G-CLOUD 15

CROWN COMMERCIAL SERVICES

AXON FUSUS - REAL-TIME CRIME CENTRE (RTCC) PLATFORM

RFP Number: RM1557.15

Submitted By: Axon Public Safety UK Limited

ORIGINAL

AXON

TABLE OF CONTENTS

SOLUTION DESCRIPTION

AXON FUSUS

When responding to unfolding incidents, public safety teams need more than just information—they need real-time, shared awareness across personnel, systems, and locations. Axon Fusus is a real-time operations platform that combines edge-connected hardware with a map-based software interface accessible in command centers, on laptops, and in the field. The system unifies disparate camera systems, sensors, and data feeds—such as fixed cameras, CAD systems, license plate readers, and panic alarms—into a single operational view to support faster, more coordinated response. Built to adapt to the realities of public safety, Axon Fusus helps agencies manage live incidents, connect field and command, and engage with communities in critical moments.

At the edge, the Fusus Core acts as a secure, on-premises bridge—connecting to community and agency-owned infrastructure. This small hardware appliance enables integration without requiring costly rip-and-replace upgrades, encrypts video at the source, and stores it locally while enabling secure livestreaming when bandwidth allows. With the Fusus Core in place, public safety agencies can tap into siloed assets and make them operationally visible in real time—without overhauling their existing systems.

Once connected, these assets feed into Fusus One, a map-based interface that displays live video, alerts, and location data in a single pane of glass. Public safety users can view streams from Axon body-worn and in-car cameras, monitor incident alerts, toggle custom map layers, and coordinate response—all from one system. Integrated tools like drawing boundaries, searching for AI-detected objects, and reviewing floor plans help teams act quickly with confidence.

Fusus One is designed to operate securely and seamlessly, with configurable user roles and robust third-party integrations. Whether activating cameras after a gunshot alert or tracking a subject's movement across multiple feeds, users are equipped with the information they need—when they need it.

Beyond command centers, the Fusus Ops mobile app keeps field personnel connected with real-time geolocation, alert sharing, and live updates. Community members can also engage through Axon Fusus tools, such as anonymous SMS tips and panic alerts that activate nearby cameras, creating new channels for public involvement during critical events.

After an incident, evidence is organised and preserved through Fusus Vault, a CJIS-compliant system designed for short-term digital evidence management. When included, integration with Axon Evidence allows users to seamlessly transfer relevant artifacts for long-term storage and casework.

By connecting existing infrastructure, centralising operational oversight, and supporting two-way engagement, Axon Fusus gives public safety teams a broader, clearer, and more responsive picture—helping them protect what matters most.

FEATURES AND BENEFITS

SECURE EDGE DEVICE	Fusus Core encrypts video at the source using AES 256-bit encryption and supports store-and-forward functionality for efficient bandwidth use
INFRASTRUCTURE-FRIENDLY DEPLOYMENT	Connects to existing public and private cameras, LPRs, and IoT devices without requiring hardware overhauls
REAL-TIME VIDEO AND SENSOR INTEGRATION	Streams live camera feeds and IoT alerts, including panic alarms, gunshot detectors, and license plate readers
UNIFIED MAP-BASED VIEW	Fusus One interface provides a unified map-based view that anchors the Axon Fusus experience—displaying video, alerts, CAD data, and device locations in a single, interactive environment
AXON DEVICE INTEGRATION	Displays real-time locations, signal-based alerts, and livestreams from Axon devices—including body-worn cameras, in-car camera systems, and DFR solutions
ROLE-BASED INTERFACE CONFIGURATION	Tailors access and display settings based on operational roles to support user-specific workflows
AI-ENABLED DETECTION OPTIONS	Supports optional AI features for detecting and tracking objects like vehicles and individuals while respecting privacy controls
MOBILE CONNECTIVITY	Fusus Ops mobile app supports two-way engagement by allowing field personnel to share live locations and alerts with Real-Time Crime Centers (RTCC), while also receiving notifications and viewing nearby camera feeds directly from the field
COMMUNITY ENGAGEMENT TOOLS	Empowers public safety agencies to connect with communities in real time through secure, multi-channel bidirectional communication—integrating live video from mobile phones, geo-targeted alerts, and evidence requests to build trust and strengthen situational awareness.
IMMUTABLE CJIS-COMPLIANT EVIDENCE MANAGEMENT	Fusus Vault organises and stores video and data with searchable metadata and audit trails. It supports secure, logged transfers of selected evidence files to Axon Evidence.
INTEGRATION-READY PLATFORM	Supports CAD, AVL, and sensor integrations to help unify third-party systems into a consolidated operating picture

AXON FUSUS BY PILLAR

The following sections break down the core pillars of Axon Fusus, showing how the platform helps connect infrastructure, engage communities, manage real-time operations, and strengthen collaboration across the various layers of public safety.

CONNECTING VIDEO AT THE EDGE	Axon Fusus helps agencies turn existing infrastructure into a unified source of real-time awareness. Cameras, traffic systems, alarms, and sensors—whether public or private—can all be securely connected through the Fusus Core and brought into a single operational view. The Fusus Core installs directly into existing networks, supporting cost-effective deployment without requiring full hardware replacement. Once in place, it automatically detects connected assets, captures and encrypts video at the source, and enables live or on-demand streaming. Store-and-forward functionality helps manage bandwidth while preserving access to important footage when connectivity is limited. As additional cameras and data points come online, visibility can expand across city blocks, neighborhoods, and jurisdictions. From the moment devices are connected, Axon Fusus begins building a shared operational picture that helps unify teams, strengthen decision-making, and support faster, more informed response.
ENGAGING WITH THE COMMUNITY IN REAL TIME	Axon Fusus equips agencies with integrated tools to connect directly with the communities they serve; all from a single, unified interface. Fusus Notify enables agencies to send urgent, geo-targeted alerts; Fusus Tips allows the public to share anonymous tips, media, and leads; the Fusus Registry streamlines requests for video and information; and the Citizen app integration expands visibility into community-reported incidents and streams Citizen user videos directly into Fusus. Together, these tools create a seamless two-way connection. Agencies can push out critical updates while receiving timely, actionable information from the public. By consolidating outreach, engagement, and evidence workflows into one platform, Fusus strengthens transparency, accelerates response, and builds safer, more connected communities.

MANAGING REAL-TIME OPERATIONS	As incidents unfold, Axon Fusus equips public safety users with the tools to understand events as they happen and coordinate a fast, informed response. Inside Fusus One—a secure, map-based interface—teams access a live view of connected video streams, alerts, officer locations, and system activity across their operational area. Users can monitor community-connected cameras, receive alerts from IoT devices like panic alarms or license plate readers, and view drone detection notifications from Dedrone by Axon. Detections appear as markers on the map with associated metadata, helping responders assess potential aerial threats in real time. Interactive tools within the platform allow users to draw geofences, trigger asset groups, and search across recorded video—all from a single screen. Each user's view is configurable based on their role. Dispatchers, supervisors, and investigators can tailor the interface to match their responsibilities—whether they're overseeing a single site or managing a coordinated response across jurisdictions. By consolidating critical information into one platform, Fusus One helps public safety teams move faster, collaborate more effectively, and respond with greater situational clarity.
BUILDING A PUBLIC-PRIVATE PARTNERSHIP	Axon Fusus supports stronger collaboration between public safety teams and the communities they serve by offering a secure, straightforward way to share assets—without requiring new infrastructure investments. Through a centralised website, community members can register their existing cameras or connect new devices using a Fusus Core, helping create a more complete view of assets across the area. Each connected stream or data point expands the operational picture, allowing public safety teams to access additional video sources from schools, businesses, and local organisations. This integration leverages existing infrastructure, helping reduce the need for new hardware while extending visibility where it matters most. Community-contributed cameras can also be shared with other Fusus-connected agencies when permitted, supporting interagency collaboration and broadening situational awareness. By enabling transparent asset sharing, Axon Fusus helps public safety teams and community partners work together to support safer, more informed responses—reinforcing the shared responsibility of keeping communities safe.

CONNECTING VIDEO AT THE EDGE

The Fusus Core supports Axon's approach to connecting video at the edge, providing public safety teams with access to critical visual and data intelligence in real time, when and where it is needed. By integrating with both public and private networks, the Fusus Core connects a wide range of cameras and IoT devices, creating a unified platform to support enhanced situational awareness.

Designed to help reduce the need for additional infrastructure, the Fusus Core is a scalable and cost-efficient solution. Whether or not equipped with AI, the Fusus Core can provide real-time access to video feeds from various community sources, helping public safety teams gather insights for more informed responses. When AI capabilities are included, the Fusus Core can enhance its functionality by providing real-time object detection at the edge, offering additional support for decision-making while respecting privacy considerations.

The Fusus Core's secure connectivity, video streaming, and storage capabilities work together to offer public safety teams a connected system for managing video and data assets across their communities.

SOLUTION/FEATURE	DESCRIPTION
FUSUS CORE	A secure hardware appliance that connects cameras and sensors, giving public safety teams real-time access to video feeds from businesses, public spaces, and community networks.
FUSUS CORE W/ AI CAPABILITIES	A secure hardware appliance that connects cameras and sensors, giving public safety teams real-time access to video feeds from businesses, public spaces, and community networks. With built-in AI, it identifies objects like vehicles or people, enhancing situational awareness.

FUSUS CORE

The Fusus Core is a secure edge appliance designed to connect video feeds from a variety of cameras to a map-based interface for real-time operations. Running on a secure Linux OS, the Fusus Core integrates with both public and private networks, offering real-time access to video streams across communities. The device facilitates seamless connectivity, allowing video and data from cameras in public spaces, businesses, and other locations to be routed to a unified platform.

Once installed, the Fusus Core detects and connects cameras on the network, integrating them into the Fusus One platform for centralised management. By enabling store-and-forward access to video—the Fusus Core temporarily stores video data locally before sending it to the platform. This process can help manage network latency and reduce bandwidth consumption, allowing for more efficient video streaming. By balancing real-time video access with data management, the Fusus Core aims to help improve video streaming without overloading the network. Public safety teams can remotely manage which cameras to view and control through an intuitive setup menu.

/ STREAMS AND DATA POINTS

The Fusus Core connects both cameras and Internet of Things (IoT) devices into the Fusus One interface, allowing public safety organisations to access real-time information from a variety of sources.

- **STREAMS (CAMERA FEEDS CONNECTED TO THE CORE)** – A stream refers to a live or recorded video feed transmitted from a camera to the Fusus Core. A single camera may produce multiple streams depending on configuration and resolution settings. These video streams enable public safety officials to monitor incidents in real time and review footage for investigative purposes. Whether sourced from residential, commercial, or public locations, the streams deliver visual context to support operational awareness and response.
- **DATA POINTS** – In addition to video, Fusus One can serve as an integration platform for other IoT devices—referred to as data points—which can include a wide range of smart technologies like panic alarms, gunshot detectors, and License Plate Reader (LPR) endpoints. These devices provide data that enhances the overall situational awareness of public safety teams:
  - Gunshot detectors can alert authorities when gunfire is detected in an area, allowing for a faster response.
  - LPR endpoints can capture and track vehicle information, helping with traffic monitoring or criminal investigations.

