BUDGETARY QUOTATION AND TECHNICAL INFORMATION

250 Channel SIP VoIP Audio Logger

250-CHANNEL VoIP LOGGER

V250 Complete network accessible audio recording system...............................$14,400.

This integrated system provides 250 channels of logging and audio capture with a disk array capacity of 20TB.   The server is expandable to 128 drives and over 250 VoIP channels. All hardware and software is included for installation to existing audio sources in a typical E-911 VoIP environment. The Infinband disk array is expandable to over 200TB to store years of recordings.

Recording Server Specifications

- A 1-U IBM E-Series audio logging server provides reliable non-stop recording. Additional channels may be added without server shutdown. File format and database structures are identical to other DLI loggers including analog and PRI, so calls can be combined in a unified database on a single disk array.
- A 250 channel VoIP Ethernet sniffer for simultaneous recording of up to 250 simultaneous unencrypted SIP conversations. Calls are sorted and organized via MAC address.
- A gigabit Ethernet interface connects to the local LAN for secure playback from existing workstations. Links to other DLI servers are provided to consolidate recordings from different sources into a single disk array and database.
- A 20TB Infiniband disk array system is provided for call storage. This array uses selected Segate 2TB drives in removable trays. Software RAID provides flexible redundant operation. The large storage capacity gives long-term online storage and eliminates time wasted searching through archives. Formatted capacity varies depending on RAID disk configuration.
- Dual internal server boot drives are provided in removable cartridge trays.
- VoIP traffic input is Gigabit Ethernet.
- A full OEM Windows 2008 Server license with 5 Client Access Licenses assures network compatibility and conforms to industry standards. Security and playback permissions are easily controlled using standard Windows security.

Physical Installation Options

Two installation options are available:

1. The system is provided in a standard rack-mount enclosure. Dimensions are: 85" height, 24.5" width, 37" depth. The assembled rack weight is approximately 515 lbs. Crating and packaging add approximately 100lbs to the shipping weight.

2. The system can be installed in an existing DLI rack at no charge. Components are shipped and installed on site. A minimum of 8U of rack space is recommended.

Network & Environmental Requirements

VoIP traffic must be unencrypted SIP in G.711 format. All traffic must be visible from the logger via a single gigabit Ethernet connection. The customer is asked to provide a completed pre-installation technical questionnaire. Adequate power, a sufficient LAN connection, and a clean, dust-free installation environment with conditioned air are required prior to installation.

RECORDING AND CALL MANAGEMENT SOFTWARE
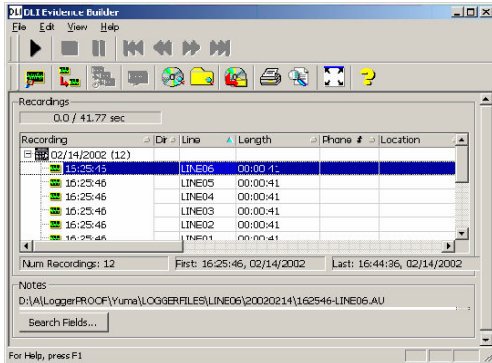
DLI Evidence Builder

 DLI Evidence Builder software provides rapid scanning and instant access to call recordings.   Evidence builder includes the ability to preview, concatenate, select, and transfer calls. One click sends recordings via email or starts audio editing. A site software license is included to permit installation of the software on all existing LAN/WAN workstations.
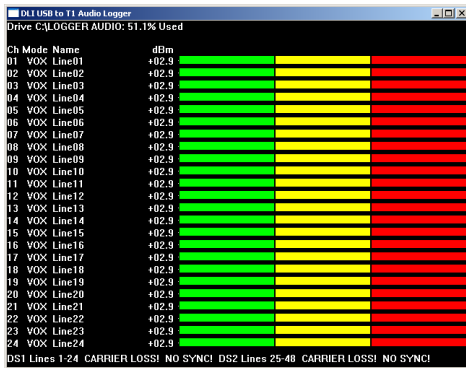
DLI Logging Application and Service

The DLI recording application ensures rapid recording to disk with high reliability and low latency. All recordings are digitally watermarked for full traceability. The application provides secure, reliable recording via multiple USB interfaces or a single VoIP connection. Disk space management allows the user to adjust the amount of storage used for each channel. USB Analog, T1, PRI, and VoIP recording interfaces are supported.
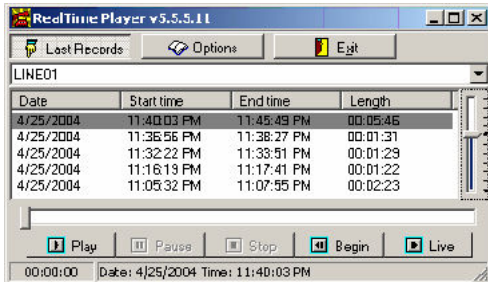
DLI Real Time Network Player

Listen in live from anywhere, in the office or around the world. Real time playback software is included with an unlimited site license for call check, remote monitoring and instant replay. Install as many copies as you like. There are no annual licensing fees on DLI software.

