

Sample Worksheet



The video recovery worksheet on the following pages is automatically generated from completed contemporaneous notes via a new case worksheet within DVR RECORDS.

All agency and personal information is customizable per app settings for both the worksheet and the narrative report.

At no point does DVR Records store any case or agency information on the mobile device.

We use Google Firebase as a Cloud service provider to ensure your data meets the rigorous ISO/IEC 27001:2013 Information Security standards. [View the certificate here.](#)

For more info on ISO/IEC 27001 and Information Security [click here.](#)

Truemarks

Forensic Video Recovery Worksheet

Case #: Sample-Case10001

Examiner: Mark Burtson

Collar/Serial #: 18000

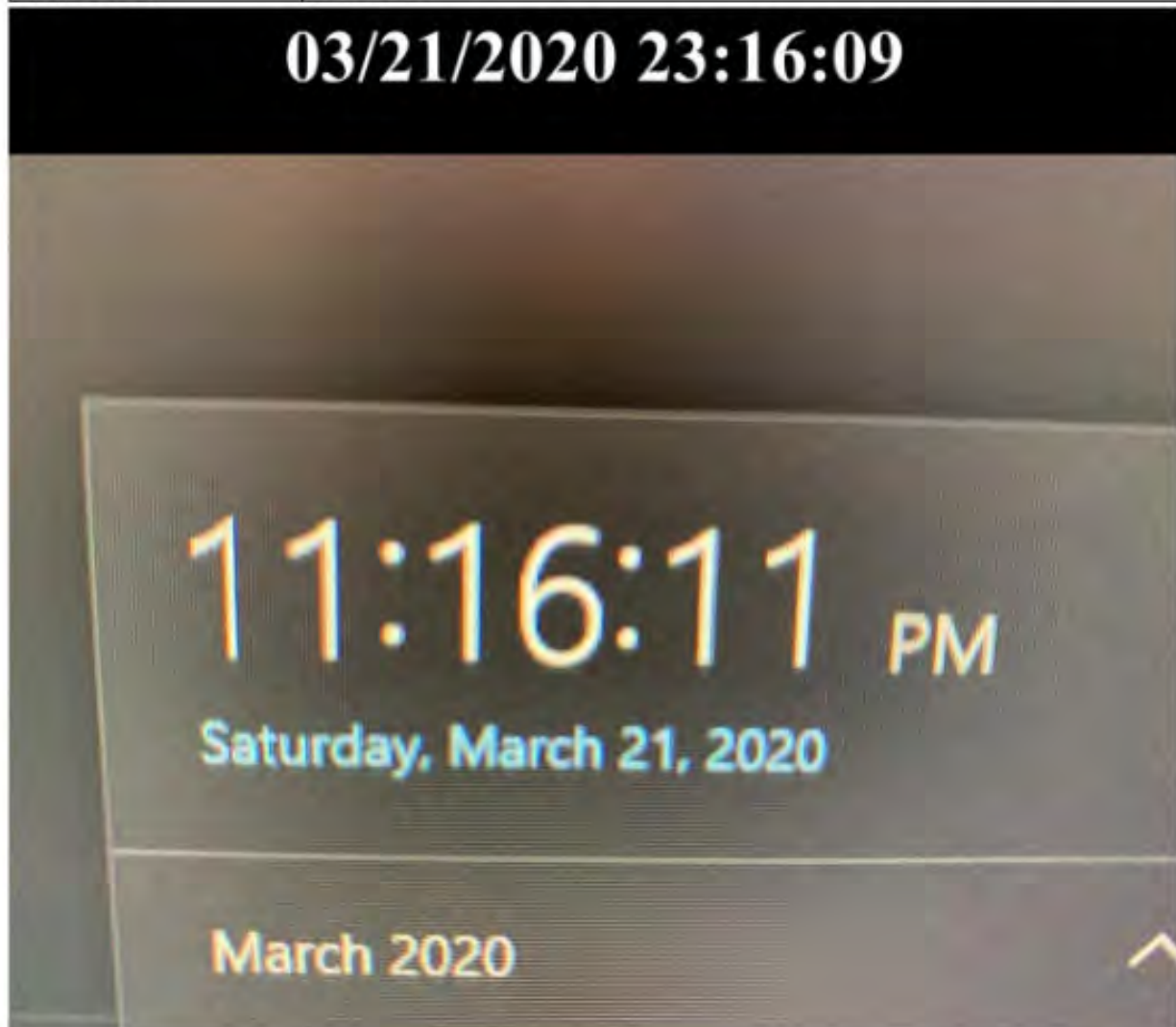
Exam Start Date	03/21/2020	Exam Start Time	23:13:23
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Location Details	1301 Truemarks Way Kansas City, MO 64157	Consent to Search	Search Warrant
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Time Calibration:

System Time Date	03/21/2020 23:16:11	Actual Time Date	03/21/2020 23:16:09
Time Offset	+00:00:02		

03/21/2020 23:16:09



System Information:

Manufacturer	Avigilon	
Model	AV16-231	
User Name Password	Admin	123455
Software Version	201905	
System Type	PC Based	
Connected to Network	Yes	
Approx. Retention Time (days)	4	
Approx. Scope Overwrite Date	3/24/2020 1:08:14 AM	

Camera Information

# Of Cameras Connected To System	16
Cameras Connected But Not Working	N/A

Scopes of Interest:

Determined by viewing

Exported Specifications:

Camera(s) 1-16 from 03/20/2020 01:08:12 to 03/20/2020 02:08:12 per the DVR time

Additional Persons:

Detective John Smith

Additional Comments:

Detective Smith determined the recovery scope.

Sample Report



The DVR RECORDS video recovery report on the following pages is a narrative-style forensic report which includes a methodology.

This report is designed to meet the needs of ISO 17025 Forensic Laboratories and Sworn Officers.

The report is generated from completed worksheet data entered into the DVR RECORDS application.

The application allows the examiner to select options for motion detection and hashing to display on the report as needed.

If a narrative report isn't necessary for your use case, the DVR RECORDS Worksheet provides a record of the recovery.

VIDEO EVIDENCE RECOVERY REPORT

Agency: Truemarks **Report Date:** 03/21/2020
Agency Case #: Sample-Case10001 **Examiner:** Mark Burtson

Narrative:

On 03/21/2020 at 23:13, I arrived at 1301 Truemarks Way Kansas City, MO 64157 in response to a request for assistance with the recovery of video data. I was met at the location by Detective John Smith. The requested video was recovered from a Avigilon digital video recorder (DVR).

A time calibration showed the system was 2 seconds, faster when compared to the actual time. The following video data was collected per the time and date displayed on the DVR:

Cameras 1-16 from 03/20/2020 01:08:12 to 03/20/2020 02:08:12

Methodology:

- A search warrant was obtained prior to the export of video data.
- A time calibration was carried out. The date and time on the system was set for 03/21/2020 23:16:11 the actual time and as verified by a known source, was 03/21/2020 23:16:09.
- The exported video data was saved to flash media as an intermediate media. The data was transferred to optical media for recovery. The accurate transfer of information from the intermediate device to the optical media was verified through hash functions.
- The recovered video was viewable at the time of collection. The video was visually consistent with the video as it appeared on the original system.

Additional Comments:

Hashing is a process where a computer program can assess a digital file(s) and assign a fixed-length number to that file. Some have likened it to a "digital fingerprint." These fixed-length numbers are called hash sums or hash values. Matching hash values are means of assuring digital files have not been altered in any way during the transfer from one storage device to another.