By integrating both streams (cameras) and data points (IoT devices), the Fusus Core delivers an expansive, multi-layered intelligence system. This approach allows public safety officials to not only receive visual data from cameras but also critical alerts from IoT devices, enabling them to respond more effectively and with greater insight during emergencies or ongoing investigations.

FUSUS CORE AI CAPABILITIES

The Fusus Core includes advanced AI capabilities that enhance object detection within video feeds, identifying key elements such as vehicles, people, and other relevant objects. This feature is designed to provide public safety teams with valuable insights without tracking individuals or vehicles, helping maintain privacy while delivering critical operational data.

Equipped with a dedicated Graphics Processing Unit (GPU), the Fusus Core enables edge-based detection, allowing video analysis to occur in real-time at the device level. This approach helps limit the need for external servers and complex infrastructure, making it a cost-effective and scalable alternative to traditional AI solutions. By processing video directly at the source, users can unlock real-time detection and event recognition without overburdening the network or requiring additional bandwidth.

FUSUS CORE SECURITY

The Fusus Core supports secure communication by transmitting video and data to the Fusus One platform through an encrypted communication tunnel. Video data is encrypted using AES 256-bit encryption at the source within the Fusus Core. This data remains encrypted at rest until accessed by an authorised and authenticated user. When requested, the video is securely transmitted following FIPS 140-2 standards to help satisfy rigorous security protocols.

ENGAGING WITH THE COMMUNITY IN REAL TIME

Public safety relies not only on the response of authorities but also on the active engagement of the community. The Fusus platform offers a suite of tools that empowers citizens to contribute critical information in real time and enhances communication between public safety teams and the community. These tools help bridge the gap between the public and responders, enabling faster, more informed actions and fostering stronger community collaboration. Each feature is designed to facilitate seamless, secure communication and streamline the process of gathering vital information during emergencies or ongoing situations.

SOLUTION/FEATURE	DESCRIPTION
FUSUS TIPS	An SMS service that allows the public to send pictures, audio, and video directly into the Fusus Vault for secure storage and analysis.
FUSUS ALERT	A mobile app for sending geolocated panic alerts. Nearby cameras activate automatically, giving public safety visibility across camera systems in the moment.
FUSUS NOTIFY	A tool that allows public safety teams to send important text alerts to community members on an opt-in list.
FUSUS CITIZEN APP INTEGRATION	An app that connects Axon Fusus to citizen users, enabling agencies to receive live community video streams and send geofenced, agency-branded alerts to support real-time two-way communication.

FUSUS ALERT

Fusus Alert is a free mobile application that allows community members to send panic alerts—in times of need—directly to Fusus One from their iOS or Android devices. Individuals in distress can quickly initiate an SOS alert, instantly connecting to Fusus One with location alerts directly to the Real Time Crime Centre. This creates a direct link to the RTO center, enabling faster response.

When a panic alert is triggered, nearby cameras can be automatically activated, grouped, and viewed within Fusus One. This allows responders to access live video feeds from the incident location, as well as any surrounding cameras to which Fusus One has been granted access, providing improved situational awareness to aid a coordinated and informed response.

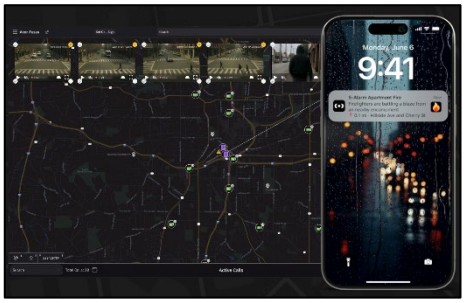
FUSUS NOTIFY

Fusus Notify is a mass notification tool that allows public safety agencies to send text alerts to community members who opt-in to receive updates. By leveraging a simple opt-in system, citizens can stay informed about important developments without needing to download an app.

Once subscribed, community members receive alerts directly to their phones, helping to quickly notify them about critical events. These alerts can include updates on incidents, accidents, Amber Alerts, BOLO alerts, severe weather conditions, road closures, and other safety-related matters.

Fusus Notify enhances public safety by keeping the community informed and engaged during emergencies, helping citizens take appropriate action based on developing information from their local public safety agencies.

FUSUS CITIZEN APP INTEGRATION



The Fusus Citizen App Integration enables public safety users to view live community video streams published to the Citizen platform directly within Fusus One. When available, these videos appear as alerts in the interface and can be opened for real-time viewing or searched by location and time to support situational awareness.

Through Notify Citizen, agencies can send geofenced, agency-branded alerts to Citizen app users, enabling two-way communication during incidents. Verified responses—including user-submitted videos—flow securely into Fusus One, helping improve situational awareness and response.

MANAGING REAL-TIME OPERATIONS

Effective management of real-time operations relies on the seamless integration of various technologies that provide situational awareness, streamline communication, and support informed decision-making. The Fusus platform combines multiple components, allowing public safety teams to monitor, respond to, and analyse incidents in real time. Each feature plays a critical role in delivering a unified system for managing live video, data streams, and real-time alerts from diverse sources—helping to create a more complete and responsive operational environment.

SOLUTION/FEATURE	DESCRIPTION
FUSUS ONE	A central platform that integrates live video from public, private, and community sources into one system. It allows public safety teams to manage incidents in real time and provides access to Axon Fusus tools for full operational oversight. The solution is cloud based, allowing access where needed.
FUSUS AI	AI capabilities that identify objects in video feeds, like cars, people, or other relevant items, helping teams quickly search and locate important details.
FUSUS OPS	A mobile app that connects field responders with RTO centers, providing updates on locations, alerts, and shared information like images or video to keep teams connected during operations.
FUSUS ANALYTICS	A dashboard that displays heat map information to help track trends across the mapping system.
FUSUS REGISTRY	A tool that maps available, registered public and private cameras and maintains a database within Fusus One. It allows investigators to quickly locate and request video footage, speeding up evidence collection and case resolution.

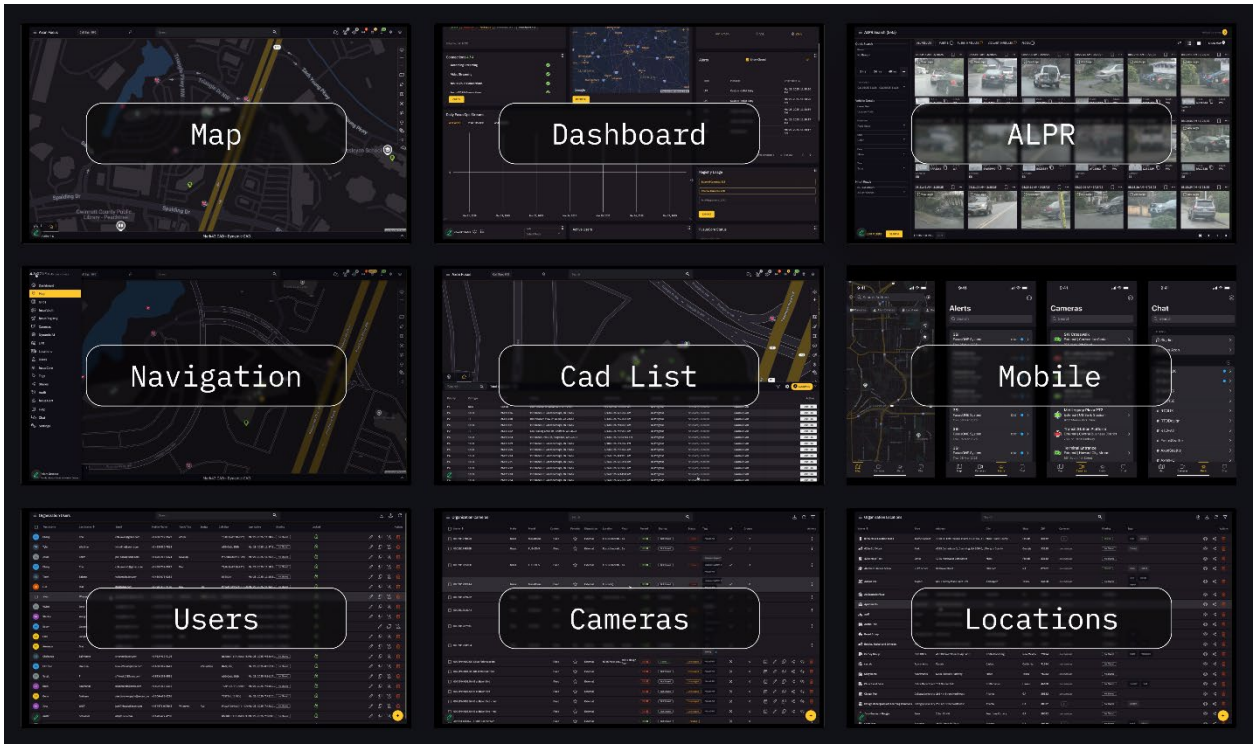
FUSUS VAULT	A CJIS-compliant, short-term digital evidence management system that organises and stores pictures, videos, and data related to an incident.

FUSUS ONE

Fusus One is a comprehensive, map-based interface that integrates public safety technologies into a unified platform. It serves as a single pane of glass, combining private and public video streams, IoT applications, and real-time data to provide a more informed common operating picture. This system enables greater situational awareness, supporting more efficient incident management and response.

