STARW★TNESS®
℠ FROM SIGNALSCAPE

Solutions
STARWITNESS®

STARWITNESS® SOLUTIONS

Since 1997, StarWitness been collaborating with the federal, state, and local law enforcement community. Our products offer a unique blend of technology shaped around our customers' needs and an intense commitment to support and training. We are proud to offer interview recording, digital evidence recovery, and forensic video products for the law enforcement and child advocacy communities.

Interview Recording
The StarWitness Field Interviewer is our compact, mobile interview recording solution. This product allows users to conduct interviews anywhere. Our StarWitness Interviewer product is an in-room recording solution that is intuitive and easy-to-use. Both solutions record interviews with exceptional audio and video quality. If something is said during an interview, it is saved.

Forensic Video and Digital Video Recovery Solutions
The StarWitness Field Agent HD kit provides all the gear needed to collect and preserve evidence.

INTERVIEW RECORDING
StarWitness Field Interviewer

The StarWitness Field Interviewer is a compact, portable interview recording device that helps you solve crime. It is easily mounted to a car's dashboard, attached to a tripod, placed in the palm of your hand, or simply set on a table. The Field Interviewer kit includes an Android tablet for previewing your interviews and a software package to load on your PC to playback, manage, and burn DVDs of interview recordings.

Field Interviewer Features

- Simple, one-touch recording
- Excellent audio quality, records whispers and faint speech
- Start and stop interviews with the push of a button on either the device or the tablet
- The red light on the recorder indicates when it is recording
- The included Android tablet can be used to preview the recording to verify camera and subject placement
- External battery included in kit for extended recording times

Technical Specifications

- Records twelve hours of interviews on removable micro SD memory card. Replace the removable SD card for additional record time
- Video/audio quality: Full-frame-rate video recording synchronized with high-quality, uncompressed audio
- Removable, magnetic fisheye lens with horizontal viewing area: 54° without lens and 108° with removable fisheye lens
- Video format: H.264 and DVD export
- Battery power: Internal battery runs for four hours. External battery bank adds 18 hours of record time when fully charged
- Power connection: Micro USB
- Supported video standard: NTSC
- The following specifications are used while connected to a PC:
  - > Export DVD video format: MPEG-2 3.3 Mbps (2 hours of video per DVD)
  - > Export DVD audio format: LPCM 16-bit
  - > Export video and audio of interviews to MKV format (playable in VLC and other commercially used media players)
  - > Export interview audio to WAV and WMA file formats

StarWitness Interviewer

StarWitness® Interviewer is a dramatic leap forward in audio and video quality and ease-of-use in interview room recording. Every feature of the StarWitness Interviewer has been designed with your reality in mind and has been chiseled down to its simplest, most intuitive functionality.

When you require reliable, accurate representation of audio and video StarWitness Interviewer is the solution you need.

Software Features

Interviewer comes standard with a feature-rich case management software package. Highlights of the software include:

- **Bookmarking** – Create annotated shortcuts to specific parts of an interview for later reference.
- **Timeshifting** – Pause and seek in an active recording just like with a TV DVR.
- **Background recording** – Play back or burn previous recordings while another interview recording is in progress.
- **One-touch recording** – Start a recording with a click of a button, in the web application or using the wall-mounted push button.
- **Interview management** – System holds interviews, case information, bookmarks and notes, which can all be exported in an HTML-format report.

