



ADVANCED VIDEO REDACTION OF BODY-WORN VIDEO

MEET THE TEAM

Tara Collings

- Joined SPD in 2016 as a paralegal.
- Processed public disclosure requests as main role from 2016 through 2020.
- Currently serves as the Legal Unit Manager, overseeing public disclosure and criminal & civil litigation.

Eric Ancheta

- Joined SPD in 2021 as a Video Specialist II.
- Has a video production background
- Currently works in a team of three Video Specialists to process ICV & BWV requests for the Legal Unit.

Sarah Ricci

- Joined SPD in 2017 as the Legal Unit's initial Video Specialist II.
- Has a video production background.
- Currently works in a team of three Video Specialists to process ICV & BWV requests for the Legal Unit.

Jeremy Stewart

- Joined SPD in 2022 as a Video Specialist II.
- Has cinematography, editing, and live production background.
- Currently works in a team of three Video Specialists to process ICV & BWV requests for the Legal Unit.

PUBLIC DISCLOSURE REQUEST STATS

Seattle Police Public Disclosure Dashboard

All PDR Count

36,611

Avg Days Open

51.97

Avg Hours

10.0

2017: 5,884 PDRs received (BWV implemented mid-year)

2018: 6,236 PDRs received

2019: 8,045 PDRs received

2020: 7,955 PDRs received

2021: 9,493 PDRs received

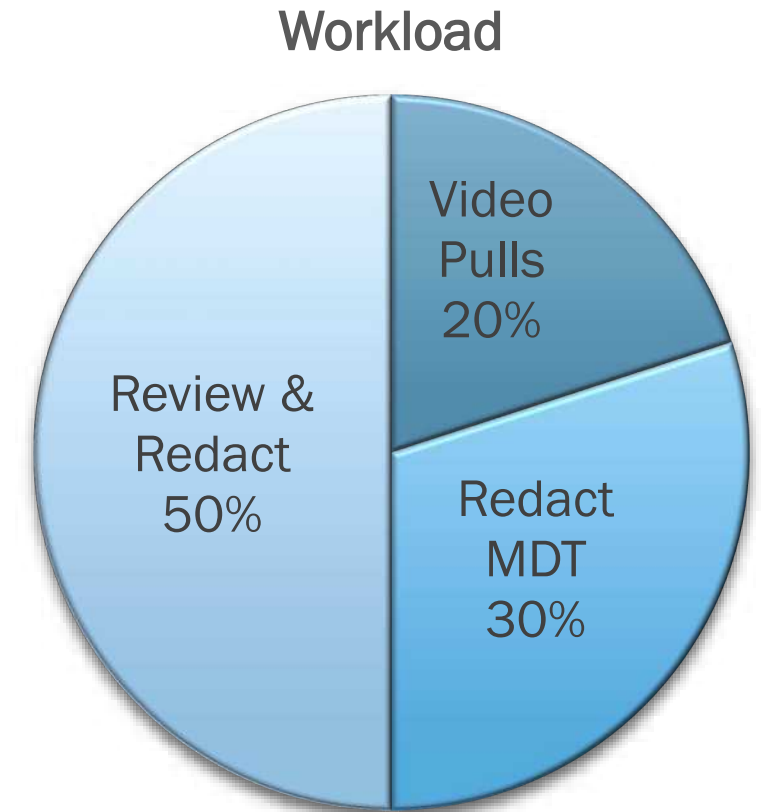
2022: 12,129 PDRs received

2023: currently on pace to receive 24,000 PDRs

TYPICAL DAY OF A VIDEO SPECIALIST

- Researches and pulls ICV (In Car Video) and BWV (Body Worn Video) for an incident number.
- Redacts BWV for MDT (Mobile Data Terminal or the computer in officer's car) and DOL (driver's license)
- Reviews and redacts BWV and ICV for non-disclosure of victims, witnesses, juveniles, and medical.

Currently, we have 440 open video activities split between 3 video specialists (2,700 open PDRs total).





