# Connect.
# Comprehend.

## 2018 Transportation Engineering and Safety Conference

## 12/07/18

www.appinfoinc.com

applied
INFORMATION

We Make Transportation Technology **Easier.**

# What We Do

- Make transportation products easier to use, deploy and maintain
- Provide information from the field easily and economically
- Harden field devices
- Affordable wireless telematics
- Cloud-based software

applied INFORMATION

EASIER TO:

# Deploy & Maintain

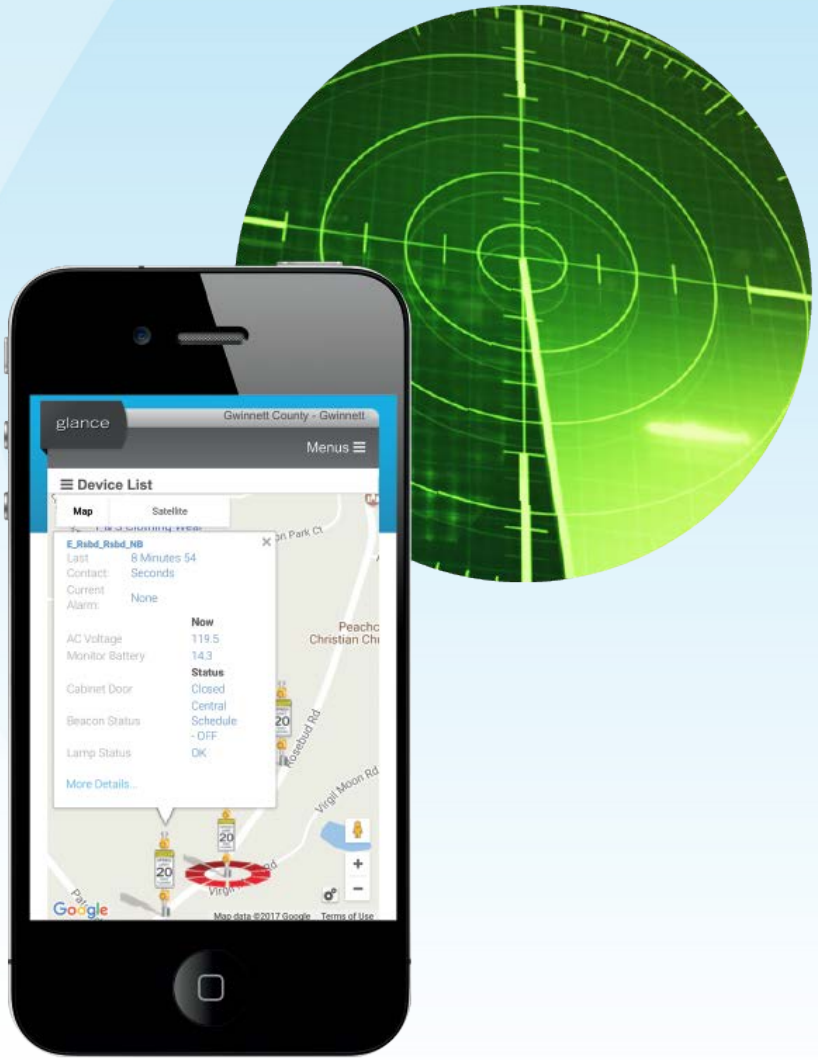
- Cloud-Based Solution
- Built-In Cell Modems
- Over-the-air Updates

applied INFORMATION

EASIER TO:

# Monitor Your Assets

- Automated Alerts
- Remote Access
- Automated Reports



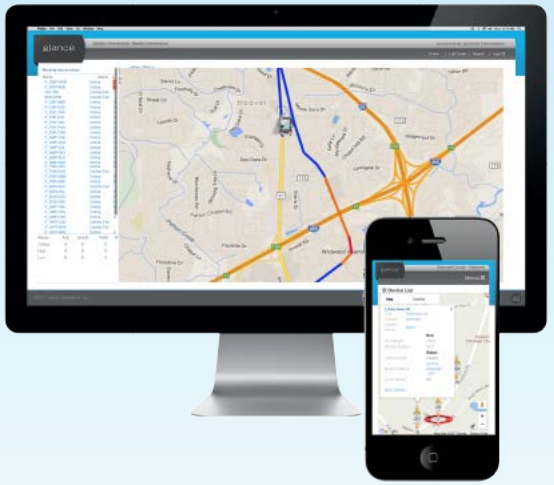

applied INFORMATION

# Our Approach

## HARDWARE

*AI Field Devices*

Applied Information combines hardware and software into solutions that are simple to use and easy to install.



## SOFTWARE

*Glance*

applied INFORMATION

# How it Works

**Field Equipment**

**Glance Software**

**Your Device**

Adding an AI Field Device to your equipment allows you to use your mobile devices to view, maintain and monitor the equipment in Glance.

