Miovision Opticom™

Emergency Vehicle Preemption

Delivering safer streets and safer cities for citizens and emergency responders.

Arriving on time while navigating busy city streets takes more than just skilled driving—it takes reliable technology and a trusted partner like Miovision.

Opticom EVP connects emergency vehicles with intersections to give emergency responders green lights, helping them arrive fast and safe.

Futureproof your infrastructure
No need to upgrade all at once, easily upgrade your legacy systems in phases at your own pace.

More than just an EVP solution
An investment in Miovision can deliver crucial traffic data to DOTs, traffic planners, traffic engineers and transit agencies to help solve traffic troubles in your city.

More deployment options to choose from
Transition directly to cloud or use a combination of optical, radio/GPS, or cloud-connected systems.

Trusted by 5,000+ Agencies
Opticom delivers reliable, best-in-class priority control.

When agencies want priority, they ask for Opticom

Mutual Aid
Upgrade to a cloud-based system while maintaining functionality of legacy priority equipment used for mutual aid.

Relative Priority
Rank priority based on the vehicle class to manage simultaneous intersection vehicle approach.

Incident Priority
Manage preemption based on incident priority allowing first responders to get to high priority calls.

25%* **Improvement in Response Times**

70%* **Reduction in Intersection Crashes**

5000* **Communities served, and counting.**

*Data on file.

MIOVISION

Upgrade with Ease

We offer distributed, hybrid, and cloud deployments. Your cities' system needs and preferences determine intersection and vehicle hardware requirements.

Opticom Solution for Public Safety

Intersection Hardware *(as required)*	
Legacy infrared and GPS/radio	Opticom infrared detectors, Opticom 3100/3101 intersection radios are compatible with an Opticom 764 phase selector.
Miovision Core	Traffic cabinet installed connected device that enables data collection from traffic controller and communication to the cloud – supports discrete, SDLC, and NTCIP communications.
Vehicle Hardware *(as required)*	
Legacy GPS/radio	Opticom 2100 vehicles radios are compatible to connect with a modem to support cloud connectivity while maintaining backward compatibility
Modems	Advanced Cradlepoint and Sierra Wireless modems provide cloud connectivity, with little or no additional hardware
Cloud	Whelen Cloud Platform and Samsara's integrated applications provide cloud connectivity, without additional field hardware required
Software Platform	
Miovision One	**With purchase of application only:** Access to the Opticom application within the Miovision One customer portal. **With purchase of application & Miovision Core:** Access to the Opticom application within the Miovision One customer portal, plus: *Intersection Monitoring:* Real time intersection telemetry, real time intersection alerts, access to live and recalled video. *ATSPM Workspace:* Signal Performance Metrics, including Approach Volumes, Approach Delay, Arrivals on Green/ Red, Occupancy Ratio, Pedestrian Delay, Phase Interval, Purdue Coordination Diagram, Split Failures and Split Trends (depending on the detection inputs available at the intersection.)
Reporting and Analytics	
System Monitoring	View system performance to ensure things are running smoothly.
Vehicle & Intersection Analytics	*COMING SOON* – Understand your busiest intersections at a glance, and view frequency and details of preemption requests..
Managed Services	
Deployment	Full service system deployment, commissioning, and project management.

Easy Deployment With Our Integrated Applications

We want to make it easier for you to deploy your Opticom system through third-party integrations, minimizing the need for additional hardware. Deployment can happen in weeks, not months, helping you focus on keeping your communities safer.

WHELEN®

samsara

cradlepoint

SIERRA WIRELESS IS NOW SEMTECH®

For more information, visit **help.miovision.com**,
email us at **support@miovision.com**, or call us NA Toll-free at **1-855-360-7752**

miovision