Interview Recording: Stream, Save, Share

With the StarWitness Interviewer you can stream a live interview right to your desk. A user-friendly web interface makes it easy to view live interviews, view previously recorded interviews or share interviews with anyone on your network. Other features include:

One-touch start and stop of interviews

- Over 900 hours of recording capacity
- Full-frame-rate video recording synchronized with high-quality, uncompressed audio recording
- Burn a standard format DVD – MPEG-2 to 3.3 Mbps (2 hours of video per DVD) DVD video format
- LPCM 16-bit 48 KhZ DVD-quality audio format
- Standard definition video quality (720 x 480)
- Remote recording activation with the push of a button
- Integrated recording indicator light mounted on stainless wall plate
- Optional key enabled switch with indicator light option for activation
- Remote recording status indicators

Web Browser Access

- **Viewing Interviews** – Interviews can be viewed in a web browser utilizing a streamable video format, which provides for constant streaming with varying data connection speeds.
- **Search** – Users can conduct searches with any piece of information from an interview. The system allows the user to select and view assets for playback based on defined metadata.
- **Share Recordings** – Users can easily share a recording with another user or users from the web browser application.
- **User Account Creation with Active Directory** – Create user accounts by integrating Active Directory
- **Downloading Interviews** – The evidentiary quality file can be downloaded via web browser and saved onto a user's computer.

Interview Management

- Export video and audio of interviews to DVR-MS format
- Export interview audio to WAV and WMA file formats
- Sort interview list to find interviews by date, subject, or case number
- All system activities are automatically logged by user

System Logging

Log events by user with dates and timestamps including:

- Playback
- Start/Stop Recording
- Login
- Start Up/Shut Down
- DVD Burns
- Exports
- Ownership Assignment
- Deleting

Security and Authentication

- Password enabled administrator and user identification
- Private recording for internal affairs' interviews
- Burned-in and encrypted authentication code for system id, start date, and time of interview recording

Computer Configuration

- Slim desktop case
- Windows 7 Professional 64-bit
- Video storage hard drive array: RAID 1 (mirrored) fault-tolerant array of two 3TB SATA 7200 drives seen by system as a single 3TB drive
- Optical: DVD ± RW SATA drive
- USB compact keyboard and USB mouse
- Balanced audio capture to minimize interference
- Primary video capture: Composite NTSC
- Picture-in-picture video capture: Composite NTSC
- Integrated high-definition audio output
- Stereo sound bar
- Full-ear headphones
- 22″ flat panel monitor

Cameras

The StarWitness Interview Room comes standard with the choice of two dome cameras or one smoke detector covert camera and one thermostat covert camera.

- A primary dome camera is focused on the subject, providing a close-up view. A second dome camera is installed in the ceiling providing a wide-angle view of the entire room. This camera offers picture-in-picture viewing.

Dome Camera

- The dome cameras have varifocal lenses for adjustment of zoom and three axis adjustment for setting the camera angle.
- The covert camera options include a smoke detector camera and a thermostat cameras. The smoke detector is installed on the ceiling to provide the wide-angle view of the room. The thermostat is installed on a wall for a close-up view of the subject.

Covert Cameras

- A Pan-Tilt-Zoom (PLZ) camera is available as an option, priced separately.

Microphones

- Two wall-mount microphones resembling light switches with low impedance, balanced output for long cable runs without hum pickup or high-frequency loss.
- The two microphone set-up provides for better voice intelligibility.

VIDEO EVIDENCE RECOVERY AND ANALYSIS

Field Agent HD

StarWitness Field Agent HD is a comprehensive, video recovery kit that has all the gear needed to collect and preserve video evidence. The field kit allows users to perform successful video recoveries from digital CCTV surveillance systems – right at the scene of the crime. FreezeFrame UHD software organizes video within an easy-to-use case management system. FreezeFrame software and training comes standard with the purchase of the Field Agent HD.

Features

- Custom software, designed for your needs
- Easy-to-use
- Includes high-performance laptop with uncompressed video capture capability
- Organize video with the case management system
- Recover HD video from HDMI output of CCTV systems

Forensic Video Analysis Software

FreezeFrame UHD
The FreezeFrame UHD software contains all the tools you need to load video from CCTV systems at the scene of the crime and immediately clarify and capture images. FreezeFrame software is designed based on user feedback making it intuitive and easy to use. On-screen features include the ability to adjust brightness and contrast, sharpen, zoom, spotlight, blot out faces, and several import and export options.

