Fusus Impact Report 2022

Dayton Police Department
Kamran Afzal
Director and Chief of Police

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TO THE CITY COMMISSION AND COMMUNITY

General Description

As required by RCGO 34.11, this Impact Report is being submitted for the Police Department to pursue the use of the Fusus Real-Time Crime Center in the Cloud technology. Fusus extracts and unifies live video, data, and sensor feeds from virtually any source, enhancing the situational awareness and investigative capabilities of law enforcement officers and other first responders enroute and on scene during critical incidents. Fusus can extract a live video feed and send it to an emergency operations center and officers in the field. Fusus creates a public safety ecosystem that combines video with other utilities like CAD data, gunfire detectors, real-time officer geolocator feeds, a registry map of all the public and private cameras in the region, a multi-media tips line for the public, and a digital evidence vault for investigators. Fusus is an entirely voluntary program that enables Law Enforcement and Public Safety agencies to operate more efficiently, with improved operational intelligence, and with a proactive emphasis on officer, citizen, and community safety.

Camera Registry

Camera Registry and sharing is designed to create stronger public-private collaborations with public safety entities to keep the community safe. The Fusus system has been created to increase community security while maintaining personal privacy. The Camera Registry is a way for the Police Department to easily locate the nearest cameras in the vicinity during the course of an investigation that impacts public safety. In the past, when criminal activity occurred, investigators had to search on foot to identify private cameras in an area, and then make multiple trips to retrieve recorded footage from the camera owners, such as stores, gas stations, etc. The camera registry enables camera owners to register their camera locations quickly and easily online, creating a map of camera locations for the police. Registering a camera only gives law enforcement information on the location of a camera and does not give access to those cameras. Detectives and officers can easily pull up all registered cameras in a specified area and send a single email to all registered camera owners in that area, asking if they would review their video and be willing to share any footage they have of an incident. Only law enforcement users have access to the camera registry and those who participate can unsubscribe, change, or delete their information at any time.

Video Streaming

In addition to the Camera Registry, Fusus offers Video Streaming services and provides conditional video access to both real-time video streaming as well as video recordings. Conditional camera access means the camera owners have the ability to choose how and when their cameras are accessible to authorized law enforcement. For example, the Police Department may choose to have access to street, public building, and transit cameras streaming live 24/7. However, private businesses may choose to only have their cameras accessible to the Police Department when an emergency situation arises, and they activate the live streaming capability via a panic button. Private businesses may also choose to have their cameras stream live or only permit access when they approve an access request. Cameras cannot be accessed without the owner's knowledge, and the Police Department cannot override access settings to remotely access cameras at any time. Fusus utilizes artificial intelligence to rapidly search video provided by participants. Fusus does not employ facial recognition and does not integrate with any facial recognition systems.

Educational Institutions

Fusus allows law enforcement to collaborate with the community to create safer environments for students, teachers, and staff. Fusus can be deployed to help protect students of all ages, from K-12 schools, all the way up to colleges and major universities. Whether it's a fight, a fire, or an active shooter situation, Fusus live video streaming capabilities and panic buttons enable a fast, efficient, and appropriate emergency response to the situation.

Houses of Worship and Residential Communities

Houses of worship are a sanctuary where people go to feel safe. Unfortunately, they can also be soft targets for extremists and other troubled individuals. Fusus enables churches, synagogues, mosques, temples, and other places of worship to increase their security, and easily call for help in case of an incident. Fusus enables residential community members and security guards to more easily call for help in case of a critical incident and share camera locations and feeds to enhance response times and speed up investigations.

Venues & Events

Participating retail stores, office buildings, shopping malls, gas stations, or parking facilities, allow Fusus video networking capabilities to increase the safety of staff and customers alike. Major events and large venues, like stadiums, are a major security challenge. Fusus helps keep these locations and events safe during a critical incident by creating a common operating picture that enables video implementation, as well as capturing police body-worn cameras.

Data Sharing

The fususONE Software is hosted within the AWS GovCloud environment and is CJIS compliant. Fusus uses a combined hardware and software defense-in-depth architecture to protect the confidentiality, integrity, and availability of customer information. The security and performance architecture adapts automatically to changes in technology, internal and external threats to networks and applications, and to client operations. Third party security risk evaluations are performed to assure the effectiveness of Fusus procedures, methodology, equipment, facilities, and personnel.

Only data and evidence gathered from Fusus cameras during a critical incident will be downloaded. Such evidence will subsequently become property of the Dayton Police Department and will only be shared with other local and state law enforcement agencies.

