

Cardinal Peak's CaseCracker Interview Management System is designed to make detectives more effective during custodial interviews. The system is built around standard police workflow to save time and result in high conviction rates.

Benefits of the CaseCracker System Include:

- Provides a crystal-clear record, using video and audio, of exactly what was said during police interviews.
- Allows jury members to see exactly how the suspect looked and acted, before being cleaned up for court.
- Protects detectives and agencies from claims of misconduct, coercion, or abuse during interviews.
- Allows an investigator to instantly seek to any point in the interview after the fact, to aid in reviewing only the relevant information from long interviews.
- Enables other investigators to discreetly prompt the interviewer while the interview is ongoing, without interrupting the interview's flow.
- Permits the interviewer to focus on the interview and the subject, rather than on taking notes.

How CaseCracker Works:

Using CaseCracker, departments can easily manage a large number of recordings – involving multiple subjects and multiple interviewers – in a user-friendly and intuitive manner.

CaseCracker records video and audio in two ways. First, an evidentiary "master DVD" is generated in real time during the interview, and can be secured into evidence immediately at the conclusion of the interview. Second, a working copy of the interview is stored in compressed form in an industry-standard SQL database. Stored interviews can be easily searched using powerful database queries. Furthermore, many playback modes are supported: fast forward, rewind, slow motion, and frame-by-frame advance. Users may annotate sessions on a frame-by-frame basis, and search based on annotations. User-selected clips are easily exported to DVD for playback in off-the-shelf consumer DVD players, and the audio from an interview can be burned to CD for easy transcription. CaseCracker is compatible with existing in-room cameras and microphones. It replaces existing audiocassette and VCR based systems, and it enhances existing DVD-recorder based systems.



“CaseCracker is affordable, simple to use, and cuts down on frivolous complaints of misconduct. It is a great tool to present in court.”

– Sgt. Ben Parisi, South Euclid PD, Ohio

“The setup time is minimal, both hardware and software have proven completely reliable and the features are quite easy to use.”

– Sgt. JD Jepkema, Wheat Ridge PD, CO

USER INTERFACE

- Intuitive windows and mouse-based interface
- Password protected individual-user login
- Permissions configurable based on department policy

SESSION RECORDING

- Recording is initiated by clicking the Record button
- User is prompted to enter session specific data such as the subject and interviewer
- Flags can be added remotely via switch input
- Recording can be initiated remotely using the remote client
- Record two interview rooms simultaneously (select models)

SESSION MANAGEMENT

- Manually delete sessions, or schedule their automatic future deletion
- Select a session for playback from a list, or choose one based on a search
- All important user actions are logged to an event log, for purposes of proving data integrity

SEARCHING

- Optimized for speed
- Search one session at a time, or multiple sessions simultaneously
- Search based on:
 - Interviewer
 - Subject
 - Time
 - Case number
 - Annotations containing a desired text string

SESSION PLAYBACK FUNCTIONALITY

- Play, Pause, Fast Forward, Rewind
- Slow motion: forward and reverse
- Single-step modes: step forward or backward by 1 frame, 5 frames, 1 second
- Slider bar for rapid movement within a session
- Step forward or backward to next frame with an annotation

USER ANNOTATIONS

- Add text annotations to any frame
- Search to find all frames with annotations
- Search to find frames whose annotations contain an arbitrary text string

VIDEO

- Picture-in-picture settings to capture 2 camera angles per room with the ability to swap camera views during recording
- Resolution settings up to 640 x 480
- Date, time, frame advance shown in all video and exported media

AUDIO

- Audio sampling at 16 kHz, 16 bits per sample
- Mono or stereo

MEDIA EXPORTING

- Export user-defined clips or entire session to DVD for playback on consumer DVD players
- DVD spanning allows burning long sessions to multiple DVDs
- MPEG-4 video/audio files: Export user-defined clips or entire session for playback using Quicktime
- Audio files: Export user-defined clips or entire session for transcription (WAV format)
- Still Images: Export individual frames for review (JPEG and BMP formats)
- Export annotations and flags (CSV format)
- MP4, WAV, JPEG, BMP, and CSV formats can be exported to data CD, data DVD, USB device, network server location/NAS, or email
- Burn archival DVD

CONNECTIONS

- Camera input port (composite NTSC; BNC connector)
- Microphone input port supports LINE level inputs (Room1: stereo mini-jack; Room 2: stereo RCA)

	STORAGE ESTIMATE (HOURS)				Remote Client	NAS Support
	Good	Better	Best	RAID		
CaseCracker Standard 1-Room	400	150	90	No	No	Option
CaseCracker Standard 2-Room	900	350	200	No	Yes	Option
CaseCracker Premium 2-Room	1900	750	400	Yes	Yes	Included



Cardinal Peak delivers contract engineering services that enable companies to bring new embedded devices to market quickly and reliably, meeting their time-to-market objectives.