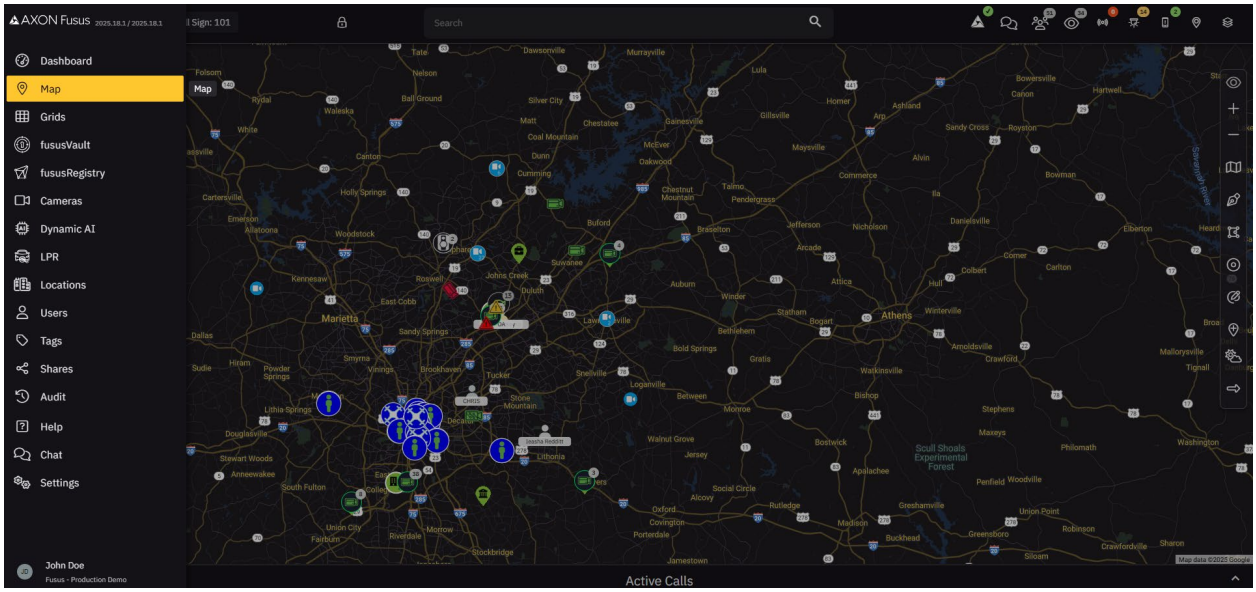
/ USER INTERFACE

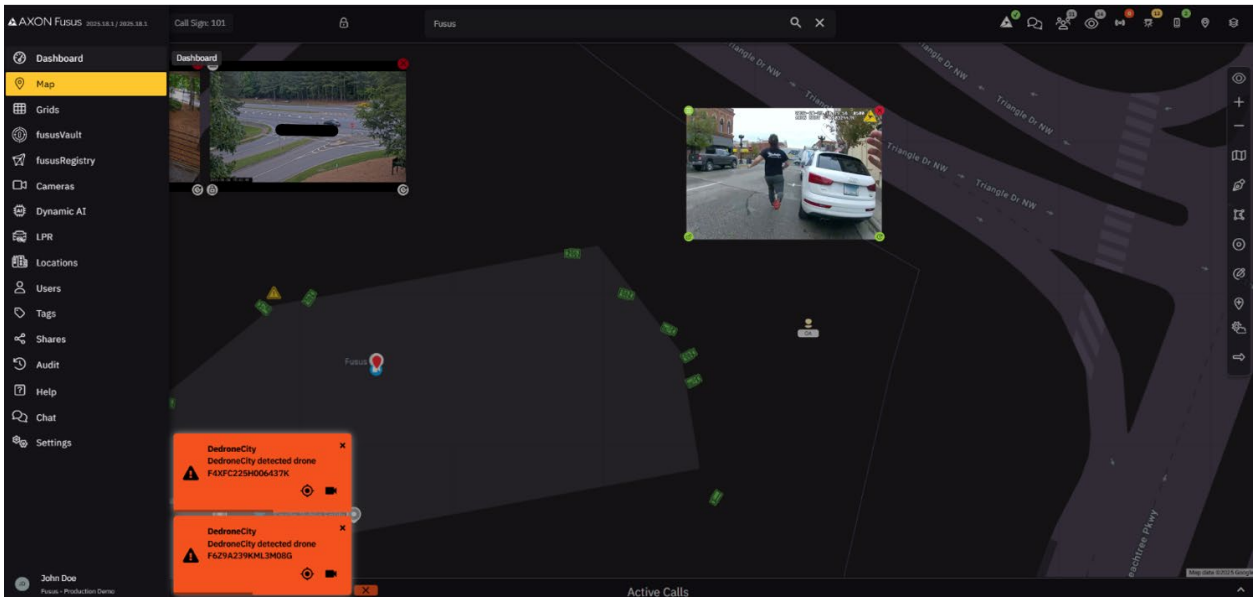
The Fusus One map-based interface provides a comprehensive view of critical data points and tools for public safety operations. It combines video streams, incident alerts, and various data layers, allowing users to monitor, manage, and respond efficiently. The interface is highly interactive, providing access to essential features through a toolbar and side panels, making it easy for users to navigate and tailor their views based on operational needs.



/ MAIN MAP VIEW

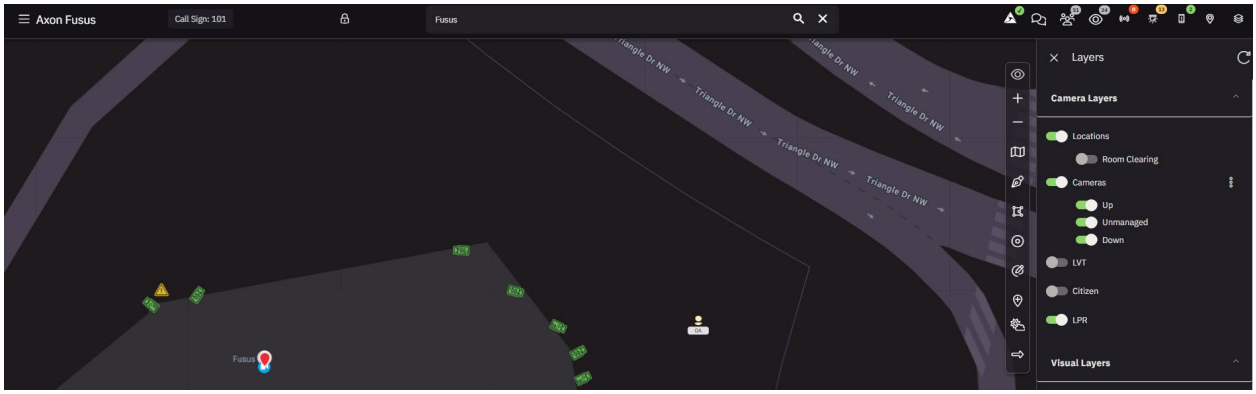
The central component of the UI is the map, which serves as the primary operating area where users can view incidents, locations, video feeds, and data layers. Video feeds and data points—such as CAD feeds, tips, or alerts—are displayed on the map, providing a visual overview of ongoing incidents.





/ CUSTOMISABLE LAYERS

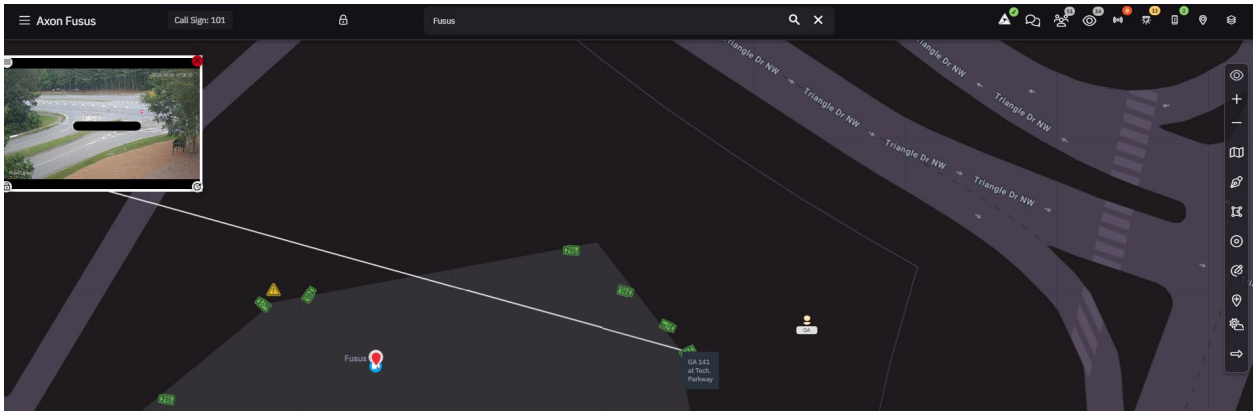
The Fusus One interface is designed with customisable layers, providing users with the flexibility to quickly create personalised views based on their role or the specific incident they are managing. These layers can be easily toggled on or off, giving users the ability to dynamically adjust the interface in real-time to make the most relevant data visible. This powerful feature allows users to, for example, activate the traffic layer when responding to a scene, providing instant visibility into traffic conditions to enhance situational awareness and inform tactical decisions. With this level of customisation, Fusus One empowers users to tailor their experience and streamline their response efforts.

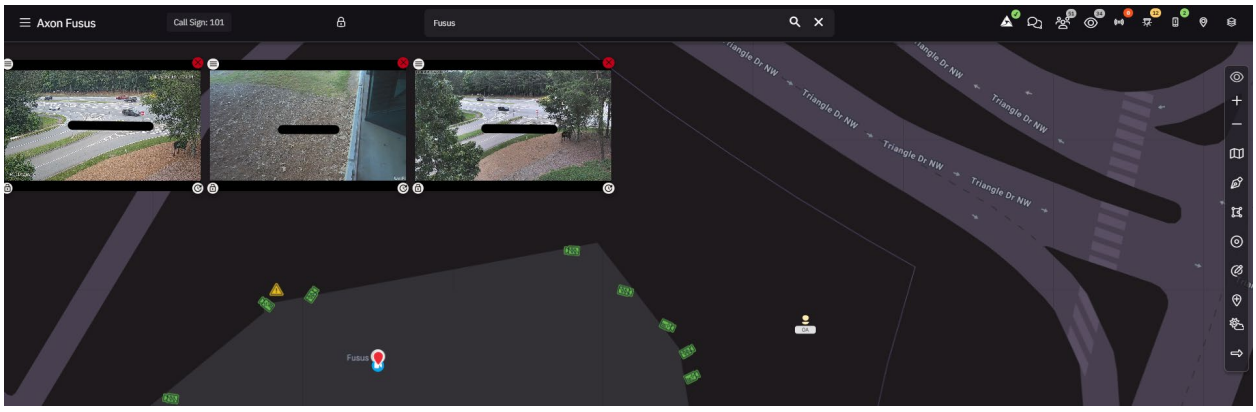


/ VIEWING VIDEO

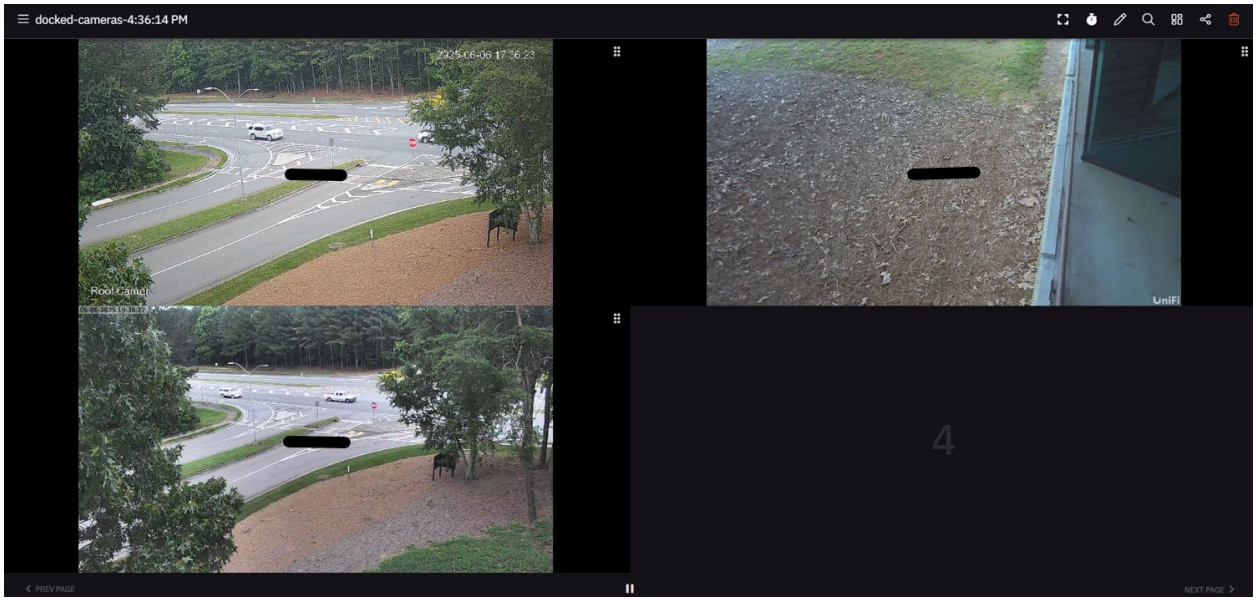
To view live video feeds in Fusus One, users can interact with camera icons directly from the map-based interface. Start by selecting a location on the map, indicated by a building or camera icon, to access available cameras and associated floorplans.

