

Liberty Interview Recorder

records and documents custodial interviews

The **Liberty Interview Recorder** is a simple, easy to use recording system that captures interview audio, video and notes for police, law enforcement services and other government agencies.



"The Liberty Interview Recorder allows police and other agencies to capture interview recordings and document the interview."

The program uses standard VHS-like Start, Stop and Record buttons. The recorded material is saved into a single file on the recording system hard-drive. The file may be automatically and simultaneously recorded to a secure file server and saved onto a CD/DVD. The recordings can later be transcribed or provided to other agencies in a universal playback format.

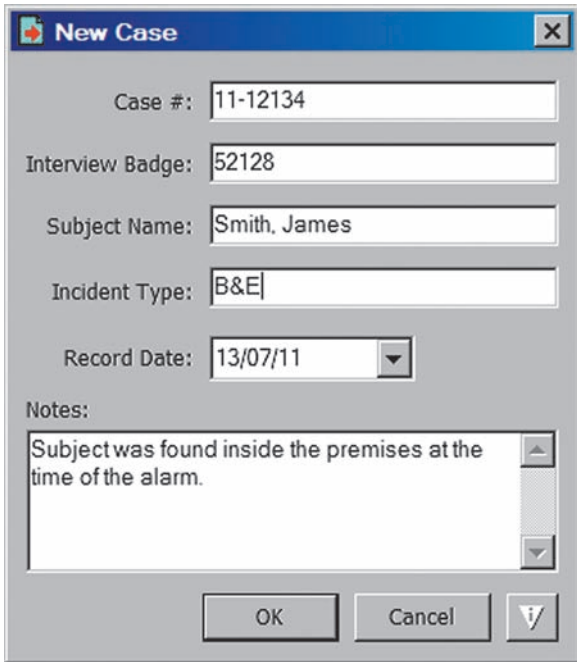
The recorded notes serve as "bookmarks" or cue points into the recording file. The notes may later be searched to find and identify recordings files. They also eliminate the need to fast-forward or rewind through large recording files.

Liberty Interview Recorder Features

- Real-time audio and video display for concurrent monitoring.
- Configuration options include recording multiple interview rooms onto a single PC saving money and space on PC hardware.
- Recordings saved into universal formats such as .pdf and .wmv for distribution to other agencies, eliminating the need for the download of proprietary playback programs.
- Custom watermark plus time and date stamp imbedded onto every recording frame.
- Remote monitor capabilities through a standard LAN network.
- Optional remote "start-recording" facility with either a hardware switch, or through a remote control program.
- Recording LED that may be installed into the interview room to confirm that recording is active.
- Configurable "case information" prompt so that each interview is documented with a consistent set of information.
- Instantaneous playback cueing; no more delay while waiting for fast-forward or rewind functions.
- Playback program specifically designed for transcription including foot-pedal support.
- Automatic Gain Control and Noise Reduction facilities for the clearest possible audio playback.
- Mute button provides continuous video recording with muted audio.
- Search facility matches on any text entered into the associated file notes.
- Non-proprietary, open source compression formats.
- Configurable frame rates and video resolutions.

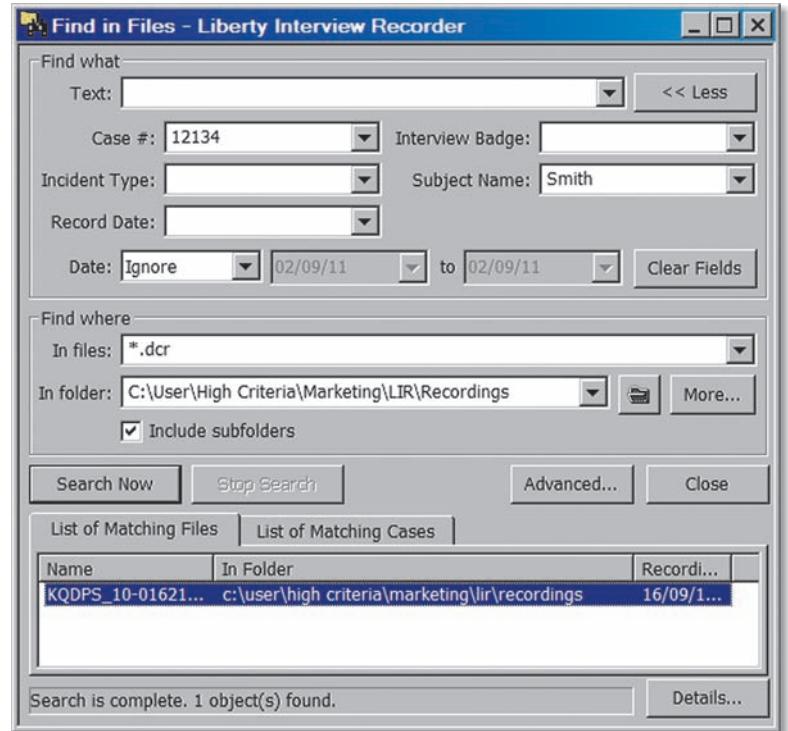
Liberty Interview Recorder Case Annotation and Search Facility