applied INFORMATION

# Core Product Lines

**Preemption & Priority**

**Connected Signal Controllers**

**Connected School Beacons**

**Glance TravelSafely**

applied INFORMATION

PRODUCTS

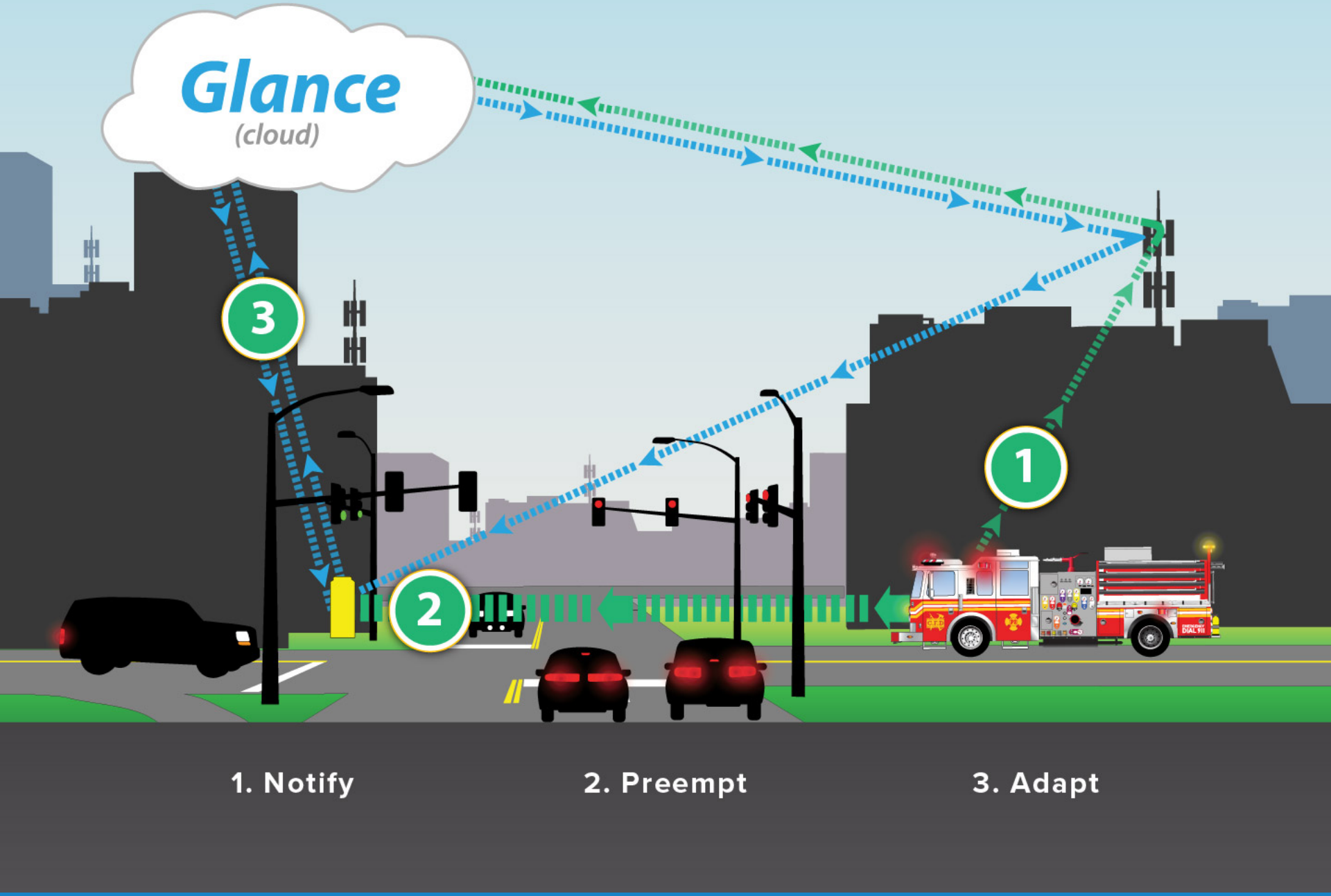
# Emergency Vehicle Preemption Systems

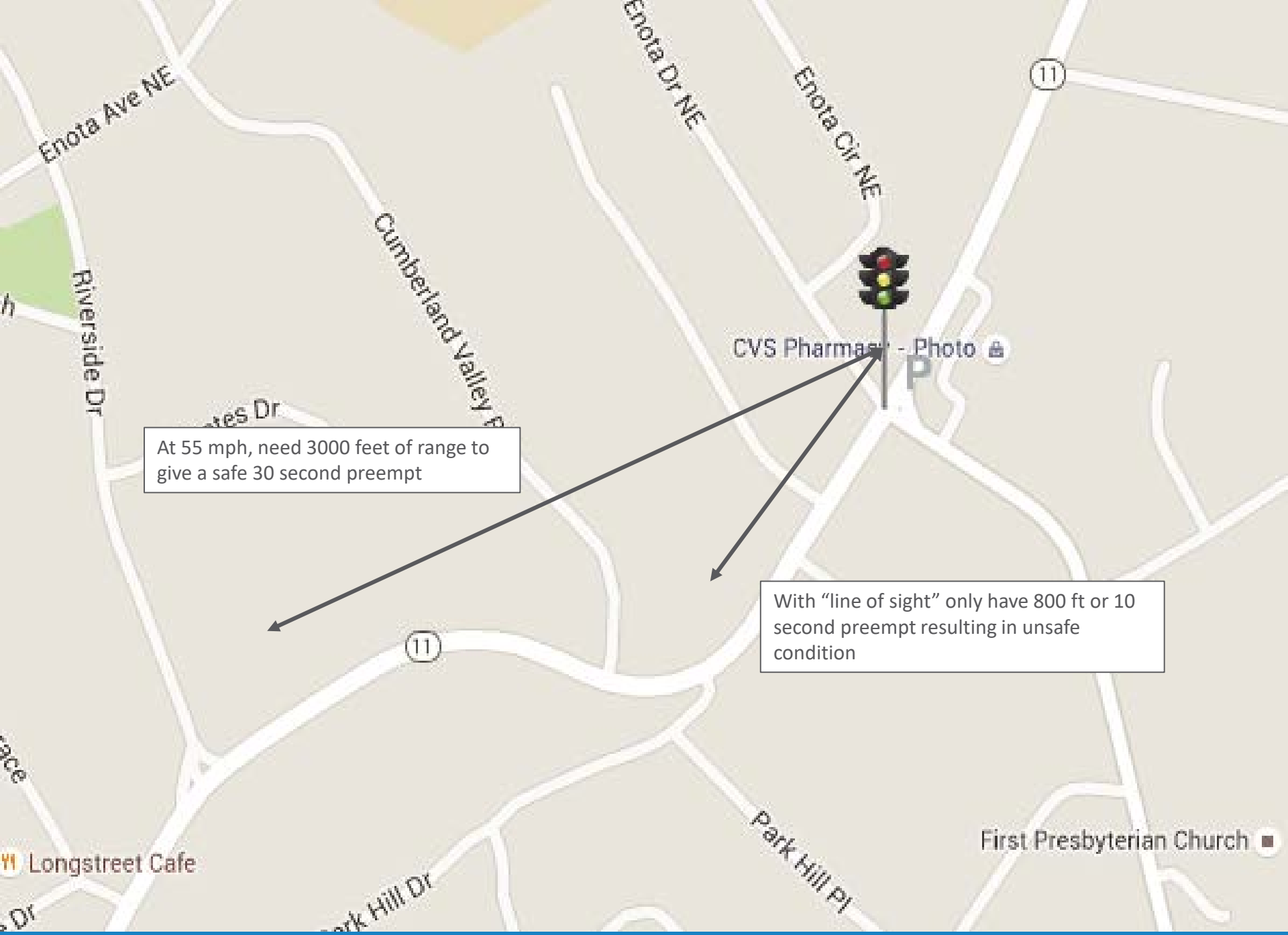
EMERGENCY VEHICLE PREEMPTION SYSTEM

# Improve Safety & Expedite Response Times

- Preemptive green lights to emergency vehicles
- Green to Scene™
- 900MHz radio and cell
- Easy to install
- Works with connected vehicle technology

applied INFORMATION


Glance
(cloud)
3
2
1
1. Notify
2. Preempt
3. Adapt


Enota Ave NE
Enota Dr NE
Enota Cir NE
11
Riverside Dr
Cumberland Valley
CVS Pharmacy - Photo
P
At 55 mph, need 3000 feet of range to give a safe 30 second preempt
With “line of sight” only have 800 ft or 10 second preempt resulting in unsafe condition
11
Longstreet Cafe
Park Hill Dr
Park Hill Pl
First Presbyterian Church

PRODUCTS

# Connected Traffic Cabinet System

CONNECTED TRAFFIC CABINET SYSTEM

# Connect Your Signal Controllers

- Wirelessly monitor, and maintain your controller
- Stream live video
- Remotely cycle power
- Receive instant alerts
- Easy to install
- Eliminate unnecessary maintenance tips

applied INFORMATION

CONNECTED TRAFFIC CABINET SYSTEM