Clicking a camera icon opens a preview window of the livestream. Users can then dock the feed to display a larger view at the top of the map interface. Multiple camera feeds can be viewed simultaneously, with options to close or dock specific feeds as needed.





The Grids feature can also be used to display available camera feeds in a grid for efficient monitoring of multiple streams.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4
PREV PAGE
NEXT PAGE

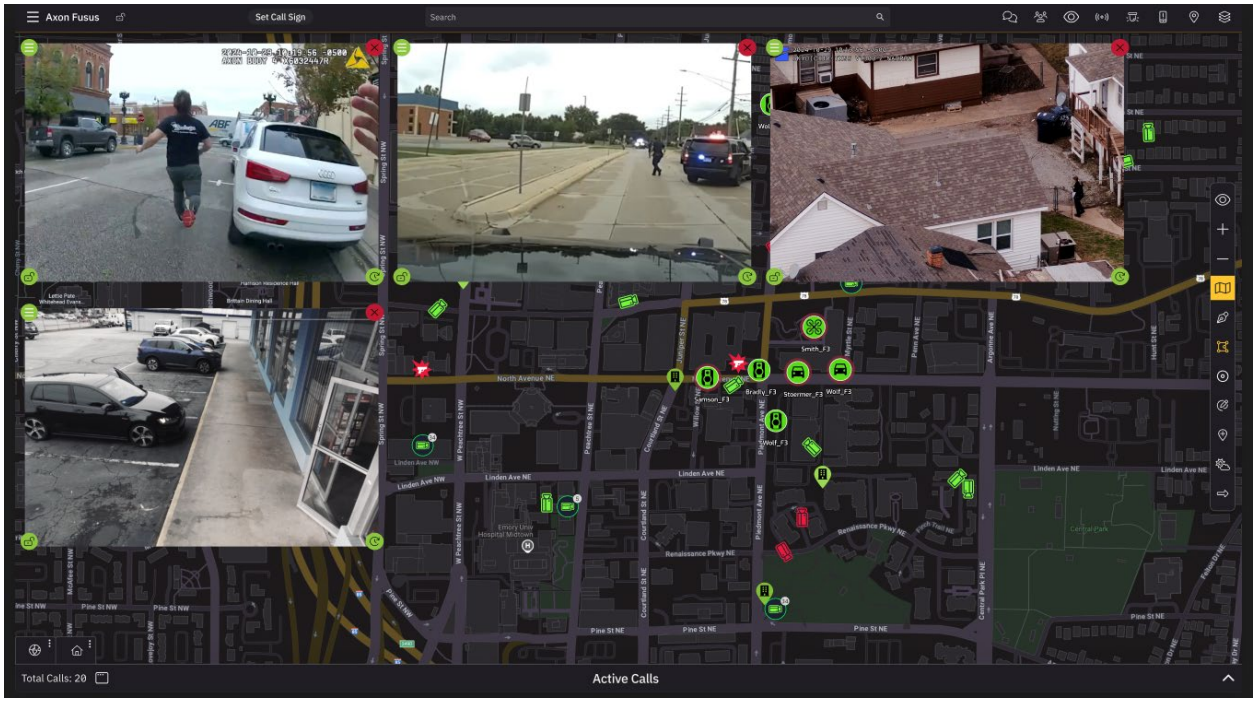
/ CONSOLIDATED VIEW OF AXON DEVICES AND ALERTS

Axon Fusus provides a centralised, map-based interface that delivers real-time visibility into Axon-connected assets across body-worn, fleet, and air. As a first-party Axon solution, the Fusus One interface serves as the operational hub for monitoring live video, alerts, and sensor inputs—without the need for separate platforms or third-party overlays.

The map view supports both Axon and third-party assets. Additionally, users can access Axon body-worn, fleet, and air devices through a dedicated device panel, enabling streamlined selection and control of first-party video sources.

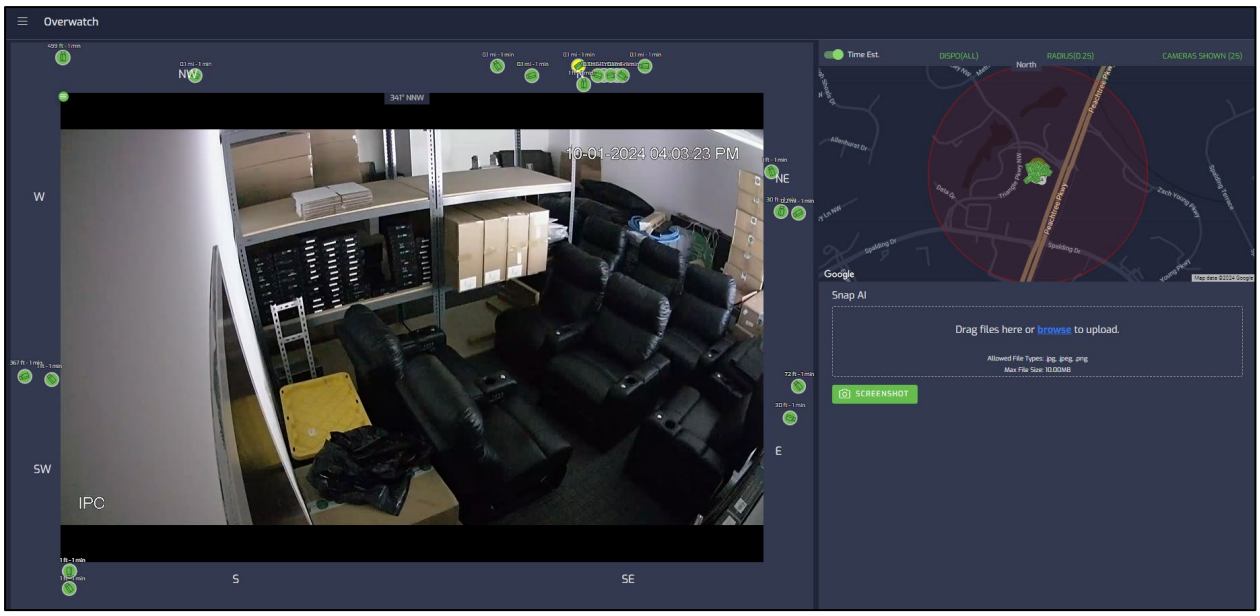
This consolidated view supports incident response and situational command through:

- **AXON BODY AND AXON FLEET LIVESTREAMS** – Live video from Axon Body 3, Axon Body 4, and Axon Fleet 3 devices is viewable directly within the Axon Fusus map, alongside third-party camera feeds where available
- **AXON DEVICE ALERTS** – Critical events such as TASER energy weapon activations, camera trigger status updates, and other Axon-generated alerts are surfaced in-map to support timely awareness and decision-making
- **BI-DIRECTIONAL COMMUNICATION WITH AXON BODY 4** – Public safety users can initiate Watch Me alerts or engage in two-way voice communication directly from the Axon Fusus map, helping extend visibility and coordination without delay
- **DRONE AND AIR UNIT VIDEO** – Axon Air (Skydio) and other aerial assets stream directly into the interface, allowing teams to combine ground-level and aerial perspectives in real time
- **DEDRONE BY AXON ACTIVITY** – Airspace security insights and drone detections from Dedrone by Axon are integrated into the map view, helping agencies monitor for unauthorised or suspicious unmanned aerial activity
- **LIVE GPS TRACKING AND DEVICE STATUS** – Axon Body, Fleet, and Air device locations and operational states are displayed on the map, providing spatial awareness and live context across incidents
- **CAD INTEGRATION** – Calls for service and incident details are overlaid within the map view for a complete operational picture
- **THIRD-PARTY CAMERA INTGRATION COMPATIBILITY** – Feeds from supported third-party camera systems are consolidated into the same interface, helping reduce switching between tools; Axon recommends direct-to-camera connections to reduce latency and improve performance.



/ FUSUS OVERWATCH

Fusus Overwatch is a powerful tool that enables users to manually predict and track the movement of vehicles, individuals, or objects in real time across multiple camera feeds. With the integrated map, users can visualise camera locations, assess distances, and view time estimates for switching between streams, allowing the tracking of subjects as they move from one camera feed to another. The system provides quick access to nearby cameras, allowing for continuous monitoring of the subject. The live video streaming interface, which is central to this feature, allows users to follow activity in real time, while AI-driven tools like Snap AI enhance the process by capturing and analysing critical data. These capabilities make Fusus Overwatch a valuable tool for improving situational awareness and streamlining real-time tracking.



/ VIDEO CLIP

The Video Clip tool simplifies the process of reviewing and storing recorded video footage from connected cameras. By offering easy access to recorded content, the tool allows users to

quickly search for specific events within a video, adjust the time scale for precise review, and capture relevant segments by setting start and end points.

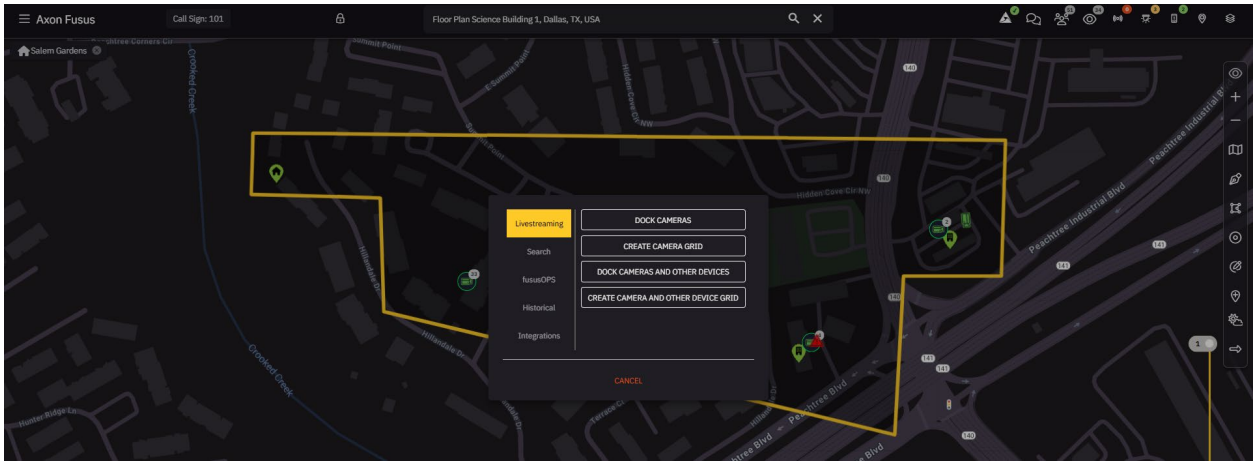
Once clips are selected, they can be securely stored in the Fusus Vault for later access or downloaded for local storage. This feature enhances investigative efficiency by streamlining the process of identifying key video footage, supporting quicker response times and more effective evidence management.