The new AWARE feature in FreezeFrame UHD automatically detects motion in any video. No more scrolling through hours of video footage to find movement. Our software detects motion and creates a bookmark, at each point of motion in the video. You'll be able to fast-forward through footage to quickly find and view key 'events'.

This software works on any video including surveillance videos from CCTV systems, videos from smart phones, videos from covert cameras, and videos captured from the Internet.

FreezeFrame UHD Software

Field Agent HD Specifications

Included in the Kit
- CD-Rs, DVD-Rs, CD-RWs, and DVD-RWs
- Compact flash (CF) cards, secure digital (SD) flash media, and flash media reader
- Variety of USB flash drives (512 MB, 2 GB, and 8 GB)
- 500 GB external USB/Firewire and 2 TB external hard drive
- USB cable and adapter kit to connect to various USB devices
- Portable digital video recorder and monitor for recording HD video from HDMI output of the DVR
- S-video and composite analog video capture device
- Keyboard, floppy disks, and floppy drive

Computer Configuration
- Dell Mobile Precision Laptop
- Windows 7 Professional 64-bit
- Intel Core i7-4700MQ (Quad Core, 6 MB Cache, 2.4 GHz)
- 8.0 GB RAM
- Optical drive: DVD ± RW drive
- Composite and s-video capture via USB 2.0 – uncompressed video
- Integrated high-definition audio capture

Included Software
- StarWitness FreezeFrame UHD – forensic video analysis and video clarification

PRODUCTS AND SERVICES

STARWITNESS SOLUTIONS

- Interview Recording in the Field
  - 12 Hour Recording
  - Interview Anywhere
  - Removable SD Card
  - Portable
- Interview Room
  - Web Browser Access
  - User Accounts
  - Multiple Rooms
- Forensic Video
  - Exceptional Audio Qualtiy
  - Video Recovery
  - Customized HD Software
  - Video Analysis
- Feature-Rich Software
- One-Touch Recording
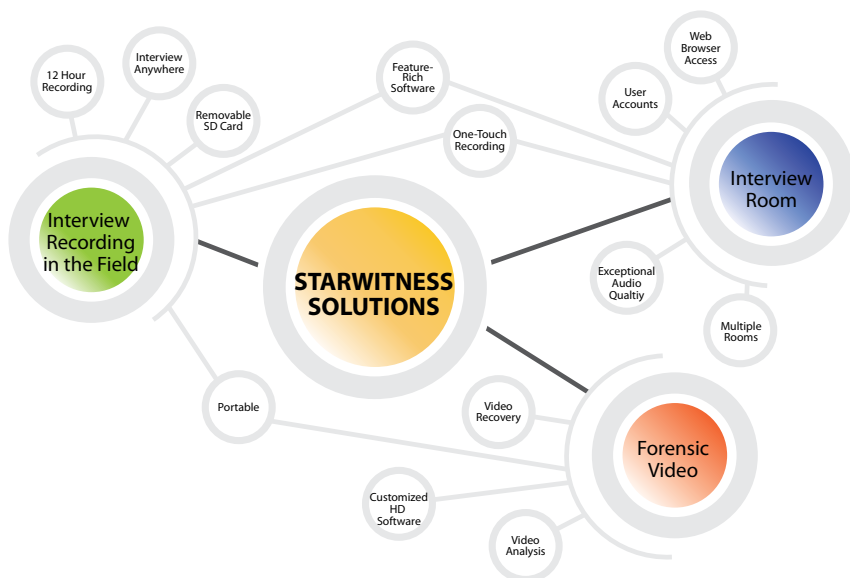
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About Signalscape
StarWitness products are developed, produced, and sold solely by Signalscape, Inc. Signalscape is a premier provider of engineering services and products used by our country's security, intelligence, defense, and law enforcement services to combat crime, fight terrorism, and provide for homeland security.