A curved ultrawide monitor setup on a desk. The monitor is divided into several sections displaying different applications. The leftmost section shows a file explorer or project browser. The middle section displays a data table with columns for 'Time', 'Speed', 'Distance', and 'Altitude'. The rightmost section shows a video editing interface with a preview window and a timeline. Below the monitor, there are two large black speakers, a smartphone on a stand, a digital clock, a keyboard, and a mouse. The background is a blue wall.

WORKSTATIONS

Laptop

Processor Intel(R) Core(TM) i7-1185G7 CPU
@ 3.00GHz 3.00 GHz
Installed RAM 16.0 GB (15.3 GB usable)
System type 64-bit operating system, x64-
based processor

iMac

Processor 3.7GHz 6-Core Intel Core i5
Graphics Radeon Pro 580x 8GB
Memory 32GB 2667MHz DDR4

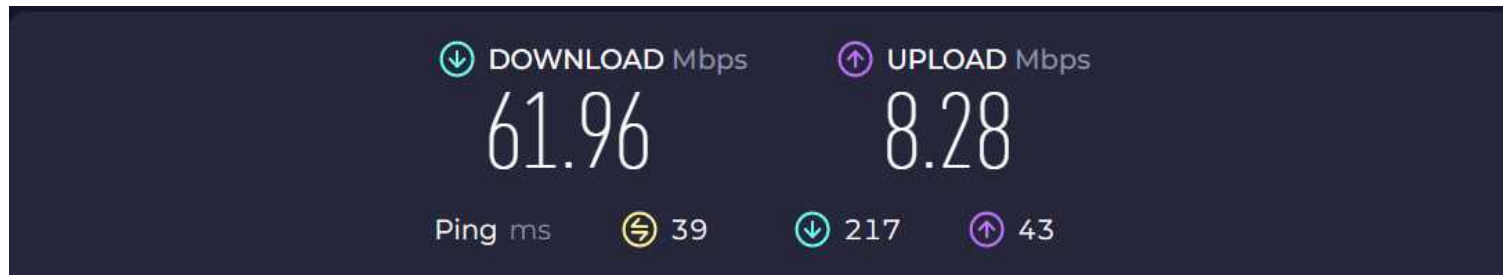


Remote Desktop #1 - Redaction PC
Intel(R) Core(TM) i7-10700K CPU @ 3.80GHz 3.79 GHz
Installed RAM: 48 GB
Storage: 500 GB

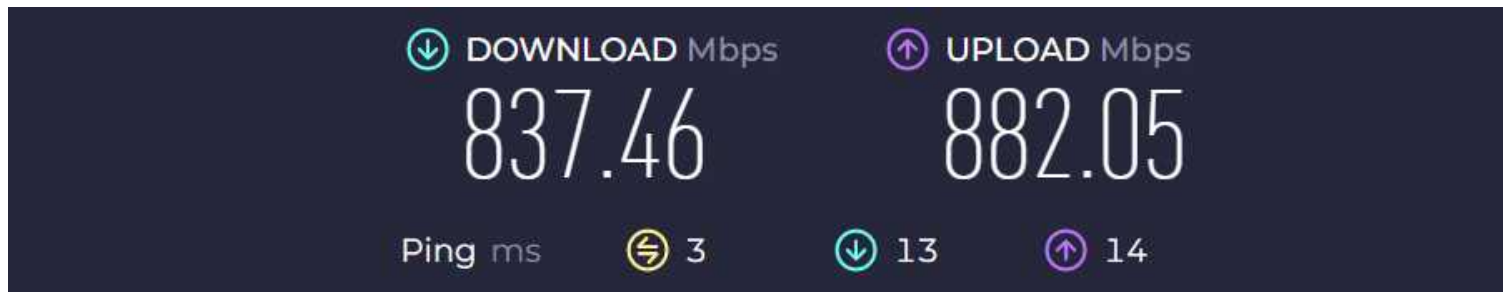
Remote Desktop #2 - Research and Video Pull PC
Intel(R) Core(TM) i7-10700 CPU @ 2.90GHz 2.90 GHz
Installed RAM: 16 GB
Storage: 2 TB