/ SELECTION TOOLS

The selection tools in Fusus One—Draw Polygon, Draw Circle, and Draw on Map—allow users to create custom-bounded parameters around assets of interest. By setting these boundaries on the Fusus One map, users unlock a wide range of capabilities, including:

- Livestreaming options for real-time monitoring
- Search capabilities for AI-identified objects
- Historical data with Playback Sync for reviewing past events
- Bulk clipping for evidence collection
- Registry requests for asset information
- Fusus Investigate for accessing CAD data
- AVL history to track vehicles

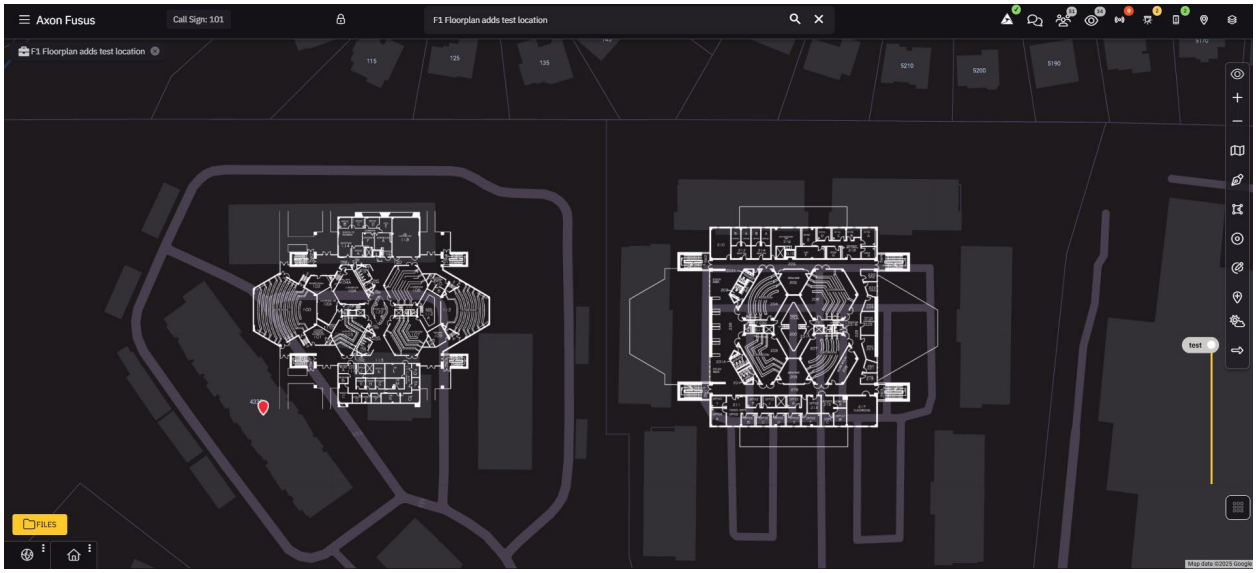
Additionally, the map will display any integrations available in the selected area, allowing users to leverage them for comprehensive situational awareness. These drawing tools are both powerful and easy to use, providing quick access to a wealth of information and features.



/ FLOOR PLANS

Building floor plans can be integrated into the system to enhance situational awareness and improve incident response. The system allows users to upload or access existing floor plans directly to the system and on top of the accurate map location. These floor plans are displayed on the map-based platform, with the ability to navigate between different floors using a slider bar. This functionality helps users identify camera locations and provides quick access to building layouts during emergencies.

Floor plans are particularly useful during critical incidents, where they can be combined with incident management tools, such as the room clearing feature, which allows Fusus One users to mark when a room has been cleared, keeping users updated on what areas of a location have been searched. Additionally, the telestration feature lets users quickly annotate floor plans with notes or instructions, sharing them across teams to promote better coordination and alignment across users viewing the plans.



/ INTEGRATED DATA SOURCES

Fusus One ingests live video feeds from multiple sources, including drones, building security cameras, traffic cameras, and other remote devices. These video streams are combined with additional data such as floor plans, sensor triggers, and camera registry maps, to create a unified view.

/ REAL-TIME TRIGGERED RESPONSES

Fusus One enhances situational awareness by enabling real-time notifications from data points and sensors. When specific triggers—such as gunshots or user panic alerts—are detected, the system automatically activates cameras and other relevant data points within a pre-defined area. This capability allows public safety teams to respond quickly with expedited access to critical video and data.

/ CONFIGURABLE ROLE-BASED ACCESS

Fusus One is fully configurable and profile-based, allowing different users—such as emergency operators, tactical teams, and investigators—to access the most relevant information based on their roles. The system tailors the display and access levels to the needs of each user, so only the necessary authorised data is shown.

/ THIRD-PARTY INTEGRATIONS

Axon Fusus is built on a scalable integration model designed to make interoperability straightforward, repeatable, and sustainable. Rather than building one-off integrations for each vendor or system, Axon Fusus provides pre-defined connection frameworks—called experiences—that multiple vendors can plug into.

Each experience is designed around a specific data type or operational function—such as video, license plate recognition, drones, or GPS tracking. This means customers and technology partners connect to a framework that already understands how that kind of data should behave inside Axon Fusus: how it's received, processed, displayed, and shared.

Put simply, Axon Fusus integrations are not custom builds. They are structured connection points built once, validated, and used by many.

/ HOW IT WORKS

Each Axon Fusus experience defines three things:

- **THE TYPE OF DATA IT SUPPORTS** — For example, live video, telemetry, or event alerts.

- **THE METHOD OF CONNECTION** — Such as REST API, RTSP, or cloud-to-cloud communication.
- **THE WAY INFORMATION APPEARS AND IS USED** — Through maps, dashboards, or alert feeds within Axon Fusus.

Because these standards are already built into the platform, vendors that use common communication methods can connect through an existing experience without additional development.

Other experiences are service-assisted, meaning Axon will help the customer configure the connection as part of deployment. These typically involve integrations that require additional validation, security alignment, or professional services support

This modular structure makes it faster and more reliable to integrate new technologies—each new connection strengthens the framework for everyone using Axon Fusus.

/ SUPPORTED AXON FUSUS EXPERIENCES

Axon Fusus currently supports a range of pre-built integration experiences that allow customers to connect existing technologies and data sources into one operational view. Each experience represents a standardised framework designed around a specific function or data type, enabling multiple vendors and systems to connect through the same interface.

The following experiences are active within the Axon Fusus platform:

- **GEOSPATIAL DATA** – Maps, overlays, and geolocation for incidents, assets, and personnel
- **AUTOMATIC VEHICLE LOCATION (AVL)** – Fleet tracking and deployment optimisation
- **COMPUTER-AIDED DISPATCH (CAD)** – Displays location and details of calls for service and incidents.
- **DRONES** – Aerial situational awareness
- **LICENSE PLATE RECOGNITION (LPR)** – Vehicle identification and tracking
- **AI DETECTIONS** – Automated object and person recognition
- **WEAPONS AWARENESS** – Real-time alerts and camera activation
- **CAMERA INTEGRATION** – Unified video aggregation across systems
- **WEATHER INTELLIGENCE** – Environmental insights for planning and response
- **REAL-TIME TRACKING** – Personnel, vehicle, and asset monitoring

These experiences form the foundation of Axon Fusus's interoperability model, allowing agencies and organisations to extend their existing systems into a shared, scalable operational environment.

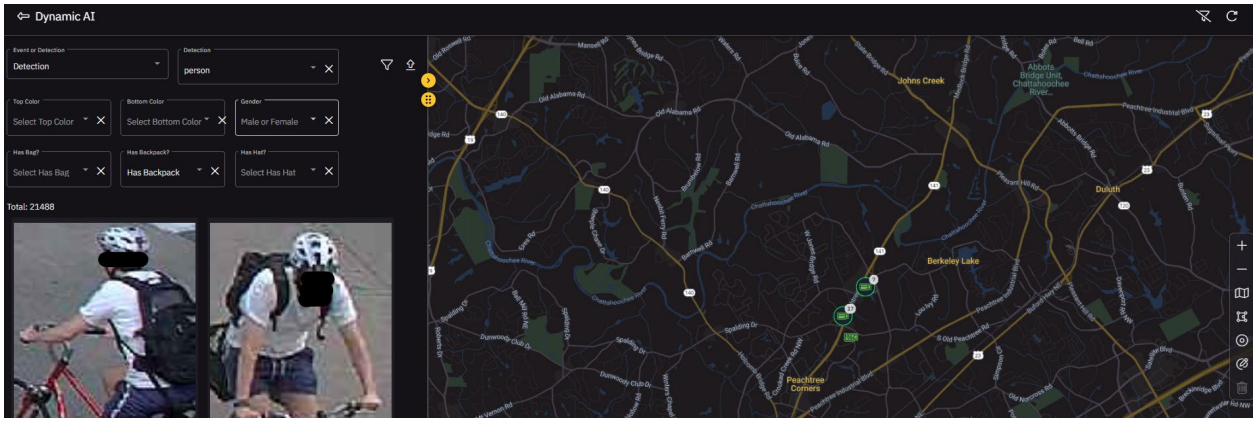
/ GLOBAL FRAMEWORK

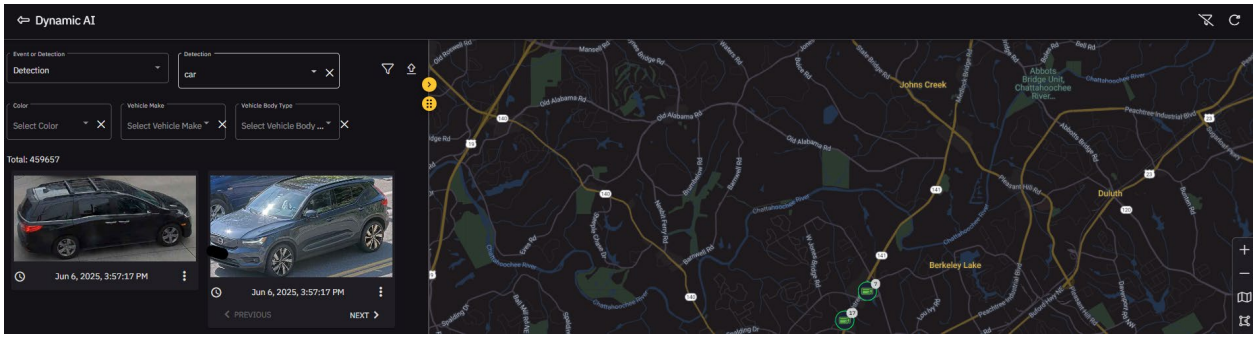
While most validated integrations are currently U.S.-based, Axon Fusus' architecture is designed to support global expansion. Integrations can be evaluated and activated regionally based on local data-handling, privacy, and hosting requirements. Each regional deployment uses the same standardised framework model applied in the United States, with validation for compliance, vendor readiness, and performance completed before activation.

