

# VILLAGE OF LOMBARD POLICE DEPARTMENT



**Roy Newton**  
Chief of Police

**Thomas Wirsing**  
Deputy Chief of Operations

**Joseph Grage**  
Deputy Chief of Administration

**Date:** October 26<sup>th</sup>, 2020  
**To:** Public Safety and Transportation Committee (PSTC)  
**From:** Deputy Chief Joseph Grage #754  
**Re:** Request for Recommendation to Board of Trustees  
Professional Services Agreement with Axon, Inc. for Patrol Car Cameras  
and Body Worn Cameras for the Police Department

As the PSTC may be aware, the police department does not currently utilize patrol car nor body worn cameras in its operations. There are a number of reasons for this historically. These reasons have included large purchase costs, large maintenance costs, and concerns with their reliability. For example, the last quote that was obtained several years ago for a patrol car only camera system was approximately \$375,000. This was exclusive of hardware or recurring software maintenance costs, which made the overall cost much higher.

Recent events involving police use of force incidents along with large improvements in technology have led the police department to again evaluate the use of video technology. Additionally, there have been several inquiries from police officers who want this technology in order to protect themselves against false complaints.

Three decisions were made as the police department began the evaluation process:

1. The police department decided to pursue service-based pricing in lieu of a large purchase. Service-based pricing for video and other technologies in the law enforcement industry has become more popular as of late for several reasons. Among them are:

# VILLAGE OF LOMBARD POLICE DEPARTMENT



**Roy Newton**  
Chief of Police

**Thomas Wirsing**  
Deputy Chief of Operations

**Joseph Grage**  
Deputy Chief of Administration

- Annual cost spread out over several years.
  - Service-pricing is all inclusive and eliminates the likelihood of unexpected software or hardware costs.
  - All hardware is warrantied during the term with no costs for routine repair or replacement.
  - Hardware and software upgrades are usually included in service-based pricing.
2. The police department also elected to pursue video systems that utilize cloud-based storage of video data for reasons similar to those above. Cloud-based storage would eliminate the need for police department and information technology department staff to purchase, maintain, and repair critical infrastructure related to the retention of data on a local server. This would save money as well as hours of labor.

In order to provide the best evidence possible, the police department also elected to pursue both patrol car cameras as well as body worn cameras. One reason for this is that while body worn cameras are good for incidents that happen away from patrol cars, they are not good when it comes to documenting circumstances involving driving such as impaired drivers and traffic crashes. Body worn camera systems also do not capture video of prisoners during transport while patrol car cameras do.

Beginning in July, the police department sent out requests for quotes to several vendors for video systems as specified above. Three responses were received and the police department received two in person demonstrations.

# VILLAGE OF LOMBARD POLICE DEPARTMENT



**Roy Newton**  
Chief of Police

**Thomas Wirsing**  
Deputy Chief of Operations

**Joseph Grage**  
Deputy Chief of Administration

One of the vendors was Axon, Inc. Axon is currently the sole source provider for the police department's Taser devices. Based on the quotes and demonstrations, the police department elected to take an advantage of a 30-day free trial of six body camera devices. Six officers are now wearing the cameras during their daily duties and have provided significant positive feedback on the devices. Additionally, the records staff whose duty it is to retain and redact video evidence has also provided positive feedback on the cloud-based storage system.

The police department learned in late 2019 that the Taser devices it deploys would reach end of life status with Axon and would no longer be supported for parts or repairs. These devices are about fourteen years old at this point and had an original service life expectancy of five years. As part of the quoting process, Axon offered discounts for bundled patrol car, body worn camera, and Taser services. Axon represented a savings of approximately \$135,000.00 over five years for bundling these services.

The police department recently took advantage of the Taser service-based pricing discount. The was done in order to update this crucial piece of equipment as soon as possible in light of its upcoming obsolescence and to avoid Taser equipment failures such as the one that occurred during the recent police involved shooting in Kenosha, Wisconsin.

The police department is currently working with Axon to obtain final quotes on hardware and software options, but the total anticipated annual for five years is expected to be approximately \$92,000. This is inclusive of all hardware, software, maintenance, and warranties. While expensive, the use of video poses significant potential cost savings in the area of litigation and the investigation of future complaints against officers.

