



2025 - 2026 POLICE BUREAU TECHNOLOGY INITIATIVES LESS LETHAL IMPROVEMENTS

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Technological Impact on Today's Law Enforcement



- Over the past several years, advancements in technology have reshaped how criminals are committing crimes and how police are preventing and investigating these crimes
- Today's police officers are faced with a mountain of requirements for evidence collection, analysis and storage, all with unrealistic timelines to present for trial.
- Offenders do not recognize jurisdictional lines, forcing police agencies to coordinate quickly and share resources. This requires continued coordination and effort.
- Higher than normal turn over, along with recruitment challenges, have forced police agencies to apply technology as a force multiplier. Agencies must use technology to supplement patrols.
- The individual police officer cannot manage the technology from their front seat while multi-tasking all their other responsibilities
- Technology comes with a cost and risk. The public deserves transparency and accountability to maintain trust.



2025 – 2026 Police Bureau Technology Initiatives and Less Lethal Improvements

- Body Worn Cameras and Dash Cameras
 - Centralized Arraignment Program
 - Taser 10 upgrades
- Family Justice Center – Domestic Violence
- License Plate Readers and Public Safety Cameras
 - Drone as a First Responder Program
 - RIOC



Centralized Arraignment Program

Unarraigned Prisoners in the custody of any Arresting Agency shall be accepted into the Monroe County Sheriff's Office Central Booking during times that the various local courts are not in normal session.

These individuals will then be transported to Centralized Arraignment Court at the Hall of Justice twice a day for arraignment.

This frees up Police Officers from having to detain individuals until a Judge can be called in after hours. It also speeds up the arraignment process by guaranteeing no more than 12 hour wait.

Family Justice Center



The Willow Family Justice Center (FJC), is a comprehensive, co-located program that would support survivors of domestic violence, their children, and even their pets in one centrally located place.

MCSO would assign a full time Investigator to work at the FJC dedicated to addressing domestic violence as well as coordinating an immediate response for High Risk Cases with a threat of immediate violence.

- Monroe County DV rates are twice as high as the NYS average. 54,000 calls to 911 in 2024.
- Centralized Resources and quality control for DV services
- Local LE agencies still own and manage their investigations with support of the FJC

Former Irondequoit Mall to house hub for domestic violence services

WXXI News | By Raquel Stephen
Published September 4, 2024 at 3:39 PM EDT

LISTEN - 1:49



Body Worn Cameras, Dash Cameras and Taser 10 devices



- **320 Body Worn Cameras**
 - New Technology
 - Old cameras transferring to Jail
 - @ 90% coverage
 - 10 years of service / storage
- **65 Dash Cameras**
- **210 Taser-10 devices**
 - Police and Jail Bureaus
 - Longer range
 - Multiple attempts





Body Worn Camera Advancements

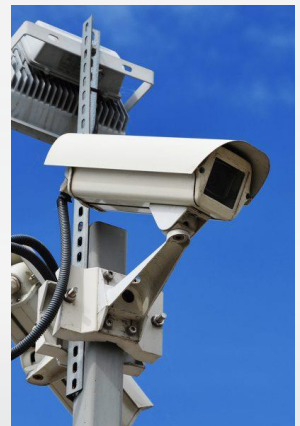
- 160 degree field of view
- Longer battery life
- Higher quality video
- Bi-directional communication
- Integrates with RIOC to show deputy's location and livestream video
- Improved redaction, search and audit software
- Automatically turns on camera when sidearm is drawn or another nearby camera is powered on
- Automatic transcriptions of recordings

<https://www.axon.com/resources/beyond-battery-life-how-the-ecosystem-brings-out-the-best-in-the-axon-body-4>