FUSUS AI

Fusus AI integrates seamlessly with the Fusus One platform, providing robust object detection, recognition, and classification capabilities that significantly improve the monitoring of objects of interest. Operating at the edge, Fusus AI processes video directly at the camera via FususCore, identifying and classifying objects such as people, vehicles, and items like bags. Once identified, these objects are associated with a database of similar objects, enhancing the system's ability to track incidents and empower users to respond.

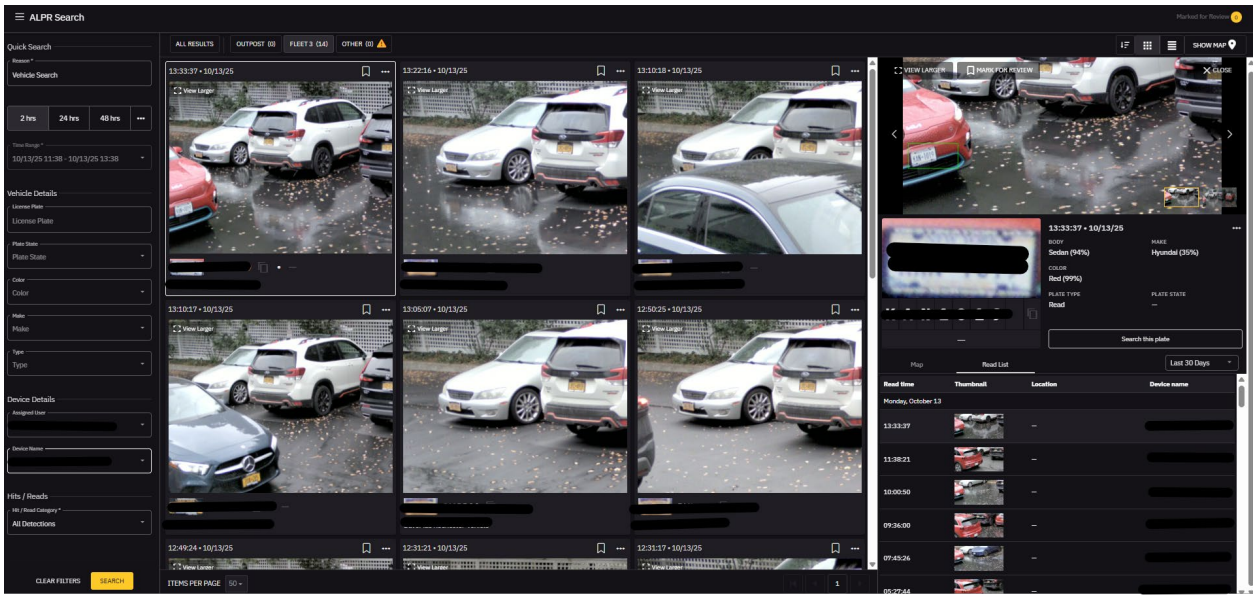
Fusus AI enables public safety teams to help automate the detection of objects and receive alerts when specific criteria are met. This includes setting **rules-based profiles** that trigger notifications when a match occurs on any camera within a designated area. Objects can be classified by various attributes, such as top and bottom clothing color, gender, or whether the individual is carrying a bag or wearing a hat. Vehicle detection can be refined by color, make, and body type. These search parameters allow for narrow, precise monitoring, with the system continuing to scan and alert users when objects of interest are detected.





Behavioral AI enhances monitoring by detecting specific behaviors and scenarios, including zone-based activity such as unauthorised entry, intrusion, or line-crossing. It can also identify crowd detection, providing additional context during public safety events or escalated incidents. These behaviors are associated with identified objects, allowing users to create exclusionary zones and receive alerts when certain actions are detected.

Fusus Snap AI allows users to capture images from video feeds or external sources, which are then processed by the AI engine for object identification and classification. This feature supports retrospective searches and forward-looking detection, enabling users to track objects of interest across connected cameras.



Fusus AI benefits from **over-the-air updates** to its AI library, helping keep object detection, recognition, and classification capabilities current while supporting public safety teams as they monitor objects of interest.

FUSUS OPS

Fusus Ops is a mobile application designed for public safety personnel who are on the move and may not have access to a stationary laptop, tablet, or computer. It is ideal for tactical units, officers on foot patrol, SWAT teams, horse-mounted units, and motorcycle police. Integrated with the Fusus One platform, Fusus Ops allows first responders to share live geolocation data, send panic alerts, helping improve communication and real-time situational awareness in the field.

Fusus Ops provides value during large-scale incidents when the GPS tracking capability is enabled. It allows RTO centers to group personnel by team name and call sign, view colour-coded teams, and use searchable lists to support coordination. These features help facilitate personnel tracking and operational oversight in complex scenarios when Fusus OPS location services are active.

Fusus Ops leverages mobile connectivity to support communication and coordination, even in high-traffic or congested environments. Its performance depends on the carrier and device in use but is structured to operate reliably when supported by those systems.

FUSUS ANALYTICS

Fusus Analytics is a crime and incident heat mapping and analysis tool based on calls for service. Integrated with Fusus One, the data provides public safety agencies with a clear visualisation of hotspots, helping them identify areas of high activity.

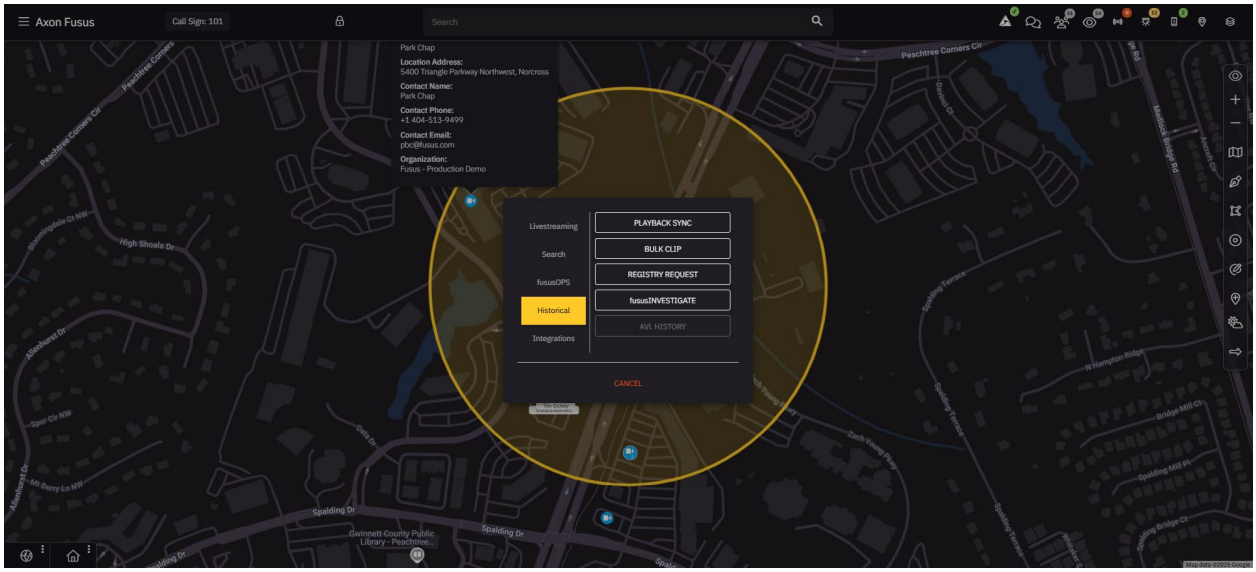
By leveraging call-for-service data, Fusus Analytics enables agencies to drive changes in patrol strategies, increasing or reducing their presence in specific areas as needed. The ability to visualise call data helps agencies make data-driven decisions to improve operational efficiency, helping them to strategically deploy resources where they are needed.

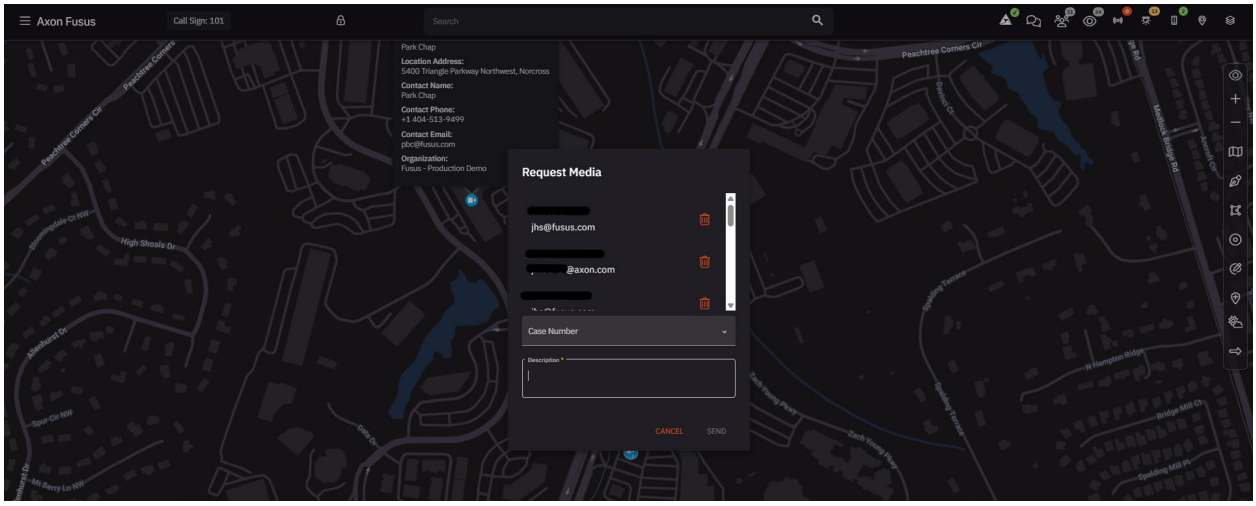
FUSUS REGISTRY

A Fusus One user can access the Fusus Registry to view public and private cameras that have been voluntarily registered in the system. This allows users to quickly locate available camera assets within a given area. Using the map-based interface, users can conduct a digital canvassing of an area, identifying registered cameras on the map.

