AXON

The Current and Future State of Law Enforcement Technology:

Policy, Practice and Other Considerations

Isaiah Fields VP | Associate General Counsel

WE ARE AXON

PEOPLE

50% + Major City PDs

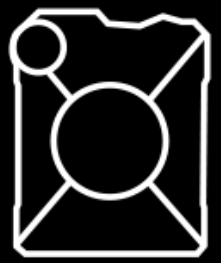
40 + Major Prosecutors



500,000+ Devices

7,000,000+ GB

AXON





DEVICES

APPS

AXON **BODY 2**



SITUATION TODAY



SOCIETAL UNREST



ANTI LAW ENFORCEMENT SENTIMENT



MORE CELL PHONES THAN PEOPLE

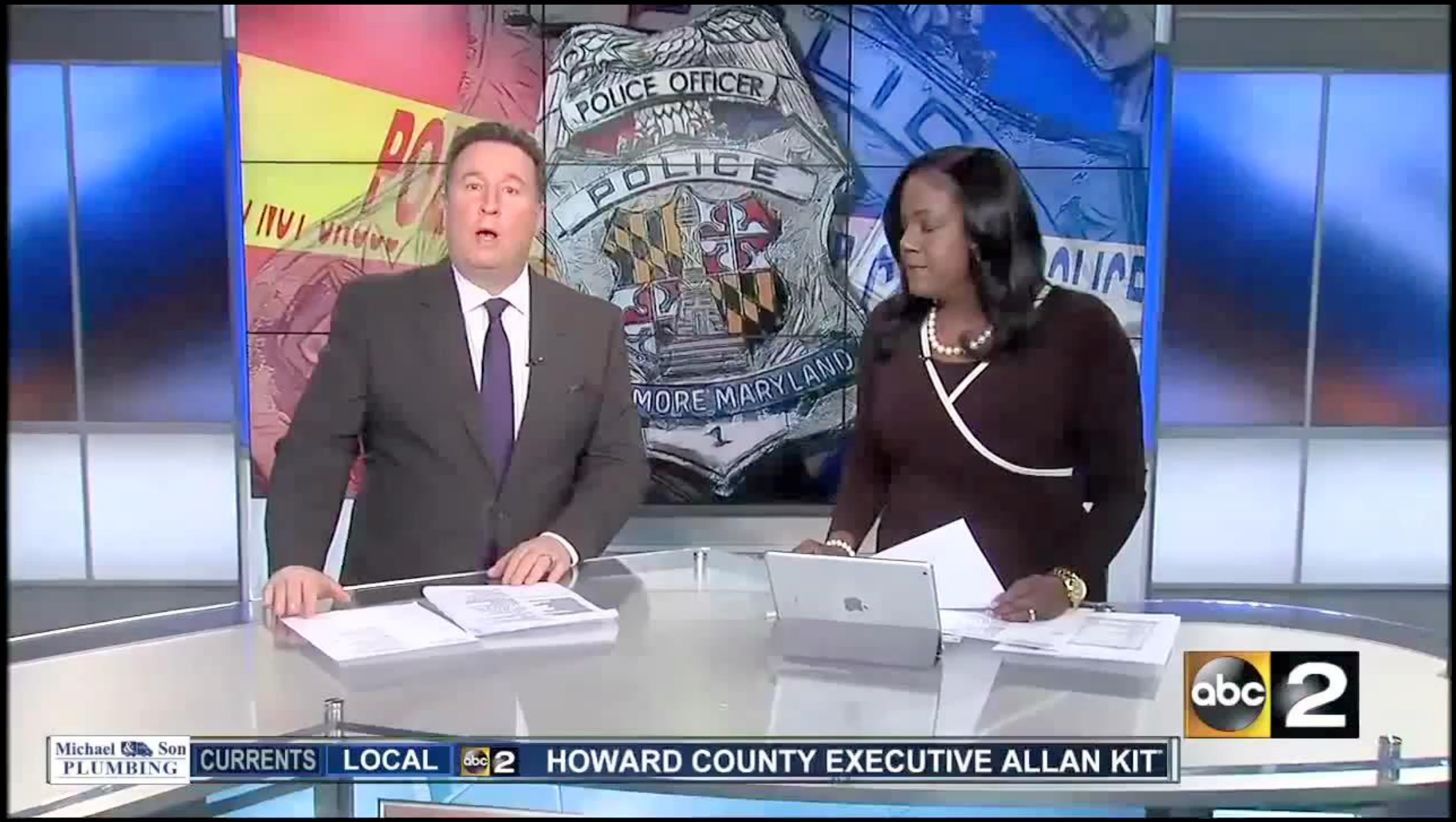


Perception Drives Reality





”We want to be protected, not policed.”