NETWORK SPEED

Home network speed



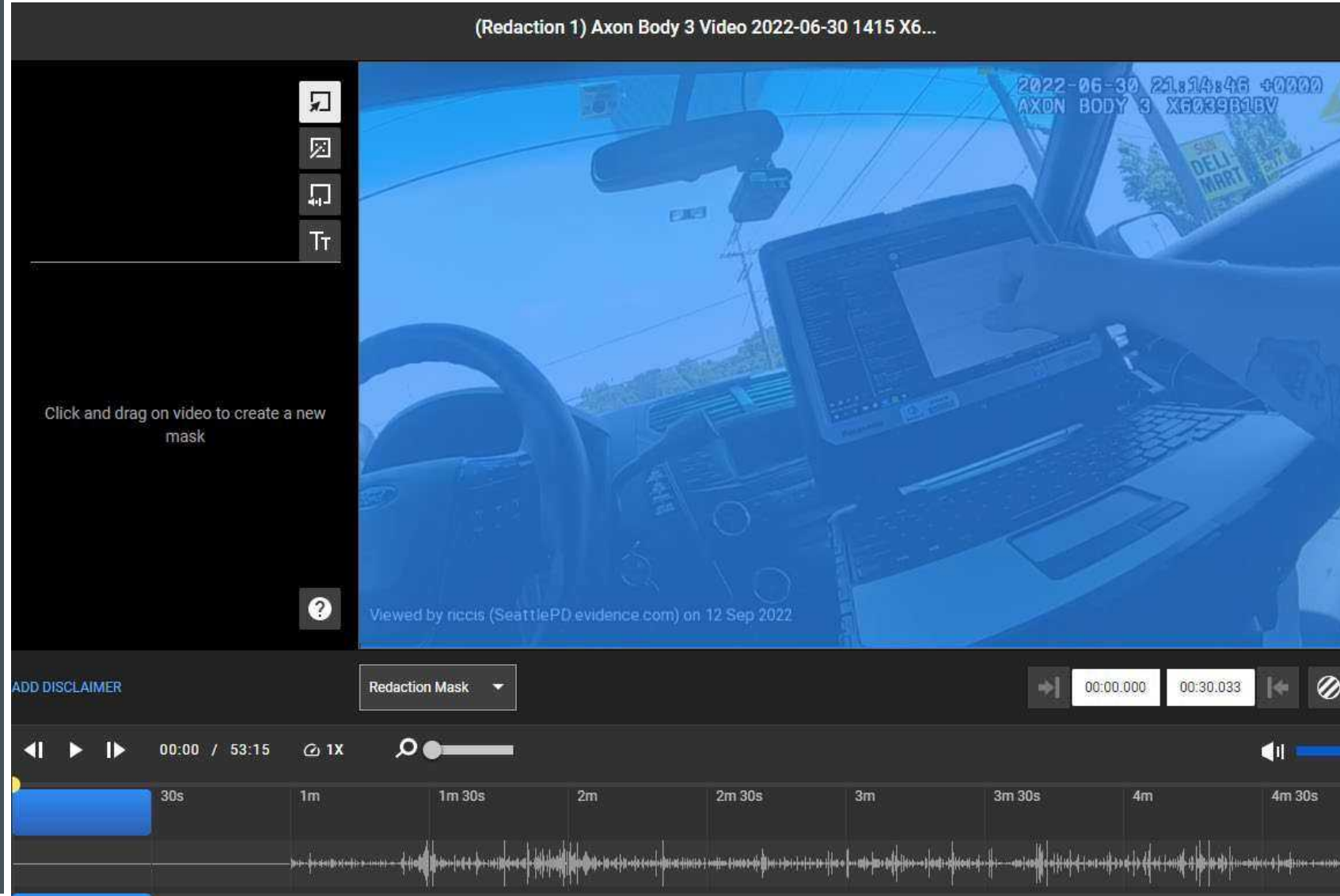
Office network speed



TOOLS

AXON's Evidence.com

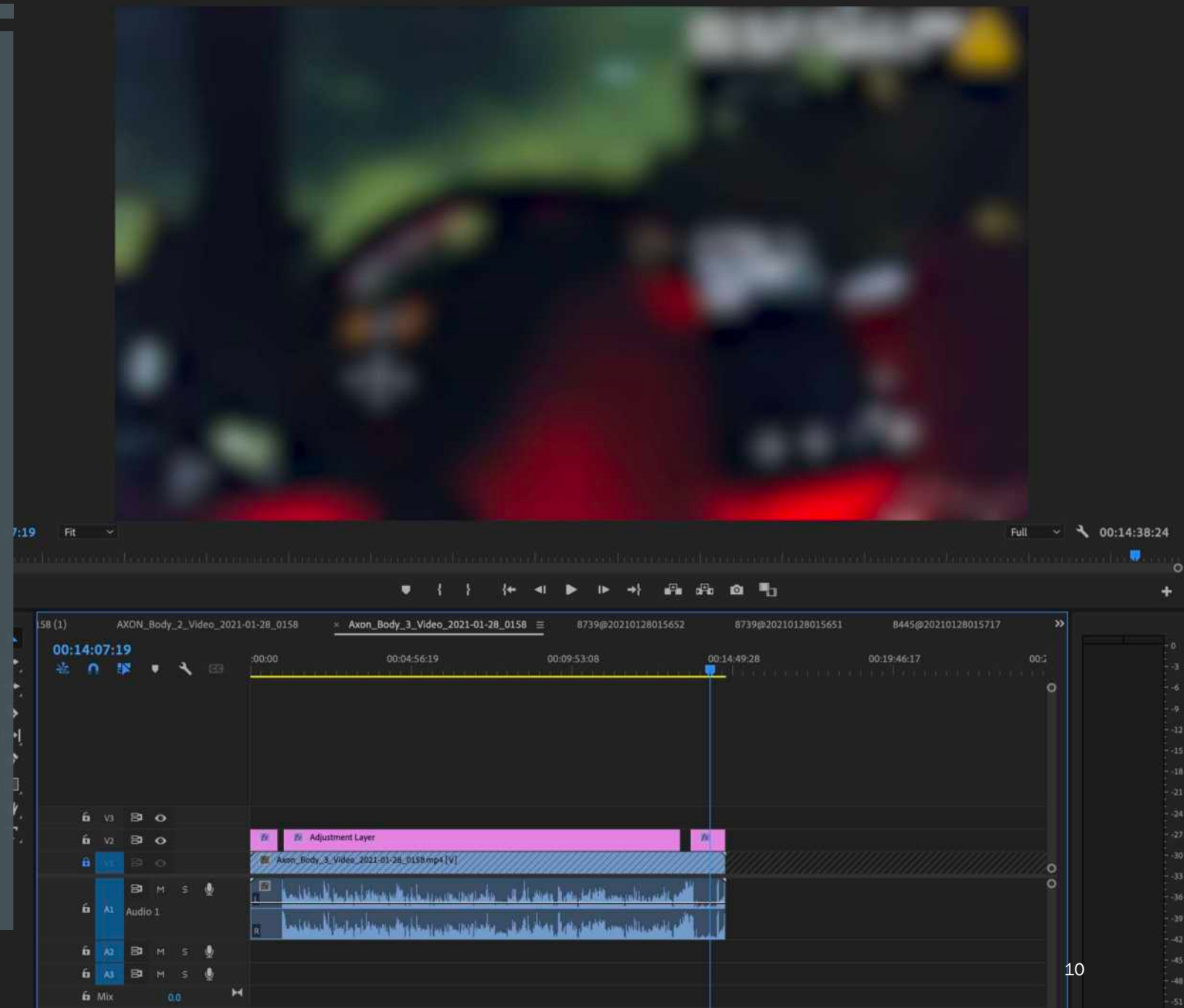
- User-friendly
- Cloud-based
- Great for MDT, DOL redactions
- Processes video in the cloud
- Cuts down on redundant redactions



TOOLS

Adobe Premiere

- Premiere Pro is the industry standard for professional video editors.
- More manual controls
- Ability to sync videos. That cuts down redaction time on incidents with many videos.
- Captioning feature that can transcribe audio for ND.



WORKFLOW

Research

I start by researching the incident number and finding all BWV and ICV pertaining to the incident.



