

IN-CAR & BODY WORN

Video Technology | July 2, 2020

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Today's Agenda

Overview

1. Video Technology (Car & Body Worn)

- Overview
 - Benefits
 - History
 - Strategic Analysis
-

2. In-Car Technology Decision

- Key Considerations
 - Future Potential
-

3. Questions

Video Technology Overview



The Edmonton Police Service is committed to advancing the strategic goal of encouraging innovation to build community safety. Video technology, a widely used law enforcement tool, is effective at gathering footage in real-time scenarios.



In-Car Technology

What is it?

A car-mounted camera that is run by a vehicles' battery.

What does it do?

It captures wide-angle video and in cabin video from a police vehicle.



Body Worn Technology

A chest-mounted camera that is run by rechargeable batteries.

It captures near-vision video from an officers view.

Video Technology Benefits

Video footage is an important component of law enforcement for the Edmonton Police Service. Security cameras in buildings, door-bell cameras, cell phone cameras of citizens are used today. Video provides several potential benefits:



Organizational Benefits



Supports Increased Transparency



Improved Agency Accountability



Information for Decision-Making and Analysis



Reduced Costs Due to Reduced Time in Court



Police Officer Benefits



Enhanced Officer Safety & Performance



Enhanced In-Service Training



Advanced Case Resolution by Using Video as Evidence

Video Technology History

The Edmonton Police Service has a long-standing history of investigating the effectiveness of new technologies. We are currently investing in foundational work processes and systems that support growth in video footage.



In-Car Technology

Pilot Program

In 2014, a formal proposal was made to run a pilot project with 10 in-car video cameras.

Result: *The request was unsupported due to lack of available funding.*



Body Worn Technology

Pilot Program

From 2011-2014, a formal pilot program was conducted with body worn cameras to test the technology in Edmonton.

Result: *While the technology has potential, it faced various issues:*

- Data management issues
- High financial investment
- Security and legal concerns
- No reduction in the use of force in incidents
- No impact on complaints

Video Technology Strategic Analysis

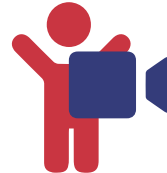
There are a few key differences between in-car and body worn technology:

LEGEND

- +** PRO
- CON



In-Car Technology



Body Worn Technology

Well Established
Used by 75% of Alberta police agencies. **+**

Value of Evidence
Used for traffic, criminal pursuit investigations. **+**

Indoor Footage
Indoor locations can be captured. **+**

Battery Operated
Officers need to replace batteries often. **-**

Live Streamed
Transmitted remotely to authorized viewers **+**

Record While Driving
Passengers can be recorded in motion. **+**

Positive Public View
General public is positive about cameras. **+**

Single-Angle Lens
Less detailed content due to close-up footage. **-**

More Automated
Fewer manual actions required. **+**

Outdoor Footage
Only outdoor locations can be captured. **-**

Legislation/Policy
Legislation is unclear on body worn cameras. **-**

Field of View Issues
Does not capture officer activity. Can be blocked. **-**

Both technologies require significant investment and large amounts of data storage



The Edmonton Police Service has recommended to **implement in-car video first.**

In-Car Technology Decision

Key Considerations



The Edmonton Police Service has chosen to implement in-car video because our research has indicated it is the best video tool for our organization **at this time**.



Cost

- **Scale of investment** is easier to manage (400 cars vs. 1,000 officers).



Officer Use

- It is **easier for an officer to use** in-car cameras (less administrative time required).



Recording Ability

- The footage is **easily recorded** and filed.
- It is harder to block the footage.



Video Quality

- The **footage includes more detail** about the entire picture at a scene.



Cameras are only a part of the cost. Consider the technology & effort needed to review/store mass amounts of video.

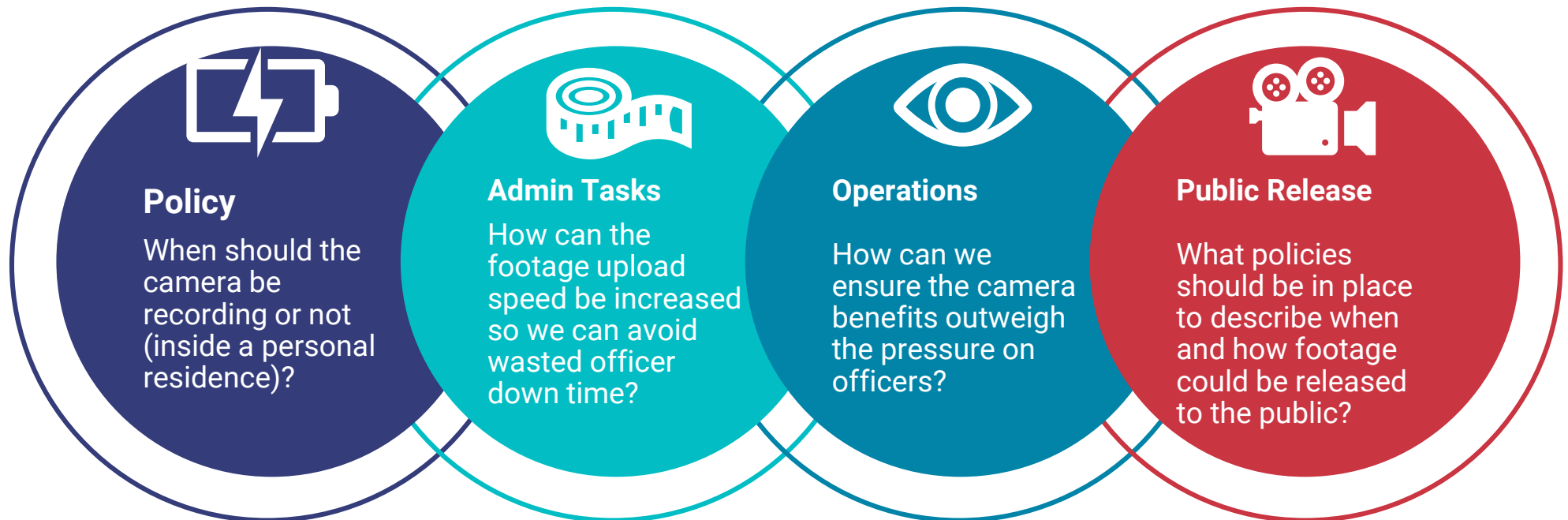


The cameras will be installed in a staged approach over the course of a two-year period.

Future Potential Overview



In the future, the Edmonton Police Service **could revisit complementing in-car video with body worn technology**. A few key questions about officers using body worn cameras would need to be investigated:



? Questions?

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