

# CANOGA™ | Traffic Sensing Solutions

Improve traffic management and safety



GLOBAL TRAFFIC TECHNOLOGIES

# A BETTER SENSE OF WHAT'S COMING DOWN THE ROAD



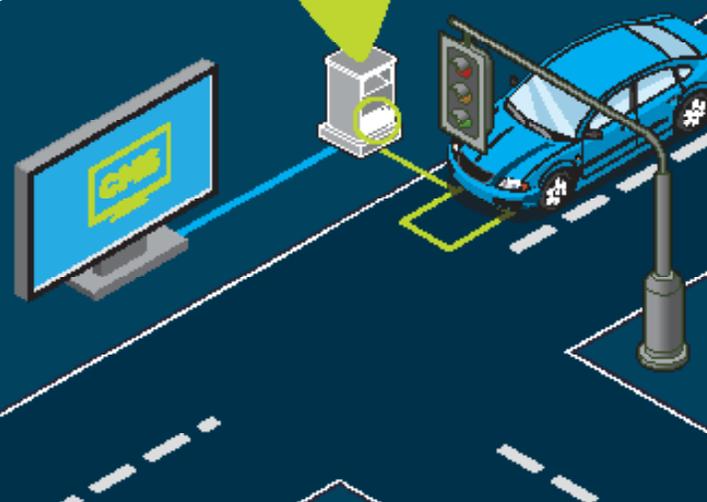
**The more you learn about the vehicles on your roads, the better you can manage them. Canoga Traffic Sensing captures precise, real-time traffic data, so you can make more informed decisions to keep traffic moving smoothly.**

There are more vehicles on our roadways than any other time in U.S. history, leading to gridlock, accidents, longer commutes and higher levels of pollution. Canoga™ sensors on arterial roads, intersections, parking lots, freeways and even bicycle lanes can help you monitor vehicle speed, classification, count and occupancy. The insights you gain empower you to better manage traffic congestion, road construction, traffic signal intervals, warning systems and more.



## Why Choose Canoga Traffic Sensing?

- ▶ Add speed, class and count to existing single loop detection installations
- ▶ Compatible with conventional inductive loops and Microloops™ for fast, easy replacement
- ▶ Ethernet for secure encrypted real-time communications from remote locations
- ▶ On-board display with key data to simplify installation and configurations
- ▶ Central management and maintenance



# MAKE SMARTER, FASTER TRAFFIC MANAGEMENT DECISIONS



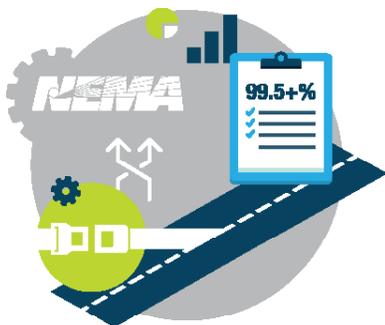
## **SPEED, CLASS AND COUNT IN A SINGLE LOOP\***

Only one system empowers you to capture real-time traffic flow with anywhere, anytime flexibility. Canoga™ Single-Loop technology provides you with a single-width four-channel card to replace existing detector cards in inductive loop systems at signalized intersections, on-ramps, freeways and other locations. This single “drop-in” solution adds speed, class and count to your existing single loop detection capabilities while also offering the rich feature set and high reliability that have made Canoga famous. You can also choose Canoga Microloops™ to greatly reduce or eliminate the on-going maintenance costs associated with conventional inductive loops.



## **ACCESS ESSENTIAL DATA IN REAL TIME**

Traffic ebbs, flows and sometimes stops completely. With Canoga Traffic Sensing, you can capture key information about vehicles or bicycles on your roads from a remote location to better understand how your city moves. Generate and analyze customized reports with Central Management Software (CMS) and develop strategies to mitigate traffic congestion while simplifying configuration and maintenance tasks. Data traffic between the intersection and CMS is also encrypted to prevent unauthorized access.



## **DELIVER EXCEPTIONAL PERFORMANCE**

With Canoga Traffic Sensing, you can curb congestion and improve safety for drivers every day. You can access critical vehicle and traffic information with best-in-class 99.5+% detection accuracy to manage traffic more reliably and economically — and enhance traffic reporting capabilities. The system is always working, so you can manage traffic more efficiently.

\*Patent Pending



## LIFE-SAVING PARTNERSHIP

Nearly 70% of fatal crashes occur at rural intersections. That's why GTT has partnered with the Toward Zero Deaths organization to use data-driven strategies and innovative driver warning systems to reduce traffic crashes, injuries and deaths on our roadways. Canoga™ Traffic Sensing is being used with 99.5+% accuracy to detect oncoming vehicles and warn at-risk drivers of approaching cross traffic.

Canoga Traffic Sensing can also be configured to measure speed and length to warn drivers that dangerous situations — such as curves and road closings — are approaching.



GLOBAL TRAFFIC TECHNOLOGIES

Global Traffic Technologies, LLC  
7800 Third Street N  
St. Paul, MN 55128-5441  
1-800-258-4610  
651-789-7333  
www.gtt.com

Global Traffic Technologies Canada, Inc.  
157 Adelaide Street West  
Suite 448  
Toronto, ON M5H 4E7  
Canada  
1-800-258-4610

## CHANGE THE WAY YOUR CITY MOVES

GTT empowers cities and helps them solve their most critical traffic problems. With innovative technologies like Canoga Traffic Sensing solutions, you can be better informed, better-equipped and more in control.

Traffic engineers can readily access new information that helps them minimize traffic flow disruptions. Drivers are given real-time messages and warnings to improve safety. And, you can use critical information about the number and types of vehicles on your roads to develop and implement efficient and affordable traffic management plans for your community.

GTT solves the most pressing traffic challenges for cities of all sizes; from towns of thousands to megacities of millions, in countries around the world. GTT is ready to help your city, too.

### For more information:

Visit: [www.gtt.com/contact](http://www.gtt.com/contact)

Call: **800.258.4610**