POLICE OFFICER
POLICE
abc 2
Michael Son PLUMBING
CURRENTS
LOCAL
abc 2
HOWARD COUNTY EXECUTIVE ALLAN KIT


BALTIMORE POLICE
POLICE
BALTIMORE MARYLAND
2017-02-07 T20:13:04Z
AXON BODY 2 X81024723

Recent Use of Force Settlements

- Michael Brown (Ferguson): $1.5 Million
- Laquan McDonald (Chicago): $5 Million
- Tamir Rice (Cleveland): $6 Million
- Danroy Henry, Jr. (Pleasantville, NY): $6 Million
- Freddie Gray (Baltimore): $6.4 Million

COMPLAINTS **DOWN 93%**

USE OF FORCE **DOWN 70%**

GUILTY PLEAS **UP 20%**

OFFICER TIME IN COURT SUMMARY HEARINGS REDUCED **UP TO 70%**



RIALTO (CA) COMPLAINTS COST AVOIDANCE

$20,000	Cost per Complaint
X 21	# of Complaints Avoided w/ Cameras
$420,000	Year 1 Cost Savings

- $90,000	Cost of Cameras and Evidence.com
$330,000	**Net Savings Year 1**

City Saved $4 in Hard Cost for Each $1 Spent

Evidentiary Value of Video
Scott v Harris, 550 US 372 (2007)





Scott v Harris, 550 U.S. 372 at 380-81

- With regard to the factual issue…
- Plaintiff's version of events is so utterly discredited by the record [video] that no reasonable jury could have believed him.
- The Court of Appeals should not have relied on such visible fiction; **it should have viewed the facts in the light depicted by the videotape.**

