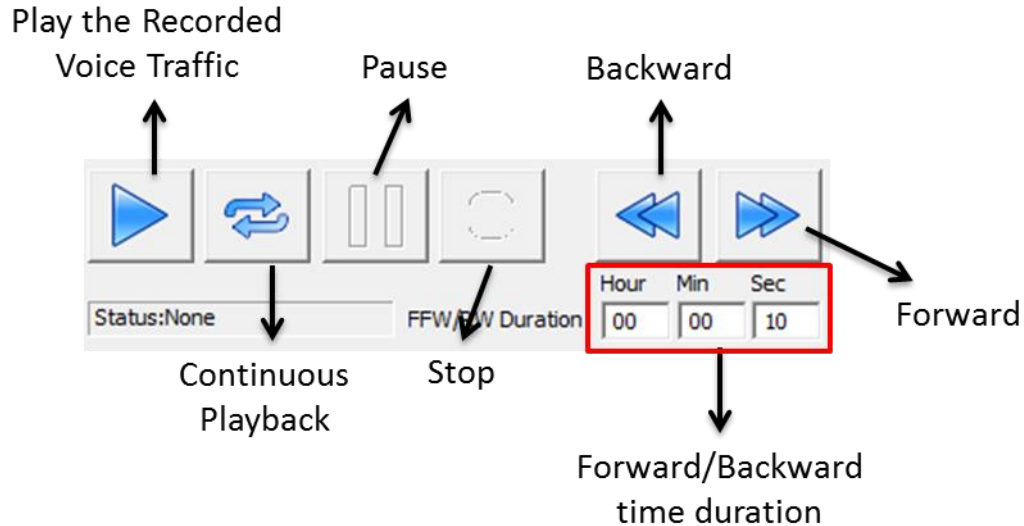
- Provides Play, Continuous Playback, Pause, Stop, Backward, and Forward features to listen to a recorded file

Thank you