# VILLAGE OF LOMBARD POLICE DEPARTMENT



**Roy Newton**  
Chief of Police

**Thomas Wirsing**  
Deputy Chief of Operations

**Joseph Grage**  
Deputy Chief of Administration

The police department does intend on seeking a waiver of bids on the project due to sole source and proprietary technology offered by Axon. One example of this is the fact that turning a Taser device on will actually activate a body worn camera to ensure the incident is video recorded. In addition to this, Axon's Evidence.Com cloud platform also allows for easy management of digital evidence and eliminates the current cost of saving this type of evidence to physical media (DVD's, Blue-Rays, etc.). The police department is also investigating a third option that would convert the interview rooms at the police department to Axon's platform as well, which would help save additional labor and media costs.

The police department is ready to move forward with entering a service agreement with Axon to utilize their video technology services. We are seeking a recommendation from the PSTC to the Board of Trustees to do so.



## SEE THE TRUTH AT ANY MOMENT

### **LAW ENFORCEMENT'S #1 CAMERA, NOW WITH REAL-TIME TECHNOLOGY**

CLEARER EVIDENCE | REAL-TIME AWARENESS | AI-POWERED WORKFLOWS

Axon Body 3 isn't just a camera: it's a rugged communications beacon front-and-center on every call. Featuring our new Axon Aware technology and an LTE connection that enables real-time features like live streaming, Body 3 empowers officers with more support in the moment. Coupled with enhanced low-light performance and reduced motion blur, that means clearer evidence in the now, more efficient AI-powered processes after the fact, and most importantly, safer communities in the long run.

## FEATURES AND BENEFITS

**IMPROVED VIDEO QUALITY:** With video evidence, image quality is everything. Axon Body 3's reduced motion blur and improved low-light performance enable you to better see the truth at any moment.

**MULTI-MIC AUDIO:** Featuring multiple microphones, wind noise reduction and other advancements, Axon Body 3 lets you play back crystal-clear audio for a better sense of what happened at the scene.

**HANDSFREE ACTIVATION & ALERTS:** Axon Body 3 can send real-time alerts, like when a weapon is deployed, allowing your agency to act fast during critical situations.

**LIVE STREAMING\*:** Axon Body 3 can stream audio and video to Axon Evidence (Evidence.com), so officers and command staff can pull up a real-time view and act with greater awareness.

**LIVE MAPS\*:** See officers' locations when recording within Axon Evidence with GPS.

**ON-DEVICE ENCRYPTION:** Axon Body 3 features disk encryption.

**FULL-SHIFT BATTERY:** Axon Body 3 will last for 12 hours, so you can depend on it for your entire shift. You can even recharge it while the camera is on.

**PRE-EVENT BUFFER:** To help ensure key moments aren't missed, Axon Body 3 supports up to a two minute pre-event buffer with configurable audio.

**SLEEK & RUGGED DESIGN:** The camera hardware strikes the perfect balance between a clean and super-strong design that can survive even the harshest conditions.

**EXPANDING CAPABILITIES\*:** In the future, take advantage of new features like live evidence preview, "Find My Camera," seamless post-event transcription & reporting, priority offload, and more.

## WHAT IS AXON AWARE TECHNOLOGY?

Picture this: An officer is in a foot chase away from her vehicle, alone. She's heading into unfamiliar terrain fast. The suspect has drawn a weapon. It's life or death.

Thankfully, command staff back at HQ are with her every step of the way. With her camera already recording, they can pull up her live-stream from a precise map and send backup to her exact location. Together they apprehend the suspect, and everyone is unharmed. That's Axon Aware. With a combination of sensors, embedded GPS and an LTE connection, Aware brings new possibilities to keep officers safe.

## SPECIFICATIONS

**VIDEO RESOLUTION:** 1080, 720H, 720L, 480

**VIDEO FORMAT:** MPEG-4

**BATTERY LIFE:** 12 hours

**STORAGE:** 64 GB

**PRE-EVENT BUFFER:** Configurable up to 120 seconds

**IP RATING:** IP67

**US MILITARY STANDARD:** MIL-STD-810G

**DROP TEST:** 6 feet

**OPERATING TEMPERATURE:** -20 C to 50 C

**DISK ENCRYPTION:** AES-XTS 128-bit

\*Requires Axon Aware purchase and activation  
LTE is a registered trademark of Institut Européen des Normes; de Télécommunication.

▲, ▲ AXON, Axon, Axon Body 3, and Evidence.com are trademarks of Axon Enterprise, Inc., some of which are registered in the US and other countries. For more information, visit [www.axon.com/legal](http://www.axon.com/legal). All rights reserved. © 2019 Axon Enterprise, Inc.