If the department were to share Fusus data or evidence with agencies in the future, it would require approval from the Major over Support Services, or his or her designee. Before the approval is given, a member of the command staff of the requesting agency will be required to sign and return a statement that his or her department agrees not use any data the Dayton Police Department shares with them for the purpose of immigration enforcement or share it with agencies whose primary purpose is to enforce immigration laws. When this approval is given, City Commission will be notified in a memo to the City Manager.

Community Engagement

In December 2022, personnel from the Community Services Division hosted several Community Engagement meetings to educate citizens on the implementation of the Fusus Technology, and to listen to any questions or concerns. Meetings were organized and took place at the Downtown Dayton Partnership on December 15, 2022; Lohrey Center on

December 19, 2022; the Safety Building on December 20, 2022, the Northwest Library on December 20, 2022; and Southeast Library on December 21, 2022.

Citizen Complaints

Since the Fusus system is newer technology, there were few complaints about the system itself, but a rather large number of questions regarding the technological capabilities, permissions, and digital security of the data collected or disseminated during a critical incident. The Fusus system is entirely voluntary, and the individual user can opt in or out of the interface at any time. In addition, Fusus employs hardware and software to digitally secure users' information in a protected cyber environment.

In addition to the technological questions, there were concerns about: whether Fusus ties in with Automatic License Plate Readers (ALPRs), if the Federal government would have access, any ongoing costs, if the system was only being deployed in certain areas, and why the system was being deployed now. Fusus and ALPR technology have different operating systems and hardware that do not communicate with each other, and do not operate under the same vendor. Fusus is spearheaded by the Ohio Attorney General's Office as a collaboration between Local and State first responders and citizens. Currently, the Ohio Attorney General's Office is fully funding the Fusus program. Deployment will only occur in areas that voluntary users participate. Given that condition, any deployment will be dependent on the number of cameras located in a certain area, and how many entities become Fusus users. The Ohio Attorney General's Office Talen Project, which includes Fusus, is part of a pilot program for Montgomery County, and having recognized the ability of the technology to aid law enforcement responding to critical incidents in real time, there is an urgency to implement Fusus technology at the earliest date possible. Given the Dayton Police Department's large footprint in Montgomery County, the Ohio Attorney General's Office has extended their pilot program to the end of June in hopes the Department will implement Fusus technology.

Impact on Crime

With the implementation of Fusus, Police Department personnel, particularly officers and detectives, should expect quick access to video surveillance information that could be vital during an in-progress critical incident and any post-incident investigation. Fusus' website offers testimonials from law enforcement agencies across the country, describing how Fusus data

has assisted them during critical incidents, and in gathering evidence to connect suspects with ongoing criminal activity.

Analysis of Discriminatory or Adverse Impact

Fusus is incident driven, and is not a tool that will be used to monitor certain areas or neighborhoods. The Fusus system does not distinguish, nor record, specific demographic information.

The department understands that any new technology it embraces will be heavily scrutinized. We fully anticipate there will be a vocal minority of the populace who believe the cameras integrated in Fusus will be abused. Our policy on the use of Fusus will be read and signed off on by every member of department, as all polices are. Any and all complaints of misuse will be investigated. Since data from Fusus could tie an investigation to similar complaints or incidents in other jurisdictions, if the Department were to share Fusus information with agencies in the future, it would require approval from the Major over Support Services, or his or her designee. Before the approval is given, a member of the command staff of the requesting agency will be required to sign and return a statement that his or her department agrees not use any data the Dayton Police Department shares with them for the purpose of immigration enforcement or share it with agencies whose primary purpose is to enforce immigration laws. When this approval is given, City Commission will be notified in a memo to the City Manager.

The Department has done its due diligence and found there is a great deal of community support for Fusus. We believe that once neighborhood groups are fully informed of what the technology can do, there will be an overwhelming demand for Fusus, especially in areas with the highest crime rates and locations where there is the threat of an active critical incident (schools, churches, transit hubs, events, large public gatherings, etc.).

Public Monitoring

Fusus has a website that is accessible to the public and contains a through question-and-answer page. The website has information about each individual Fusus program and their capabilities, along with their cyber security measures to secure participants' personal information. For further information on Fusus, visit: https://www.fusus.com/

Internal Audits

Since Fusus is a new technology to the Police Department, an internal audit has yet to be conducted in 2022.

Total Cost

Integration of Fusus technology in law enforcement in Montgomery County has been spearheaded by the Ohio Attorney General's Office and is being fully funded through their agency's Talen Project trial period. At the conclusion of the trial period, Fusus will be reevaluated, and future costs will be analyzed.

Use Policy

The draft Use Policy for Fusus is attached to this report.