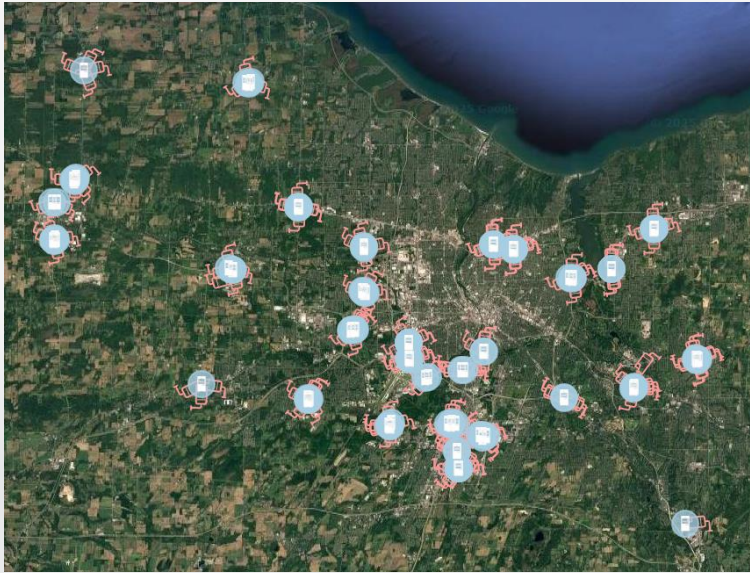
License Plate Readers and Public Safety Cameras



- Joint effort with most Town and Village Police Departments
- Project is endorsed by the Governor's Office and funded through NYS technology grant
- Already in use in all other major NYS cities and several smaller cities
- Used successfully all over the country to quickly solve crime and locate missing persons
- Oversight achieved through direct supervision, strict audit procedures and policy based on the NYS model policy
- Still requires human verification and only wanted persons are linked to DMV data (Hot List)



License Plate Readers and Public Safety Cameras



- These locations are approximate
- Final exact locations are subject to change upon infrastructure availability at time of install
- All locations are either Monroe County or NYS Right of Way



Drone as a First Responder (DFR)

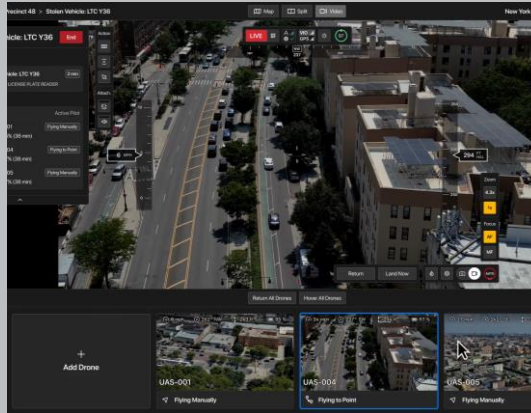
- Automatic Dispatch to Priority A calls
- Remote pilot from RIOC
- Faster Response Time than most patrols
- Permanent rooftop launch sites selected based upon density of Priority A jobs
- Transparency Dashboard for public
- Saves personnel resources



Using American made technology



Drone as a First Responder (DFR)

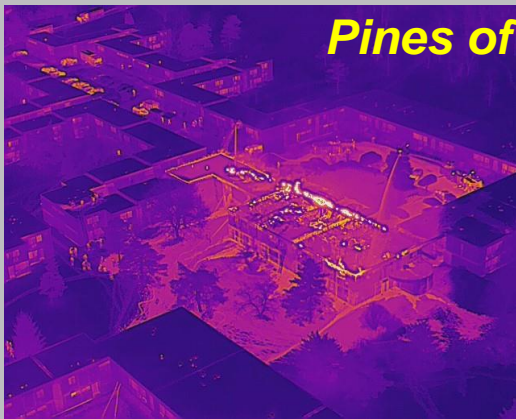


- All flight plans and video footage are automatically preserved in the digital evidence system
- Software provides for audit trail and accountability
- Ability to share video with deputies and the Emergency Operations Center in real time