## DLI SMDR / Call Detail Recorder

Our SMDR recorder runs as a service, logging PBX or ANI/ALI call data via RS-232 or USB. Multiple ports can be logged simultaneously and all recordings are automatically organized and time/date stamped.
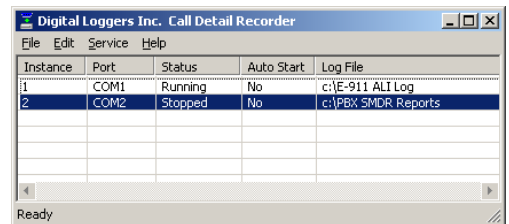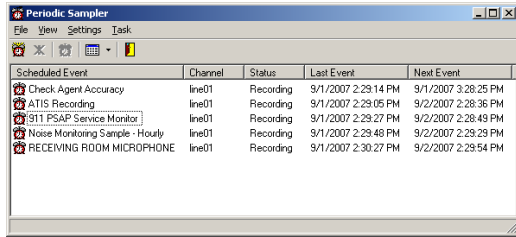
DLI Periodic Sampler

A sampling utility provides periodic monitoring of channels at preset time intervals. This is useful for call quality monitoring and radio monitoring applications, such as ATIS sampling. It's also commonly used with microphones and in ATC noise monitoring.
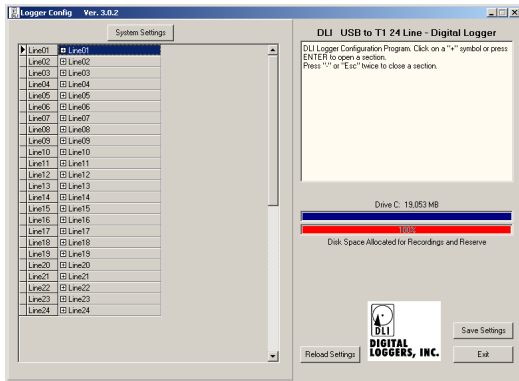

DLI Configuration Utility

Why call the factory when you can make simple changes yourself? DLI loggers are "open". A menu driven configuration utility allows the user to change channel configurations, disk settings, and view status from a single application.
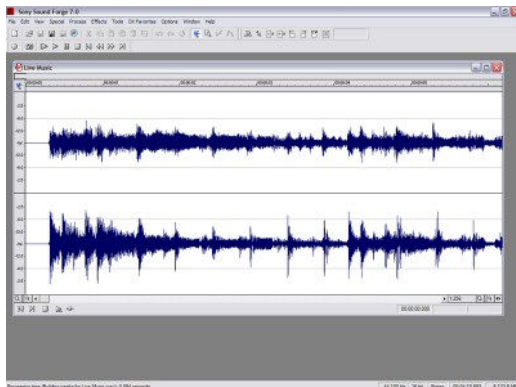
Sony Sound Forge

Sony "Sound Forge" is provided for multi-track audio editing. A single seat license is provided from Sony. This application may be installed on the playback workstation or other networked workstations.
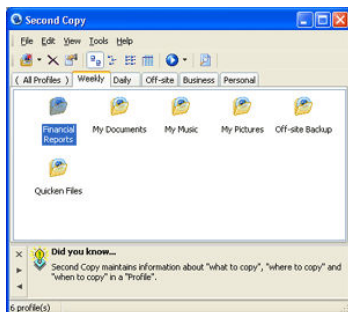
Second Copy Backup Utility

Second copy backup software makes it easy to copy selected recordings to external devices such as network servers, optical disks, fibre channel or USB attached backup storage.

Integrated nicely with our logging applications, this utility is perfect for off-site backup.

Complete On-Site Installation

DLI offers complete on-site installation services: A customer pre-installation survey is completed. The logger is configured at the factory per the customer's requirements. DLI securely packs and crates the logger with related accessories, tools and equipment. The crate is loaded freight prepaid, insured, and shipped at DLI expense via domestic 7-day truck shipment within the continental US. A DLI installation technician is flown to the site and performs an initial test of incoming audio lines, VoIP data and network configuration. The logger is unloaded and installed to the customer's demark point. The DLI tech then installs the logger and assists in network setup and security. One additional day of on-site operator training is provided at no extra charge. This installation service is provided at a flat-rate of $3,750.

Standard Warranty

Standard warranty includes replacement of any defective hardware for a period of 12 months from the date of installation. Overnight cross-shipment of critical components is provided at no charge.

Extended Warranty with Software Upgrades

The DLI extended warranty is recommended for E-911, ATC, securities, and government applications. The extended warranty includes travel and on-site visits as necessary to maintain and upgrade the logger on an ongoing basis.   An 800 number is provided for 24x7 extended warranty support. Periodic security, operating system, and application upgrades are included. The extended warranty starts one year after installation and is currently billed at $185/month for this VoIP configuration.

24x7 Monitoring and Rapid Response Service

For mission critical recording applications such as ATC and E-911, DLI provides a pro-active rapid response and monitoring service. This service communicates through a secure link via the customer's WAN. The logger connects to a DLI factory server which monitors logger operation continuously to ensure non-stop operation of the recorder. Any disruption causing an interruption in recording or system alert, such as a power loss, network outage, erroneous upgrade, hardware or application error will immediately page DLI personnel who will take immediate corrective action. This cost of this service is just $65/month when purchased in conjunction with the extended warranty above.