The **Liberty recorder** may be configured to automatically prompt for case information such as the case number, subject name, officer badge number and other case specific information.



Automatic Prompt for case information.

The information captured at the time of the interview may later be used as search criteria to find relevant interview recordings.



Name	In Folder	Recordi...
KQDPS_10-01621...	c:\user\high criteria\marketing\lir\recordings	16/09/1...

Liberty search menu allows for finding files that match search criteria.

Liberty Security & Audit Features

The **Liberty Interview System** uses Windows based security and audit facilities that have been evaluated and accredited by the U.S. National Security Agency (NSA), and that enforce end-user identification, access control and audit for the interview recording files¹.

The **NSA** is the government agency responsible for evaluating and prescribing security for all U.S. government computing systems. The NSA has determined that the security and audit facilities in Windows can be relied upon to; identify and authenticate users, as they login to the system; control access to files, based on predefined user and group access rights, and; provide a complete audit log of access activity, including the time and date of the event, the user id associated with the event and, the type of access requested (create, read, delete, etc). Centralized administration of the security configuration is provided through Active Directory (AD), the administration program for configuring Windows userids and access controls.

These security facilities may be configured to provide group access to all of the files in a folder, or it can provide more granular access to individual files for a limited number of authorized users.

The **Liberty Auditor** program may be used to generate audit log reports that show who accessed recording files and the time and date of such accesses.

Users are cautioned against security claims that are not validated by accredited sources such as the NSA, especially regarding databases as storage repositories that may introduce unknown authentication and access vulnerabilities.

¹ See NIAP Validation Report Number: CCEVS-VR-VID10390-2010

Dual Screen Video Recording

The Liberty Recorder can simultaneously record two or more video feeds for the same interview, eliminating the need for the older style picture-in-a-picture (PiP) overlay. The older PiP solutions cause a portion of one camera stream to be overlaid with the stream from a second camera. The overlaid area is obscured by the second camera feed and cannot be seen during playback. Additionally, because both feeds are combined into a single video channel, they cannot be replayed or exported individually or separately saved into a different playback format.

Because the Liberty system records separate video feeds for each camera, the end result is two separate and complete videos. The separate video feeds are saved into a single recording file. They may be played-back individually, or at the same time. They may also be individually saved into a different playback format, or saved into a side-by-side format where both camera feeds can be seen without obstruction.

Multiple video feeds can be especially beneficial when recording interviews with children where they are unrestricted and may want to walk about the interview room. Up to four individual cameras may be used in a single interview room.

The screenshot displays the Liberty Interview Player interface. At the top, two video windows are shown side-by-side: 'Video Stream 1 - Liberty Interview Player' (24 fps, 320 x 240) and 'Video Stream 2 - Liberty Interview Player' (18 fps, 320 x 240). Both streams show an interview in progress. Below the video windows is a main playback control panel for 'KQDPS_10-016213_Dual_20100916_11'. This panel includes a status section (Action: Playing, Length: 1:43 sec. (3.43 MB), Time: 16/09/10 11:16:27 AM, Position: 0:14 / -1:29), a volume slider, a progress bar, and playback controls (stop, play, previous, next, full screen, 10 seconds). To the right is a 'Bookmarks - Liberty Interview Player' window with a table of time-based notes:

Time	Notes
16/09/10 11:16:13 AM	Case No.: 10-016213
16/09/10 11:16:13 AM	Start Recording
16/09/10 11:17:57 AM	Stop Recording

Below the bookmarks is a 'Notes' section containing the following text:

Case No.: 10-016213
Officer Badge: 02117
Subject Name: Smith, James
Incident Date: 07-05-2010
Notes:
B&E 212 Westown Avenue