TECHNOLOGY

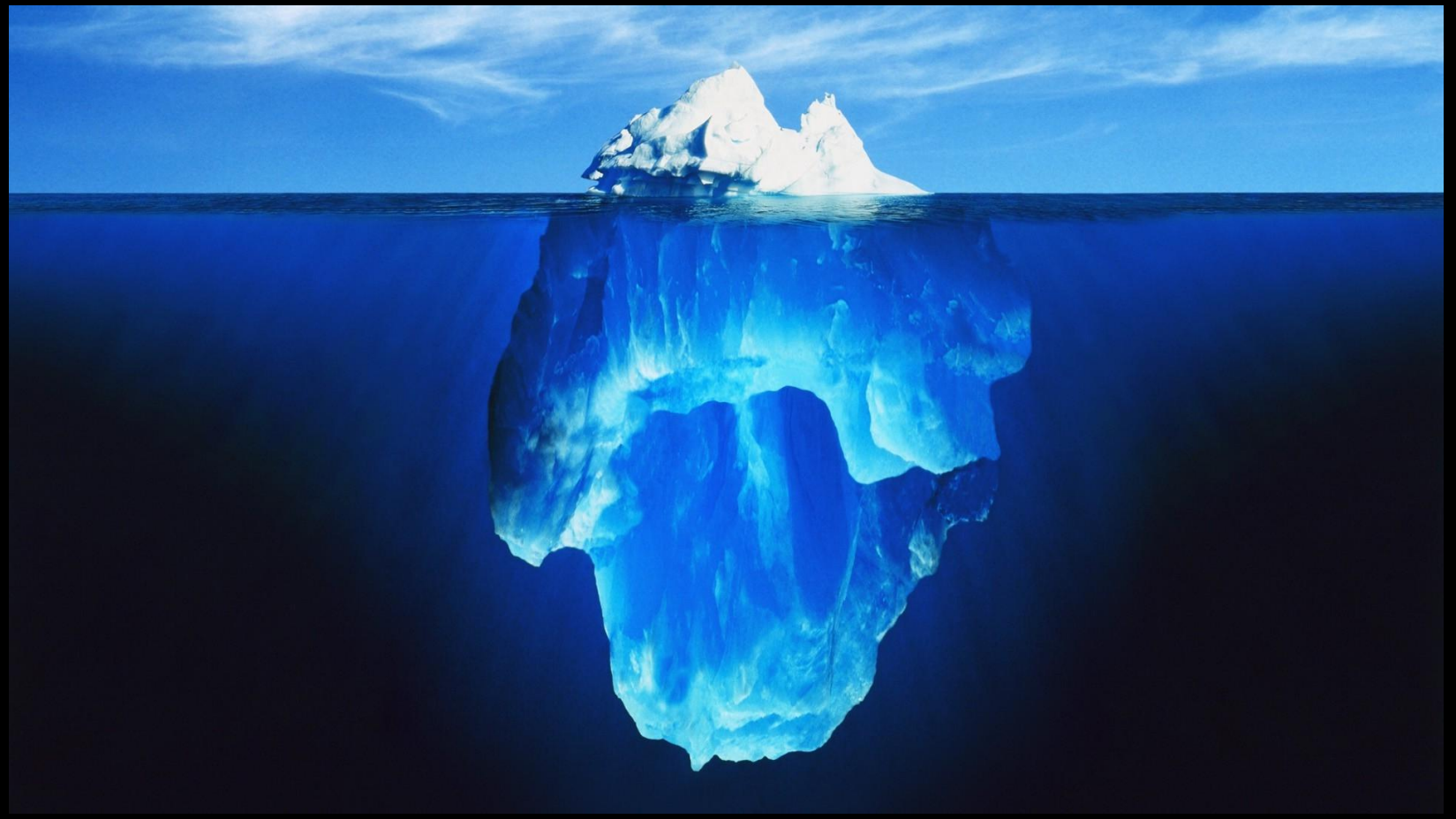
POLICY

IMPLEMENTATION




TECHNOLOGY

PICK A PARTNER, NOT A PRODUCT



CRITICAL QUESTIONS FOR TECH PURCHASES

- Size and standing of the company? Large scale deployments?
- How many software and hardware engineers? Visit facility?
- Quality of hardware? (Battery life, Frame Rate, Field of View)
- Quality of software? (Redaction, Retention, Ease of Use)
- Integrated technologies? (Signal, RMS, Devices, Apps)
- Security? (Encryption? Chain of Custody? Tamper Proof?)
- Post-sale support?
- Product roadmap?

USER EXPERIENCE

```
ACCOUNTS          DETAILS OF ACCOUNT NUMBER 10037

SURNAME      : RANGER              (18 CHRS) TITLE      :      (4 CHRS OPTIONAL)
FIRST NAME   : TEX                 (12 CHRS) MIDDLE INIT: A    (1 CHR  OPTIONAL)
TELEPHONE    : 4567890123          (10 DIGS)
ADDRESS LINE1: 1000 BALLPARK WAY         (24 CHRS)
        LINE2: ARLINGTON, TX             (24 CHRS)
        LINE3: 76011                     (24 CHRS OPTIONAL)

CARDS ISSUED : 1          (1 TO 9)           CARD CODE  : I    (1 CHR)
DATE ISSUED  : 07 07 07   (MM DD YY)         REASON CODE: S    (N,L,S,R)
APPROVED BY  : REH        (3 CHRS)

UPTO 4 OTHERS WHO MAY CHARGE (EACH 32 CHRS OPTIONAL)
    01: BIG TEX                          02:
    03:                                  04:
SPECIAL CODE1:    CODE2:    CODE3:    (EACH 1 CHR OPTIONAL)
NO HISTORY AVAILABLE AT THIS TIME       CHARGE LIMIT  1000.00       STATUS N


NOTE:- DETAILS IN BRACKETS SHOW MAXIMUM NO. CHARACTERS ALLOWED AND IF OPTIONAL

PRESS "CLEAR" OR "ENTER" TO RETURN TO THE MENU WHEN FINISHED
MA*    a                                                          03/017
```

VS



Bureaucracy Driven Procurement



User Driven Procurement

1. Field Test

- Full Operational Solution
- Testing All User Roles
- Customer Support
- Vendor Responsiveness

2. Site Visits / Meet Teams

POLICY



POLICY CONSIDERATIONS

- Who wears cameras?
- When to record?
- When to shut off?
- Who has access?
- Retention and Redaction
- Etc., etc., etc.