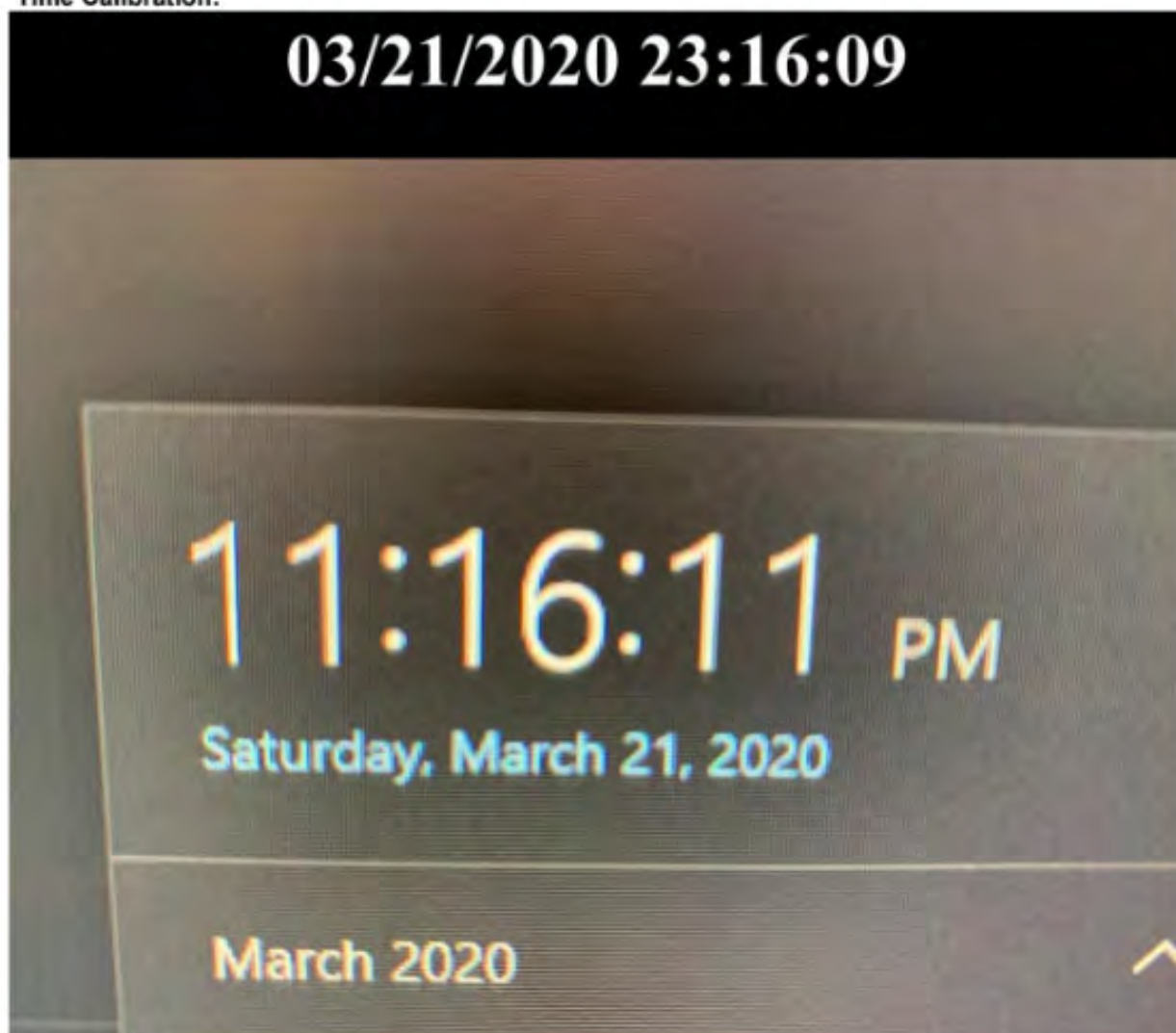
Motion Detection is an electronic method of detecting a change in the field of view of a camera. In its simplest form, this is achieved by storing one frame of the video information and then comparing the next frame with this to decide whether there has been a change. If a change is detected, the DVR will capture and store the event. Typically, this is for a preset time period (pre and post-event). Systems that are set for motion detection may not export continuous video, nor start and stop at the time scopes requested by the examiner. Therefore, start and end times of recovered video for each camera may differ from each other.

No analysis regarding the content of the video content was made.

Recovery Notes:

Detective Smith determined the recovery scope.

Time Calibration:



Mark Burtson
Forensic Video Technician