Once relevant cameras are identified, users can send requests directly through Fusus One to camera owners, asking for video footage or data to support an investigation. This process

enables public safety teams to quickly gather important information, enhancing the speed and efficiency of their investigations by leveraging community resources.



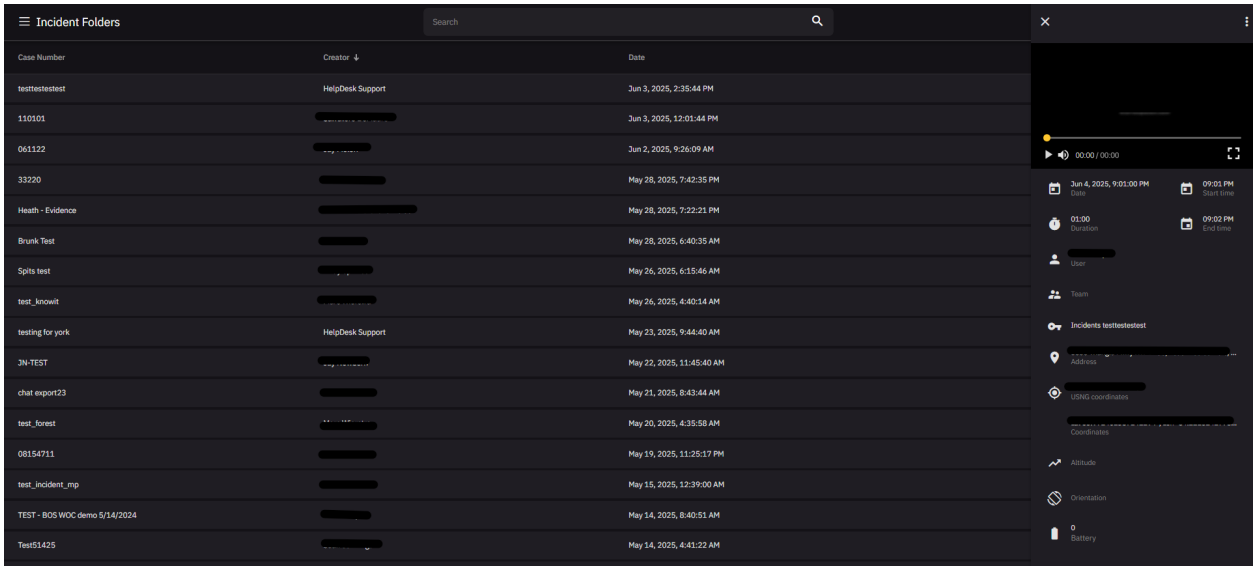


FUSUS VAULT

Fusus Vault is a CJIS-compliant Digital Evidence Management System (DEMS) designed to store collected evidence from various Fusus solutions, including Fusus Core, Fusus Ops, Fusus Tips, and Fusus Registry. Evidence is tagged with relevant metadata including the following:

- Date and time evidence was added to the Fusus Vault.
- Name, phone number, and email of the user who added evidence to the Fusus Vault.
- Updated date if evidence was updated in the Fusus Vault.
- Incident numbers associated with the evidence in the Fuus Vault.

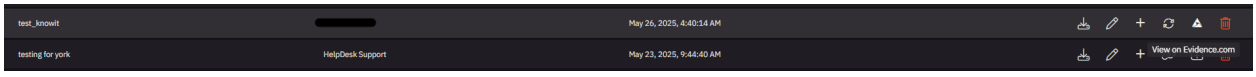
This metadata makes evidence easily searchable and organised in the Fusus Vault for efficient short-term storage and access.

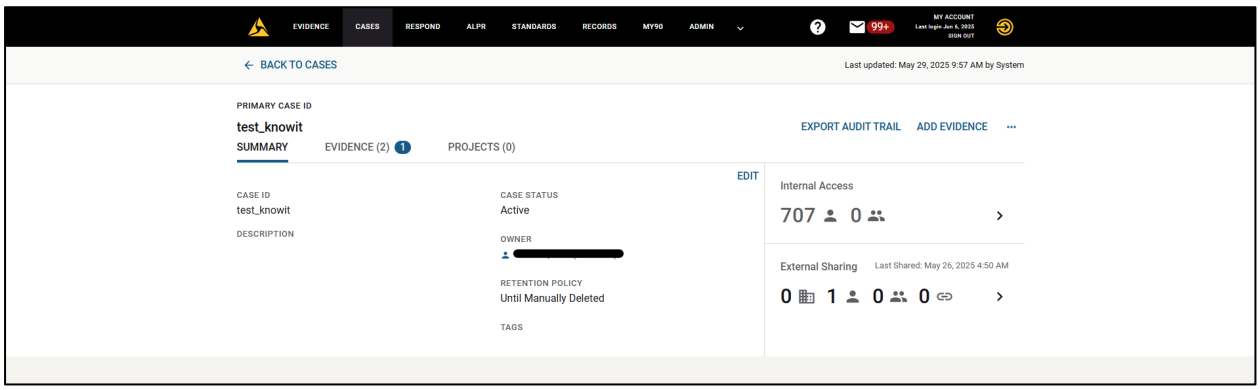


AXON EVIDENCE INTEGRATION

Fusus Vault is designed for temporary evidence storage, with Axon Evidence serving as the final destination for long-term retention. The integration between Fusus Vault and Axon Evidence provides a seamless and secure transfer of evidence, maintaining an unbroken chain of custody. Detailed audit trails track user interactions and activities within Fusus Vault, and these records are passed along to Axon Evidence, safeguarding the integrity of the evidence throughout its lifecycle.

The Axon Evidence integration allows users to easily transfer artifacts by clicking the Upload button for the desired evidence, entering the necessary details, and completing the process. Once uploaded, the Axon logo appears as a button that users can click to access the evidence directly in Axon Evidence.





FUSUS ONE SECURITY

Media in Fusus is encrypted at rest using AES 256-bit encryption. Media files are streamed on demand within Fusus One, buffering only the data required for viewing. This approach adds an extra layer of security by not storing local copies of video on a user's computer. When requested, the video is securely transmitted following FIPS 140-2 standards to help satisfy rigorous security protocols.

BUILDING A PUBLIC-PRIVATE PARTNERSHIP

The Axon Fusus Public-Private Partnership, a key element of the Fusus Community Connect programme, connects public safety organisations with existing community cameras, offering a more cost-effective and flexible approach to improving situational awareness and response. This partnership helps reduce the need for costly, fixed infrastructure like traditional surveillance cameras, which have limited coverage due to their static nature. By leveraging the vast network of privately owned cameras already in place—ranging from residential to business locations—public safety organisations can access a broader range of video feeds, helping to improve both real-time response capabilities and long-term investigations. The integration of Axon Fusus components like Fusus Registry and Fusus Core Devices plays a critical role in facilitating this collaboration, supporting seamless participation, and providing community members with full control over their footage.

SOLUTION/FEATURE	DESCRIPTION
AXON FUSUS REGISTRY	A secure platform where community members can easily register their cameras, allowing public safety to know where cameras are located across the community without having access to live feeds. This registered information is housed within Fusus One, which public safety officials can use for digital canvassing, quickly identifying cameras near a crime scene and requesting footage when needed.
FUSUS CORE DEVICES	A secure hardware appliance that allows participants to integrate their cameras directly into the public safety network. Once connected, the Fusus Core enables real-time and recorded video sharing with public safety, providing access to critical video feeds during emergencies. This integration empowers both public safety and community members, as it allows for greater situational awareness while still giving participants control over what video data is shared.

To facilitate participation, public safety organisations can set up a custom microsite. This microsite serves as a convenient landing page for community members and public safety alike, providing an easy-to-use platform where individuals can register their cameras or purchase Fusus Core devices. This accessible space allows for easy sharing of camera information or integration into the Fusus network for both residents and business owners.

LEVEL 1: FUSUS REGISTRY (CAMERA REGISTRATION)

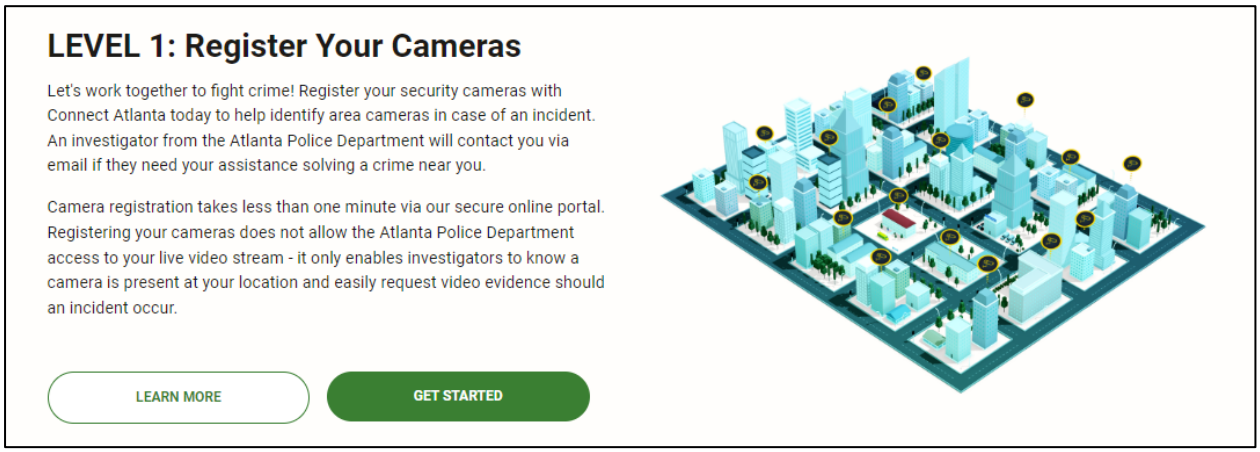
Fusus Registry allows community members to contribute to public safety by quickly and easily registering their cameras through a secure online portal. The registration process is meant to be simple and requires entry of basic contact information—such as the camera owner's name, email, and phone number—and location details, including the address, city, and whether the location is residential or business, along with the number of internal and external cameras.

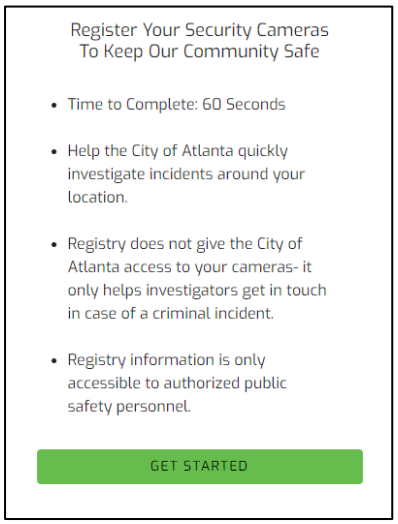
Once registered, public safety organisations are alerted to the presence of cameras at specific locations, though they do not gain live access to the feeds. Instead, camera locations are integrated into Fusus One, a system that allows public safety officials to conduct digital canvassing. This process enables investigators to quickly identify cameras near the scene of an incident and send email requests for video footage, helping reduce the need for time-consuming door-to-door canvassing.