EVIDENCECASESINVENTORYREPORTSADMINHELP



4

MY PROFILE
Last login May 16, 2023
SIGN OUT

ALL EVIDENCEMY EVIDENCESHARED EVIDENCEEVIDENCE MAPCOMMUNITY REQUEST

IDTITLEUSER OR GROUPEVIDENCE MAPDATE

23-122622XStartEnd

CATEGORYTAGCASE IDCUSTOM METADATA

SHOW ADVANCED SEARCHRESET FILTERS

SEARCH

Evidence

IMPORT EVIDENCEEXPORT RESULTS...

5 results

☐	ID	Title	Owner	Uploaded By	Uploaded On	Recorded On	Duration	Category	Status
☐	2023-122622	 AXON Fleet 2 IR Video 2023-...	kim, david (8460)	kim, david (8460)	May 5, 2023 11:03 PM	May 5, 2023 8:49 PM	11m 3s	Assist	Active
☐	2023-122622	 Axon Body 3 Video 2023-05-...	vaaga, joshua (8397)	vaaga, joshua (...)	May 5, 2023 11:24 PM	May 5, 2023 8:28 PM	6m 36s	Suspicious Circu...	Active
☐	2023-122622	 AXON Fleet 2 Video 2023-05-...	vaaga, joshua (8397)	vaaga, joshua (...)	May 5, 2023 10:41 PM	May 5, 2023 8:28 PM	6m 33s	Suspicious Circu...	Active
☐	2023-122622	 Axon Body 3 Video 2023-05-...	kim, david (8460)	kim, david (8460)	May 6, 2023 4:48 AM	May 5, 2023 8:26 PM	34m 3s	Assist	Active
☐	2023-122622	 AXON Fleet 2 Video 2023-05-...	kim, david (8460)	kim, david (8460)	May 5, 2023 11:11 PM	May 5, 2023 8:25 PM	34m 22s	Assist	Active

- Multicam playback allows videos that were recorded by different cameras, but in the same location and time, to be found and viewed together.
- Cameras must be within range of each other for at least one minute before or during recording,





Select to add evidence

ADD UP TO 3 VIDEOS

3 Items Found | 0 Selected

[UPDATE ID](#)
[DOWNLOAD](#)
[ADD TO CASE](#)

☐	ID	TITLE	ASSIGNED TO	UPLOADED BY	UPLOADED ON	RECORDED ON	STATUS
1 ☐	2023-99709	Axon Body 3 Video 2023-04-13 1428 X6039B07T	LARSON, ERIK (8610)	LARSON, ERIK (8610)	Apr 13, 2023 8:31 PM -07:00	Apr 13, 2023 2:28 PM -07:00	Active
☐	2023-99709	Axon Body 3 Video 2023-04-13 1428 X6039B0KL	HOPPER-MANOLE, THEODORE (8710)	HOPPER-MANOLE, THEODORE (8710)	Apr 13, 2023 8:39 PM -07:00	Apr 13, 2023 2:28 PM -07:00	Active
☐	2023-99709	AXON Fleet 2 Video 2023-04-13 1428	HOPPER-MANOLE, THEODORE (8710)	HOPPER-MANOLE, THEODORE (8710)	Apr 13, 2023 6:20 PM -07:00	Apr 13, 2023 2:28 PM -07:00	Active

		PDR: P091320-042422			Requestor is victim			
File name	Redact from	Redact to	Redaction Detail	Full	Audio	Video	Blur	
Video_2021-08-16_2337_X6039AGSJ	00:00	05:55	MDT			X	X	*and a little
	08:27	09:12 (end)	MDT			X	X	
Video_2021-08-16_2337_X6039B13Y	00:00	05:30	MDT			X	X	
	09:06	09:11	MDT			X	X	Quick flash!
Video_2021-08-16_2343_X6039B2JT	00:00	21:13	MDT			X	X	
	33:12	34:49 (end)	MDT			X	X	

+

Workflow

Review

This happens two ways. A video specialist reviews the BWV and ICV and redacts.

Or a Public Disclosure Officer reviews the video first and provides a spreadsheet with necessary redactions.

WORKFLOW

Redact

Apply necessary redactions to
BWV and ICV

(Redaction 1) AXON Body 2 Video 2017-01-03 1053

2017-01-03 T18:56:0
AXON BODY 2 X811247

Click and drag on video to create a new mask

Viewed by riccis (SeattlePD.evidence.com) on 14 Sep 2022

ADD DISCLAIMER

Redaction Mask

02:48.902 03:18.932

02:48 / 09:14 1X

30s 1m 1m 30s 2m 2m 30s 3m 30s 4m 4m 30s

WORKFLOW

Review

Check the exported video to make sure redactions are accurate.

(Extraction_2.1)_Axon_Body_3_Video_2021-08-01_1102_X6039ADDA.mp4 - VLC media player

File Playback Audio Video Tools View Help



TYPICAL REDACTIONS

MDT - Full screen Gaussian blur at 50%, or medium blur in evidence.com.

Exception: Screen is too dark to make out any information, or you can clearly see that it is not WACIC/NCIC on screen (such as ICV playback or the map is displayed).



DOL - Targeted Gaussian blur at 50%.

Exception: The requestor's DOL. The requestor's attorney can also get it unredacted.



TYPICAL REDACTIONS

Non-disclosure, juveniles, victims, and witnesses - Targeted blur that is motion tracked at 50%+. Blur intensity will vary depending on how close the subject is to the camera. Adjust to ensure privacy.
Exception: The requestor is the victim, witness, or juvenile's parent or attorney.



Inside the residence or hospital – full screen black out with the text “redacted” on screen. Audio continues with the blacked-out screen.

Exception: The requestor is the homeowner or there is a legitimate interest to the public (ex. Use of force by officers occur inside a suspect's residence).



Redacted

TYPICAL REDACTIONS

Inside AMR, medical treatment by medics - Full screen Gaussian blur at 50-75%. Audio of medical information is cut (blood pressure, medical conditions, and medications).

Exception: The requestor is the person being treated or their attorney.



Domestic Violence - Full black out of the screen and the audio of the victim and/or witness is cut when talking about the incident. Audio of the victim and/or witness stays in the ICV.

Exception: The requestor is the victim and/or witness.

Redacted

OTHER THINGS TO LOOK OUT FOR

- Officer's cellphone – when showing passcodes, private text messages, or private photos (ex. Officer's phone background is his baby's photo) use a targeted blur
- Officer using the restroom – full screen blackout and the audio is cut
- Nudity
- Graphic images, including body parts not covered by a tarp (blood pools can stay in) – full screen blackout
- Social Security numbers
- Credit card numbers
- Passports
- Mugshots or previous criminal record not relating to the incident
- FBI or State ID numbers (they come from WACIC/NCIC) – AFIS, DOC, CCN numbers can all stay in, they are not exempt.
- Apartment/condo door codes
- Precinct door codes



SHORTCUTS LIST

SPACE	PLAY / PAUSE	W	INCREASE MASK SIZE
D	FORWARD 1 FRAME HOLD FOR .5 SPEED	S	DECREASE MASK SIZE
A	REWIND 1 FRAME HOLD FOR .5 SPEED	DELETE	DELETE SELECTED MASK
E	FORWARD 2 SEC	← ↑ ↓ →	MOVE SELECTED MASK
Q	REWIND 2 SEC	M	CREATE AUDIO MASK (PRESS & HOLD AT ANY TIME)
1	1x PLAYBACK SPEED	[	TRIM TO PLAYHEAD (START OF SEGMENT)
2	2x PLAYBACK SPEED	]	TRIM TO PLAYHEAD (END OF SEGMENT)
4	4x PLAYBACK SPEED	+	ZOOM IN ON TIMELINE
		-	ZOOM OUT ON TIMELINE



Premiere Pro system requirements

Recommended Processor: Intel 7th Gen or newer CPU with Quick Sync or AMD Ryzen3000 Series/ Threadripper2000Series or newer

Operating System: Microsoft Windows 10 (64-bit) version V20H2 or later

Memory: 16GB of RAM for HD media

GPU: 6GB of GPU memory for HD and 4K media

Storage: 8GB of available HD space for installation (will not start on a removable flash storage)