Drone as a First Responder

Provided as a service to other first responders and governmental agencies

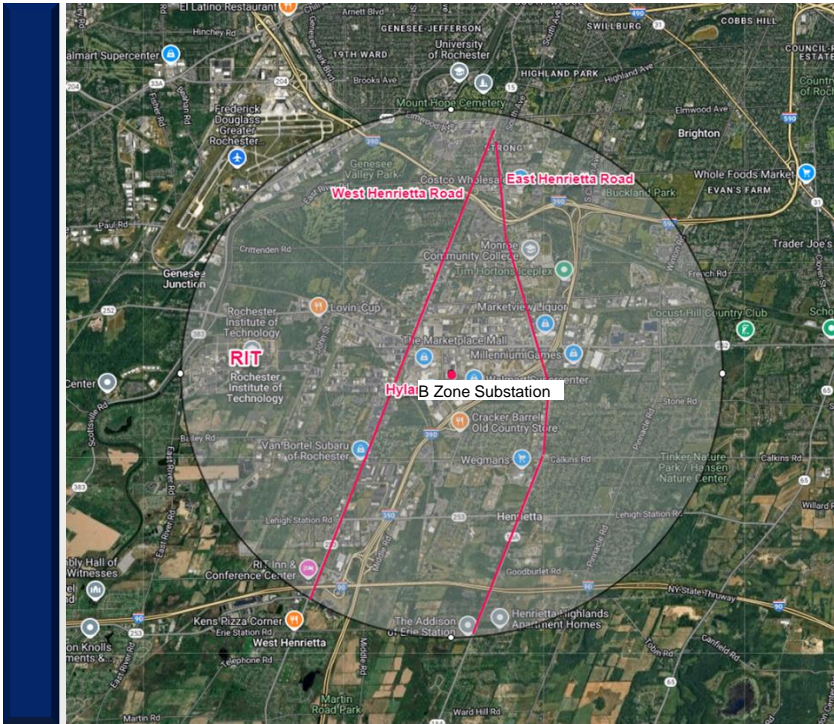


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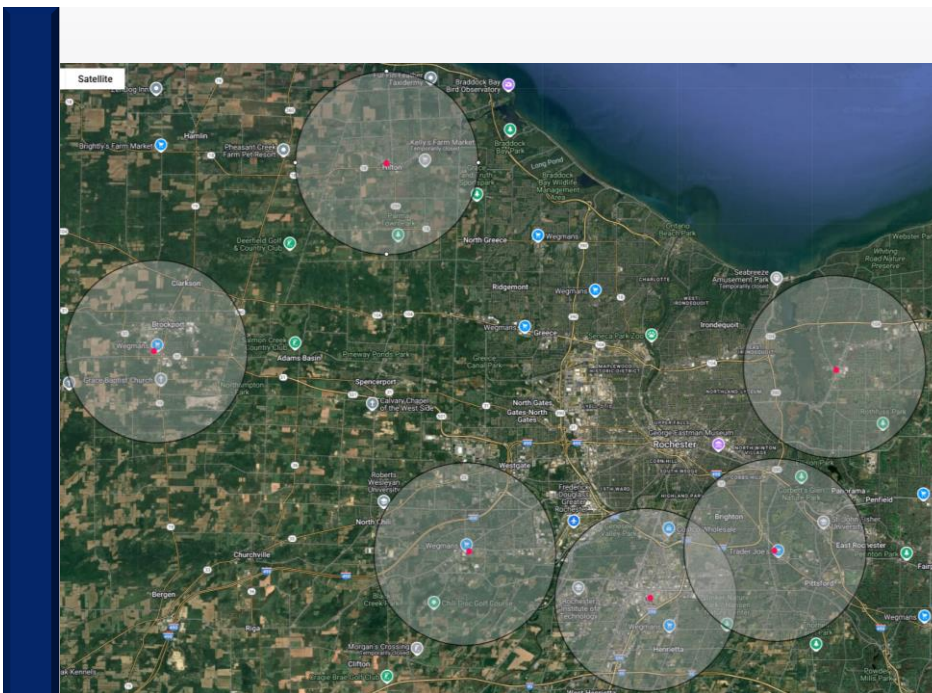
Thermography

Visual



PHASE – 1

- Henrietta location - Fall of 2025
- Requires some Infrastructure modifications to roof
- Covers 6mi diameter
- Automatically Dispatched by linking to the 911 system



Growth Potential

- 6 locations, TBD
- Cover over 50% of Priority A Calls for Service
- DFR as a Service to other local government agencies