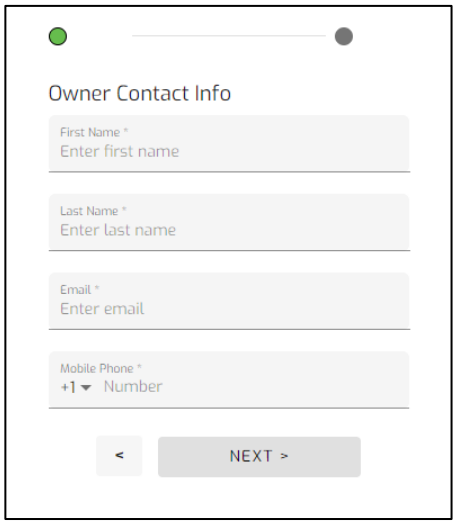
For example, in the case of a series of car break-ins, a detective can use Fusus One to locate registered cameras in the area. They can then request video footage from camera owners via email, drastically reducing investigation time and enabling more efficient evidence collection.

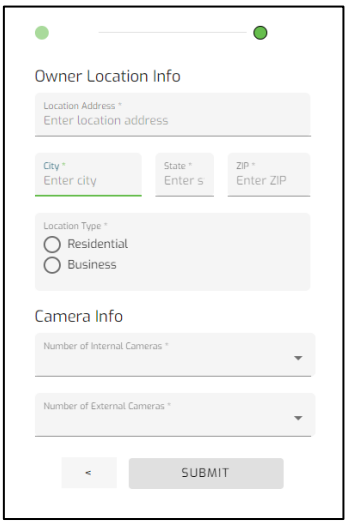
Community members retain full control over their footage, deciding when and how to share it. For instance, a homeowner who registers their camera can choose to provide footage only

when they deem it relevant to an investigation, preserving their privacy while still supporting public safety efforts.









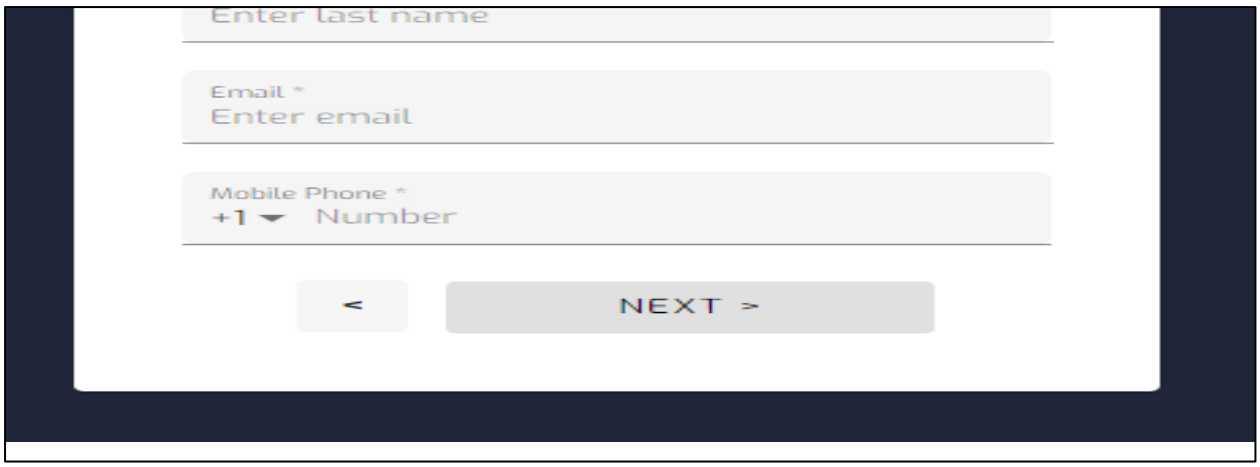
LEVEL 2: PUBLIC-PRIVATE CAMERA INTEGRATION

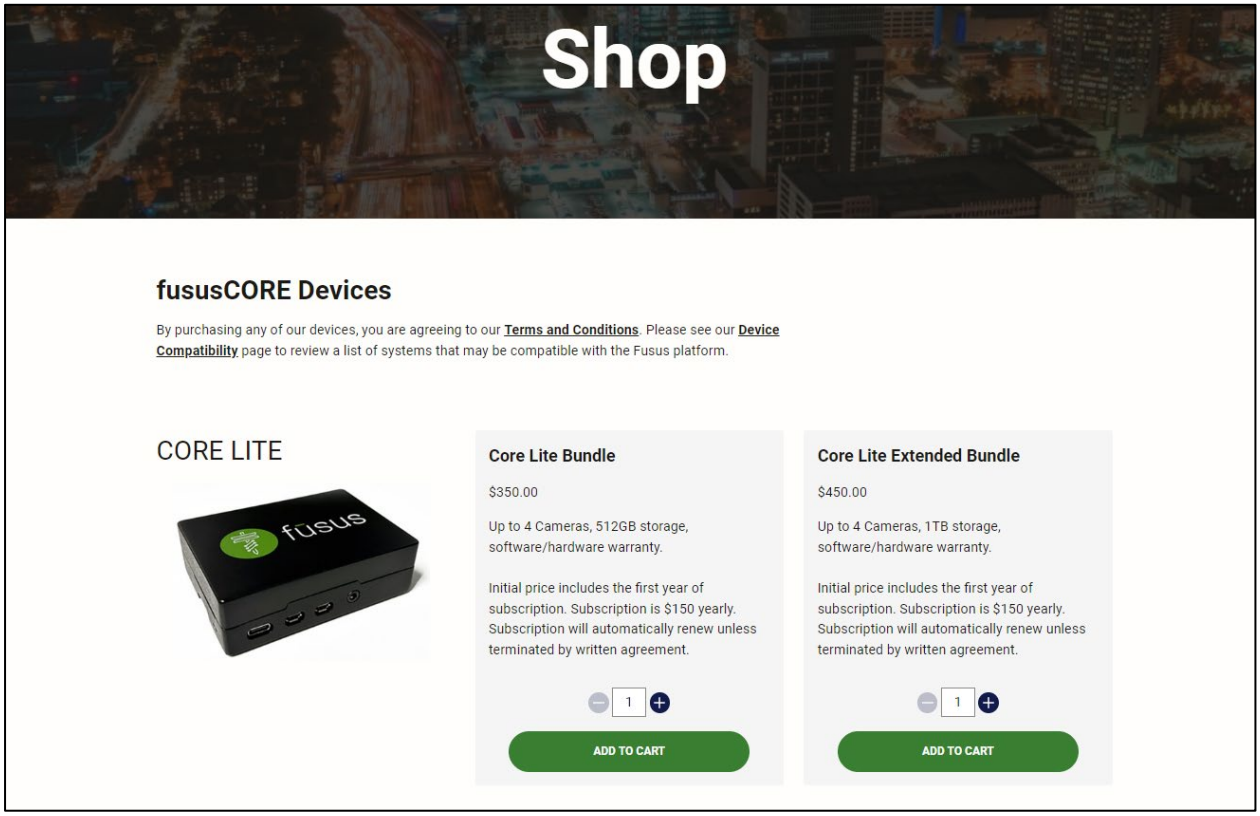
Public-Private Camera Integration allows community members, particularly business owners, to integrate their camera systems directly into the public safety network using Fusus Core devices. The process is simple: community members purchase a Fusus Core device, which is delivered with easy-to-follow instructions similar to setting up a home Wi-Fi router. Once installed, the Fusus Core enables users to share their camera feeds—either live or recorded—with public safety organisations during emergencies.

This integration offers significant benefits to public safety organisations by providing situational awareness and critical evidence in real time. For example, if a robbery occurs at one of a business' locations, the public safety organisation can quickly access exterior camera feeds to assess the situation and respond more effectively.

Business owners—who have paid donor sites—also benefit from gaining access to Fusus One, where they can create their own Security Operations Center (SOC). This platform allows them to monitor their cameras across multiple locations from a single dashboard, enhancing their internal security operations. The flexibility of the system helps participants maintain control over which cameras are shared, and when, allowing them to prioritise their privacy needs.

Additionally, many cities offer programmes or Donor Funding to cover the cost of the Fusus Core device, making it a cost-effective solution for businesses. The purchase is also tax-deductible, further increasing its appeal to business owners.





PRIVACY CONSIDERATIONS AND CAMERA CONTROL

The Axon Fusus Public-Private Partnership is designed to give community members full control over their video data. Whether registering cameras for potential footage requests or integrating live video feeds, participants have complete authority over what is shared and when. Public safety organisations are not granted automatic access to live feeds, and footage sharing is voluntary.

This approach prioritises the privacy and autonomy of community members while still allowing them to contribute to local public safety efforts. By giving participants the flexibility to control their level of involvement, the Axon Fusus system offers each individual privacy while supporting safer neighborhoods.

VALUE OF THE PUBLIC-PRIVATE PARTNERSHIP

The Axon Fusus Public-Private Partnership offers significant benefits to public safety organisations, community members, and businesses alike, creating a connected ecosystem of

cameras that enhances security while helping limit costs and improving investigation efficiency. Key advantages include:

- **COST SAVINGS** – Studies show that maintaining city-operated cameras can cost up to $1,500 (£1,086) per camera per year. By leveraging privately owned cameras through Fusus Registry and Fusus Core devices, public safety organisations can significantly reduce infrastructure costs while expanding their video network.
- **TIME EFFICIENCY** – Traditional investigations often involve door-to-door canvassing or time-consuming outreach to witnesses. With Fusus One, public safety officers can quickly identify cameras near the scene of an incident and send email requests for footage, dramatically reducing the time required to gather evidence.
- **SELF-UPDATING ECOSYSTEM** – Registered camera owners can easily update their information through the Axon Fusus system to keep their data accurate and up to date, so public safety organisations can reliably leverage the data as the community grows.
- **SCALABLE, FLEXIBLE SOLUTION** – Fixed cameras, such as those on traffic lights, may not capture the most crucial incidents. The Fusus Community Connect initiative offers a more dynamic, scalable network by integrating both private and public cameras. This flexible approach allows for greater coverage in key areas while supporting community collaboration and participation.

/ ADDITIONAL COMMUNITY RESOURCES

- **FUSUS CONNECT COMMUNITY REPRESENTATIVES** – Axon deploys a dedicated team of Fusus Connect Community Representatives to actively raise awareness and drive interest in the Fusus Community Connect programme. These representatives implement a comprehensive outreach strategy, including direct call-out campaigns to community members, tailored to make connecting local assets as easy as possible. In addition to personal outreach, the team amplifies awareness through posters, hand-out cards, social media campaigns, and speaking engagements with business leaders and community stakeholders. By sharing success stories through case studies and interviews with community members, the team highlights the real-world impact of the Fusus Community Connect programme, showcasing how it enhances community safety. The length of the call-out programme is customised based on the Axon Fusus bundle and is meant to bolster engagement and provide support that fits each community's needs.

CAPTURE TRUTH
ACCELERATE JUSTICE
PROTECT LIFE

AXON