SHORTCUT KEYS AND SETTINGS

Editing

- (J,K,L) - Shuttle Controls
- (C) - Razor Tool
- (V) - Selection Tool
- (CTRL+S) - Save

Export

- (CTRL+M) - Export Media
 - ❓ **Format** - H.264
 - ❓ Bitrate Encoding – VBR,1 pass
 - ❓ Target Bitrate [Mbps] - 1.2

Miscellaneous Settings

- **Gaussian Blur**
 - (MDT, AMR) - Blurriness 60%
 - (Home, Nudity, etc) - Blurriness 120%

EXEMPTION LOGS

- We cannot add code overlays to redactions within the videos.
- PDOs will add a separate section within their exemption log to identify which exemptions were asserted within the videos.
- If a requestor asks, we will provide timestamps for each redaction.
- There are products available that can export a redaction log, but SPD does not utilize them at this time.

P12345		
Please note: SPD did not prepare a detailed exemption log because the information normally provided in an exemption log, such as title, author, recipient, subject, and number of pages is readily ascertainable by looking at the responsive records.		
GO/CAD Exemptions		
Redaction Code	Exemption	Comments
1(j)	Jail Records/Booking Photos - RCW 70.48.100	The records contain booking photos and/or other jail records. (RCW 70.48.100) Explanation: Disclosure of the records of a person confined in jail is prohibited except to the subject. Disclosure of information is statutorily prohibited and would violate the subject's right to privacy.
3(b)	Social Security Numbers and Tax Identification Numbers - RCW 42.56.230(5), RCW 9.35.005, RCW 42.56.250(3)	Explanation: Disclosure would violate an individual's right to privacy, and could be used for identity theft, fraud or other criminal activity. SSNs of agency employees, volunteers, and their dependents are also specifically exempt. (RCW 42.56.250(3)).
BWV Exemptions		
Redaction Code	Exemption	Comments
1(i)	WACIC Information - RCW 42.56.070, 28 USC § 534, 28 CFR 20.38, RCW 43.43.710	Record contains information directly obtained from the Washington Crime Information Center (WACIC) system, which is a centralized state computerized index of criminal justice information associated with the National Crime Information Center (NCIC) available to Federal, state, and local law

Q&A

Can you provide an example of when you redact a child's face, and when you don't?

Non-disclosure, juveniles, victims, and witnesses - Targeted blur that is motion tracked at 50%+. Blur intensity will vary depending on how close the subject is to the camera. Adjust to ensure privacy.
Exception: The requestor is the victim, witness, or juvenile's parent or attorney.



Q&A

How much on the Interior of someone's house do you redact? Would that change if the defendants knew the homeowner and they got arrested in the house?

Inside the residence or hospital – full screen black out with the text “redacted” on screen. Audio continues with the blacked-out screen.

Exception: The requestor is the homeowner or there is a legitimate interest to the public (ex. Use of force by officers occur inside a suspect's residence).



Q&A

The officer's computer in the car do you always black it out? If they are talking to another officer sitting in the car and you can see the screen, but it is far away black it out?

MDT - Full screen Gaussian blur at 50%, or medium blur in evidence.com.

Exception: Screen is too dark to make out any information, or you can clearly see that it is not WACIC/NCIC on screen (such as ICV playback or the map is displayed).



RESOURCES

Premiere

<https://helpx.adobe.com/premiere-pro/using/masking-tracking.html>

<https://helpx.adobe.com/premiere-pro/how-to/blur-face-masking-tracking.html>

Evidence.com

https://my.axon.com/s/article/Using-Redaction-Studio-for-Video-and-Audio-Redaction?language=en_US

Best Practices for video redaction

<https://www.justice.gov/archives/oip/best-practices-video-redaction>

ADDITIONAL QUESTIONS?

Redaction questions

Sarah's e-mail: Sarah.ricci@seattle.gov

Eric's e-mail: Eric.ancheta@seattle.gov

Jeremy's e-mail: Jeremy.stewart@seattle.gov

PRA questions

Tara's e-mail: Tara.collings@seattle.gov