Policy: You Need A Good One

- Sample policies from other agencies
- Model polices from DOJ, ACLU, Greenwood & Streicher
- Understand state laws
  - Two party consent and privacy
  - Public records and retention
- Include prosecutor / DA as an equal stakeholder
- Enlist input from your community
- Be proactively involved in legislation



When To View Video?

Hot Button Issue: Watching Video

- Theory 1: Before Drafting Report
- Theory 2: After Report is Completed
- Theory 3: After Initial Draft but Before Finalized



IMPLEMENTATION

Are Your Officers Trained And Ready?


U.S. DISTRICT COURT
APR 23 2014 11:39:22


AM10:02
JUN 28 1995
WWW.MAKAVELI.COM

IMPLEMENTATION CONSIDERATIONS

- Training, training, training
  - Use in the Field
  - Admissibility in Court
    - FRE 901, Authentication and Identification
      - Must establish that the video is what you say it is (who, what, when, where) *and*
      - Video is reliable
- Knowledge of limitations (FOV, Perspective, Sound)
- Basic understanding of the technology

Walk The Court Through The Process

- How video was captured:
  - On/off and record features
  - Buffer period
  - Video settings
- How it was uploaded:
  - Docking station
  - Offload to local or cloud
  - Where stored
- How it was retrieved:
  - Account and credentials
  - Limitations of access
  - How was it downloaded?

TASER Technical Services
Scottsdale, AZ, US

Document generated: 20 Jun 2017 - 16:48:04 -05:00 by Chiles, Bryan(000515-TS)

AXON

EVIDENCE AUDIT TRAIL

Evidence		Source	
Evidence ID		Device Type	Axon Flex 2
Categories		Device Name	x83000174
Title	Body Cam 07 Feb 2017	Serial Number	X83000174
		Other	Taser_Axon_Flex_2
CheckSum	Sha2-7e009320a929656f59f451236ab73d06880261eb0b28c7a184d36fbb7a4ef2f2		
Record Start	07Feb 2017 20:12:41		
Record End	07 Feb 2017 23:03:27		
Uploaded	08 Feb 2017 15:52:44	Usage	
Uploader	Chiles, Bryan (Badge ID: 000515-TS)		
Unique ID	FFA8726EBEC147B4B16DC86EA30ADA5B	Page views	4
		File downloads	2
		Video playbacks	1
		Last Viewed Or Downloaded On	20 Jun 2017

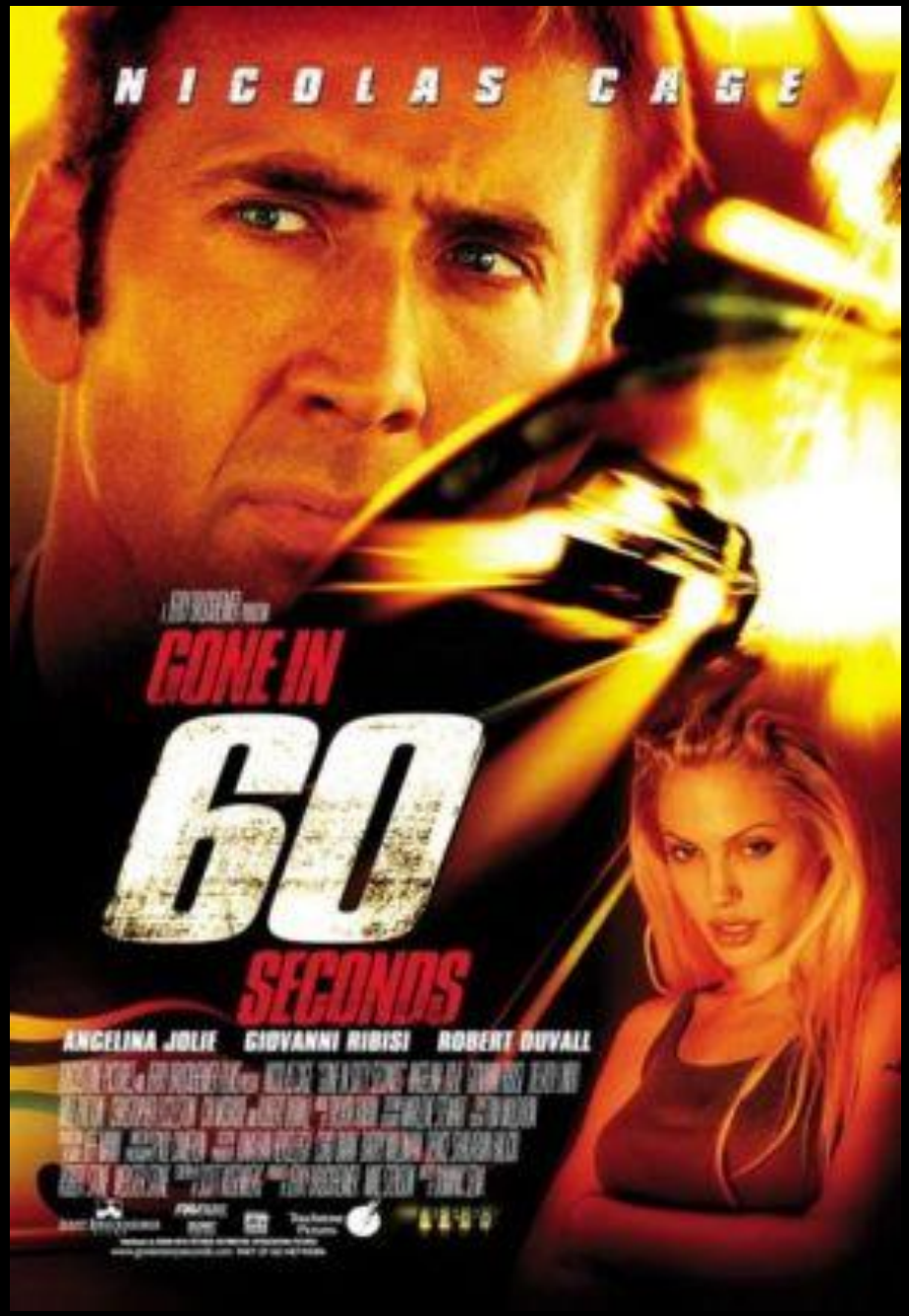
#	Date	Time	User	Activity
1	07 Feb 2017	20:12:41 (-05:00)	System	Recording started due to event button press
2	07 Feb 2017	20:13:14 (-05:00)	System	GPS added to video metadata using Axon application
3	07 Feb 2017	23:03:27 (-05:00)	System	Recording stopped due to event button hold
4	07 Feb 2017	23:07:11 (-05:00)	System	Marker added to evidence at time 0h:7m:41s due to function button press
5	07 Feb 2017	23:11:58 (-05:00)	System	Recording stopped due to camera power down
6	08 Feb 2017	15:31:08 (-05:00)	System	Evidence accessed using Axon application
7	08 Feb 2017	15:47:00 (-05:00)	System	Evidence title updated from default to 'Body Cam 07 Feb 2017' and added to video metadata
8	08 Feb 2017	15:47:00 (-05:00)	System	External ID 'TEST' added to video metadata using Axon application
9	08 Feb 2017	15:52:44 (-05:00)	System	Evidence successfully uploaded using Axon application
10	08 Feb 2017	16:30:04 (-05:00)	System	Evidence automatically deleted from camera after successful upload using Axon application
11	08Feb 2017	16:30:05 (-05:00)	System	Evidence Record Created
12	08 Feb 2017	16:30:05 (-05:00)	System	Evidence Record Accessed.
13	08 Feb 2017	16:33:28 (-05:00)	Chiles, Bryan (Badge ID: 000515-TS) Username: bchiests1 User ID: 87d6d80dea84eda978d68533 1b1d97c	Evidence Record Downloaded: FILE 28D13D19874849E581FD641E317D24@D71 4285CCA0A446188E0AD7848607AED

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SNEAK PEEK INTO THE FUTURE OF LE TECHNOLOGY


JOB ONE
JOB TWO


NICOLAS CAGE
GONE IN
60
SECONDS
ANGELINA JOLIE
GIOVANNI RIBISI
ROBERT DUVALL


INSURICARE



PAPERWORK & BUREAUCRACY

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Isaiah@axon.com


AXON