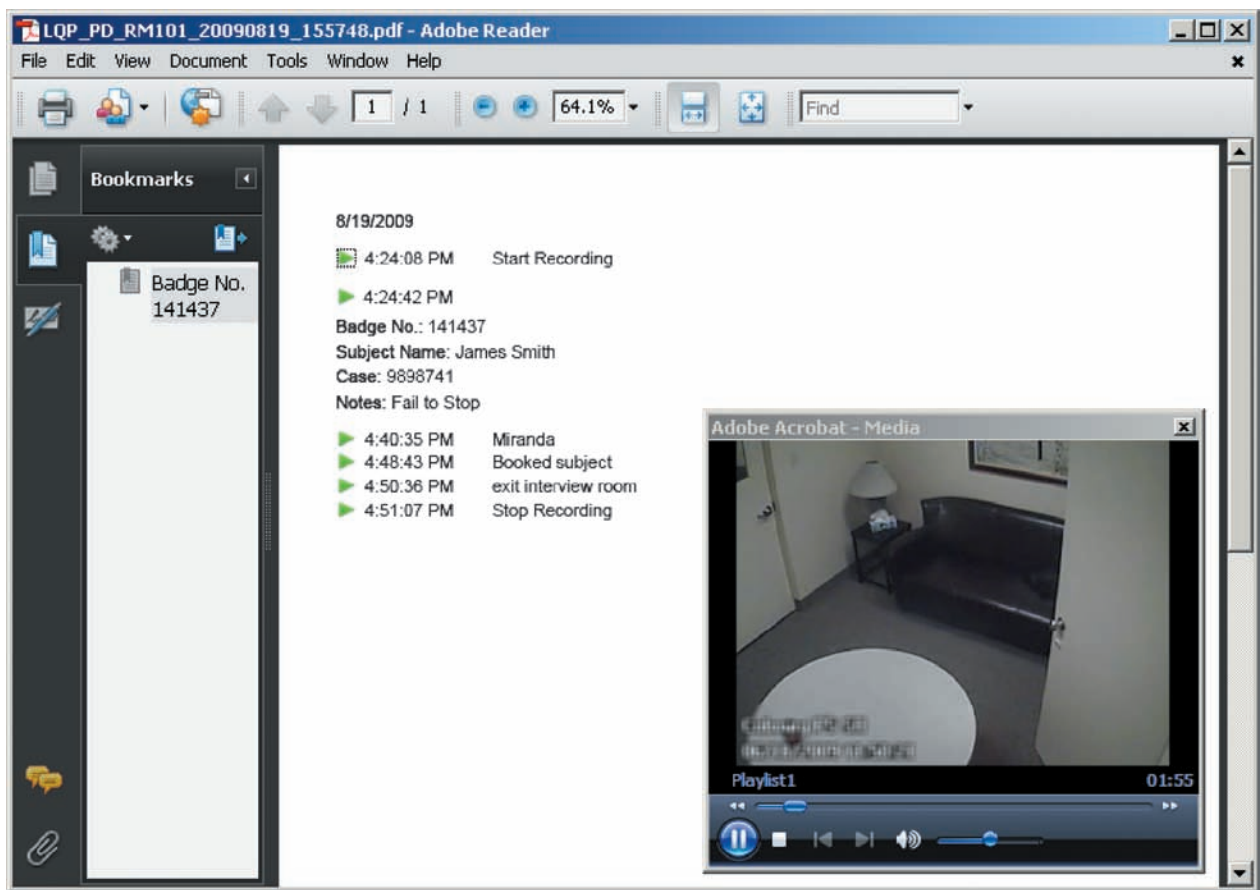
"The Liberty System supports and the screen capture above shows multiple video channels for a single interview recording. The system is not limited to picture-in-a-picture video overlays."

Advanced Features Include:

- Support for recording multiple independent camera feeds (not Picture-in-a-Picture)
- Automatic Gain Control and Noise Reduction for clear audio playback
- IP Camera support for cameras from Axis and Sony
- Mac Playback program
- iPad and Android playback programs
- Custom Audit reporting program
- Non-proprietary hardware, can be serviced by regular IT support staff
- May optionally record multiple interview rooms onto a single computer
- May be configured to stream recordings in real-time to a secure monitoring station(s)
- Digital Signatures may be used to authenticate the recording time, date and user
- Certified by Microsoft for W7 and XP

Save Audio / Video Recordings into standard PDF Files with Cue Points and Annotations

Bookmarks provide multiple cue points to where the operator may instantaneously jump the audio / video playback. Audio / Video recordings may be saved into standard .pdf documents. Annotations can provide cue points into the recordings and playback is facilitated through Windows Media Player. A proprietary playback program is not required.



The Liberty Interview Recorder is available through dealers located across the United States and directly from High Criteria Inc. Please contact High Criteria at 905-886-7771 for further details

Contact your local Dealer: