

EDMONTON
POLICE
SERVICE



EPS INNOVATION VEHICLE UPDATE

November 2023



Our Work

The Information Technology Division in partnership with the Facilities & Fleet Management Branch worked on an **'Innovation Vehicle Project'** to improve the interior of the patrol car – based on *member feedback*.

Project Overview

MXU + FACILITIES & FLEET MANAGEMENT BRANCH

Members tested three prototype vehicles – C101, C102 & C680.

Project Goals



Improve Safety – Make all interior redesign decisions with member safety top of mind.



Realize Ergonomic Enhancements – Optimize the space within the vehicle and add features to improve the working environment for members.



Boost Member Productivity – Add, remove and/or modify the hardware/equipment in the vehicle to improve the output of key in-car policing activities.



Create Process Efficiencies – Reduce process workarounds within the vehicle to optimize key in-car policing activities.

Our Focus

We were **member-driven**
– *no pun intended!*

NEW STUFF

WORKSPACE

STEERING WHEEL BUTTONS
FOR LIGHTS/SIRENS



ADJUSTABLE CUP
HOLDERS



PHONE CHARGER FOR THE
DRIVER



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NEW STUFF

SAFETY

RECONFIGURED
REAR SEATBELTS
(LEFT-TO-RIGHT
ORIENTATION)

NEW DURABLE
PLASTIC
REAR SEATS



NEW &
IMPROVED
CENTRE
CONSOLE

- PRINTER
- MAGNET
RADIO MOUNT
- DOUBLE
CARBINE
RACK

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NEW STUFF

MWS

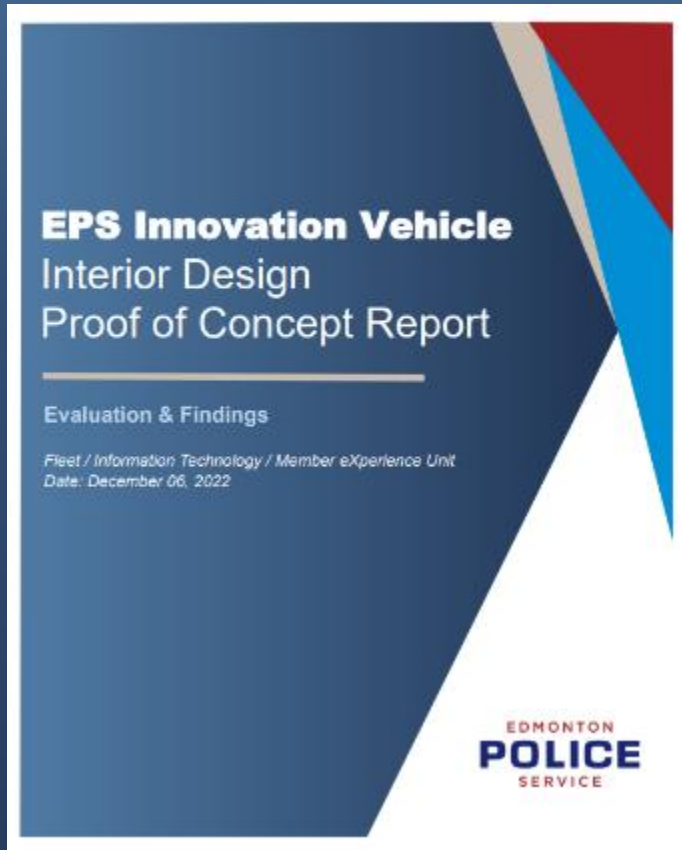
NEW MULTI-ARTICULATED
KEYBOARD MOUNT



NEW MULTI-ARTICULATED
COMPUTER MOUNT



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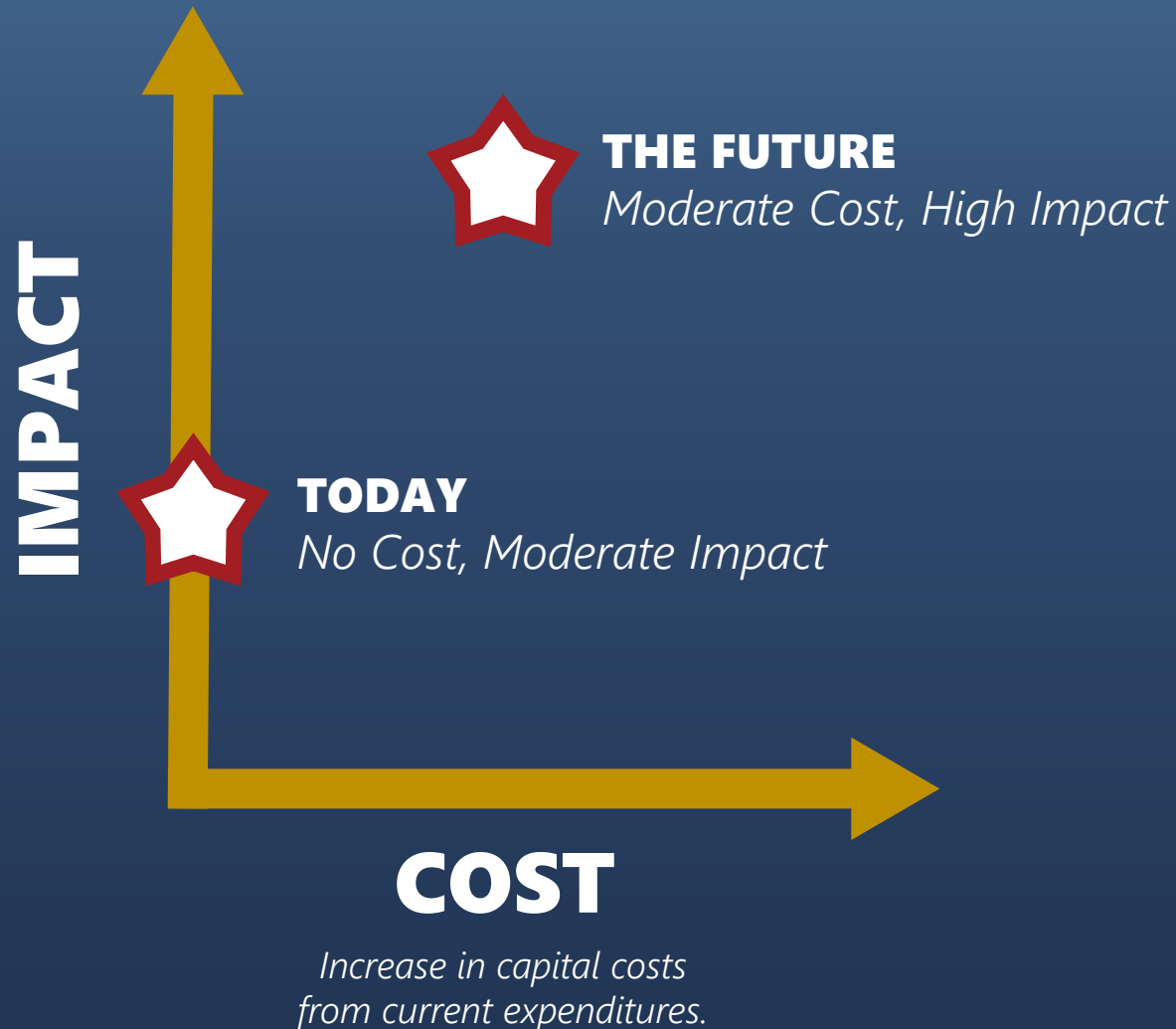


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Sworn members were noticeably excited to participate.

Their feedback highlighted their appreciation for the project team in actively listening and **making iterative changes** as a result.

Capital Expenditures



- A **zero-cost strategy** realized improvements due to teams' ability to work creatively to find no additional cost solutions.
- New elements were purchased but they were either less than current expenditures or a labor saving on install. An **overall zero balance** was realized to offset any new equipment.

The Future

What does the future
patrol car look like?

Reimagine Hardware

How might we upgrade the technology in the car to improve member safety/functionality? (Can we evolve to create efficiencies while also saving money?)

◀ In-Car Video

How can we integrate a future solution with our current set up instead of adding complexity to the car?

◀ Enhanced Network Capability

What can help to fix systemic connectivity issues and enhance our ability to pivot to 5G?

◀ Electric Vehicles

How can we leverage electric vehicle solutions for EPS?

◀ Equipment Storage

How can we provide members with effective equipment storage and add more tool options?

◀ Interior Consoles

How might we leverage an upper console to offset space requirements for new technologies and administrative needs?

◀ In-Market Vehicle Features

How can we provide vehicle features already available in the marketplace to members (keyless entry, perimeter detection, etc.)?

Questions