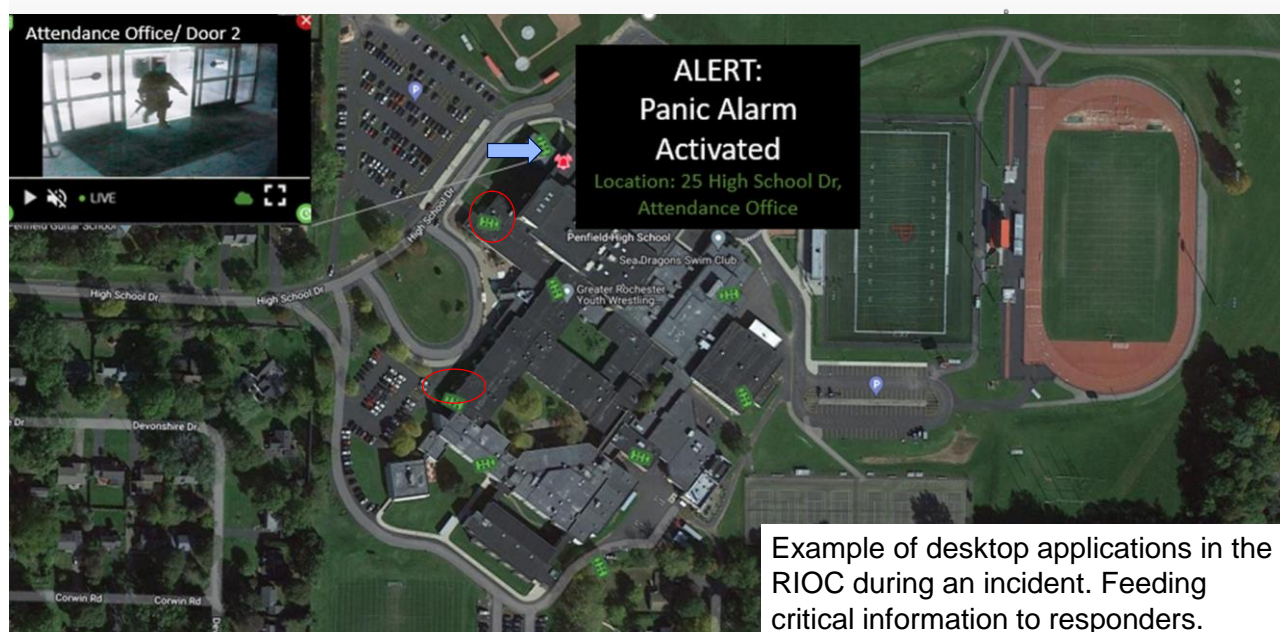
Regional Investigative Operations Center



**DOES NOT REPLACE
911 or MCAC**

- Commonly known as a ***Real Time Crime Center***:
 - Making the best possible decisions based on the most accurate information available
 - Links decision makers with technological resources
 - Integrating technology to be more proactive and to operate more safely
- Primary Focus on:
 - Domestic Violent Extremism – **Threat Assessment and Management - ROCTAC**
 - **Multijurisdictional crime patterns** that demand extra resources and coordination
 - Community Wide Hazards – Blizzards, Flooding, Wind Events
- RIOC has both command and coordination capability when necessary:
 - Ample space and tech to assist with coordination efforts across multiple agencies and disciplines
 - Helps Leaders develop and implement strategy by applying technology and sharing resources
 - Links to Schools, EOC, Unified Command Post, 911, MCAC, Local and State Government





Example of desktop applications in the RIOC during an incident. Feeding critical information to responders.

Major Funding Initiatives



Monroe County Funding: 7.1M

- 41 person staffing increase with equipment, vehicles and training
- RIOC Building – Infrastructure
- Lease payments
- Technology and furniture

Federal Cops Grant (Rep. Morelle): \$940,000

- Software
- Computer hardware and peripherals
- Portable public safety camera towers

NYS Division of Criminal Justice Services Technology Grant: 11.7M

- 10 year service for Body Cameras, Dash Cameras, related software and digital storage
- Drone Technology – replacing current foreign drones in use with patrol
- Drone as a First Responder Program
- License plate readers and public safety cameras
- Traffic Safety Initiatives



Sheriff's Commitment

- Audit Trails
- Financially Responsible
- Model Policy
- Supervisory Oversight
- Tracking Effectiveness
- Training
- Transparency