

Industry Leader in Recording for Investigative Interviews

CaseCracker is used by the most forward-thinking local and federal agencies, including the Naval Criminal Investigative Service, Air Force Office of Special Investigations, Army Criminal Investigative Division, Fort Leonard Wood Military Police School, US Capital Police, and Boston PD.

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.

Interviews are recorded directly to the CaseCracker system and stored in a compressed form in an industry-standard SQL database. Both live and previously recorded interviews can be securely streamed across the local area network for simultaneous viewing by multiple authorized users.* Flags and annotations can be added during and after recording, by any authorized user;


additionally, flags can be added directly by the interviewer using a covert wireless key fob.

After the interview, video, audio, still images, and other reports can quickly and easily be exported from CaseCracker in standard, non-proprietary formats. Users can easily burn excerpts of interviews to DVD for playback in off-the-shelf consumer DVD players, and transcription of interviews is made easy with CaseCracker's export of WAV files.

*Requires minimum OS and IE standards are met.

Benefits of the CaseCracker System Include:

- ✓ Easiest to use solution on the market
- ✓ Initiate and end recording with a single button
- ✓ View both live and previously recorded interviews securely from any desktop computer*
- ✓ Focus on the flow of the interview rather than on taking notes
- ✓ Search quickly to find relevant information from long interviews



"We never expected to find something as simple to use as CaseCracker. We use it constantly."

- Detective Larry Crapo, Brookline PD, Massachusetts

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, Colorado



TECH SPECS:

User Interface

- Intuitive windows and mouse-based interface
- Password protected individual-user login
- Permissions configurable based on department policy
- Unlimited groups to further fine-tune permissions

Session Recording

- Recording is initiated with one button
- User is prompted to enter session-specific data such as the subject, case number/incident, and interviewer
- Flags can be added remotely via wireless key fob
- Recording can be initiated remotely using remote wall-mounted switch or with remote PC client
- Record two interview rooms simultaneously (select models)
- View live and previously recorded interviews from authorized PCs on the local network via the OnDemand feature.

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 recorded in an event log

User Annotations

- Add searchable text annotations to any frame

Searching

- Optimized for speed
- Search one session at a time, or multiple sessions simultaneously
- Search based on interviewer, subject, time, case number, or annotations containing a desired text string

Session Playback Functionality

- Play, pause, and fast forward or rewind in multiple speeds
- Advance forward or backward by 1 frame or 1 second
- Slider bar enables rapid movement within a session
- Jump forward or backward from annotation to annotation
- OnDemand interface allows users to browse, watch and annotate previously recorded interviews

Video

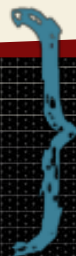
- Picture-in-picture settings to capture 2 camera angles per room with the ability to swap camera views during recording
- Resolution settings up to 640 x 480
- Records 30 frames per second

Audio

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

"I think the best feature is its ease of use. From recording an interview to burning it to a DVD, I think someone with the smallest amount of computer 'know how' can use the system easily."

– Det. Michael Metz, University of Florida Police Department, Florida



Security

- Date, time, and frame numbers shown on all video and exported media
- Secure Hash Algorithm (SHA-1) applied to video and audio for authentication
- Live video and audio are encrypted using Secure Real-Time Transport
- Protocol (SRTP) and Advanced Encryption Standard (AES)
- Cryptographic hash fingerprint can be exported as a PDF to verify video integrity

Connections

- Camera input port (composite NTSC; BNC connector)
- Microphone input port supports LINE level inputs (stereo RCA)

CaseCracker Stationary Includes

- CaseCracker stationary workstation with Linux and CaseCracker application pre-installed
- Workstation includes: monitor, mouse, keyboard, speaker bar, and chassis
- Optional inclusion of (2) covert or overt cameras and (1) covert microphone per room

Media Exporting

- Burn time for MPEG-2 files ranges from 7% to 25% of the video duration
- Export user-defined clips or entire session to DVD for playback on consumer DVD players
- Export to Evidence Management Systems
- DVD spanning allows burning long sessions to multiple DVDs
- MPEG-4 video/audio files: Export user-defined clips or entire session for playback using VLC or 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 and PDF formats)
- MP4, WAV, JPEG, BMP, PDF, and CSV formats can be exported to data CD, data DVD, USB device, network server Share/NAS, FTP server, or email
- Burn archival DVD

CASECRACKER
by Cardinal Peak

CaseCracker Configuration	Storage Estimate (hours)			HDD Size	RAID	NAS Support
	Good 320x240	Better 320x480	Best 640x480			
Standard 1-Room	900	350	200	1 TB	No	Option
Premium 1-Room	1900	750	400	2 TB	Yes	Included
Standard 2-Room	1900	750	400	2 TB	No	Option
Premium 2-Room	2900	1150	600	3 TB	Yes	Included

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