# Monitoring and maintenance made easy

REMOTELY MONITOR:

- AC Voltage
- Preemption Status
- Time Synchronization
- Battery Status
- Signal Flash
- Door Status
- Fan Status
- Temperature & Humidity

*The AI-500-085 Field Monitoring Unit powers the cabinet monitoring system. The hardware is installed in the cabinet and creates a cellular connection to Glance.*

applied INFORMATION

PRODUCTS

# Connected School Beacon System

CONNECTED SCHOOL BEACON SYSTEM

# Stay Connected, Stay Informed

- Wirelessly monitor, and control your flashing beacons
- Remotely change schedules
- Lamp Failure Alerts
- Easy to install
- Monitor AC Voltage, solar and battery back-ups

applied INFORMATION

CONNECTED SCHOOL BEACON SYSTEM

# Never Waste a Drive

- System includes cellular modem, data plan, Glance software, complete warranty
- Easily retrofits into existing beacon hardware
- Reduce downtime and improve response times

*"The beacons from the Applied Information team have modernized the county's school zone flashing beacon system. The result has been a 90% reduction in the number of calls related to the operation of school zone beacons due to improved communication with each beacon."*

*- Tom Sever, Gwinnett County DOT*

PRODUCTS

# Glance TravelSafely™

GLANCE TRAVELSAFELY

# Revolutionize Traffic in Your City

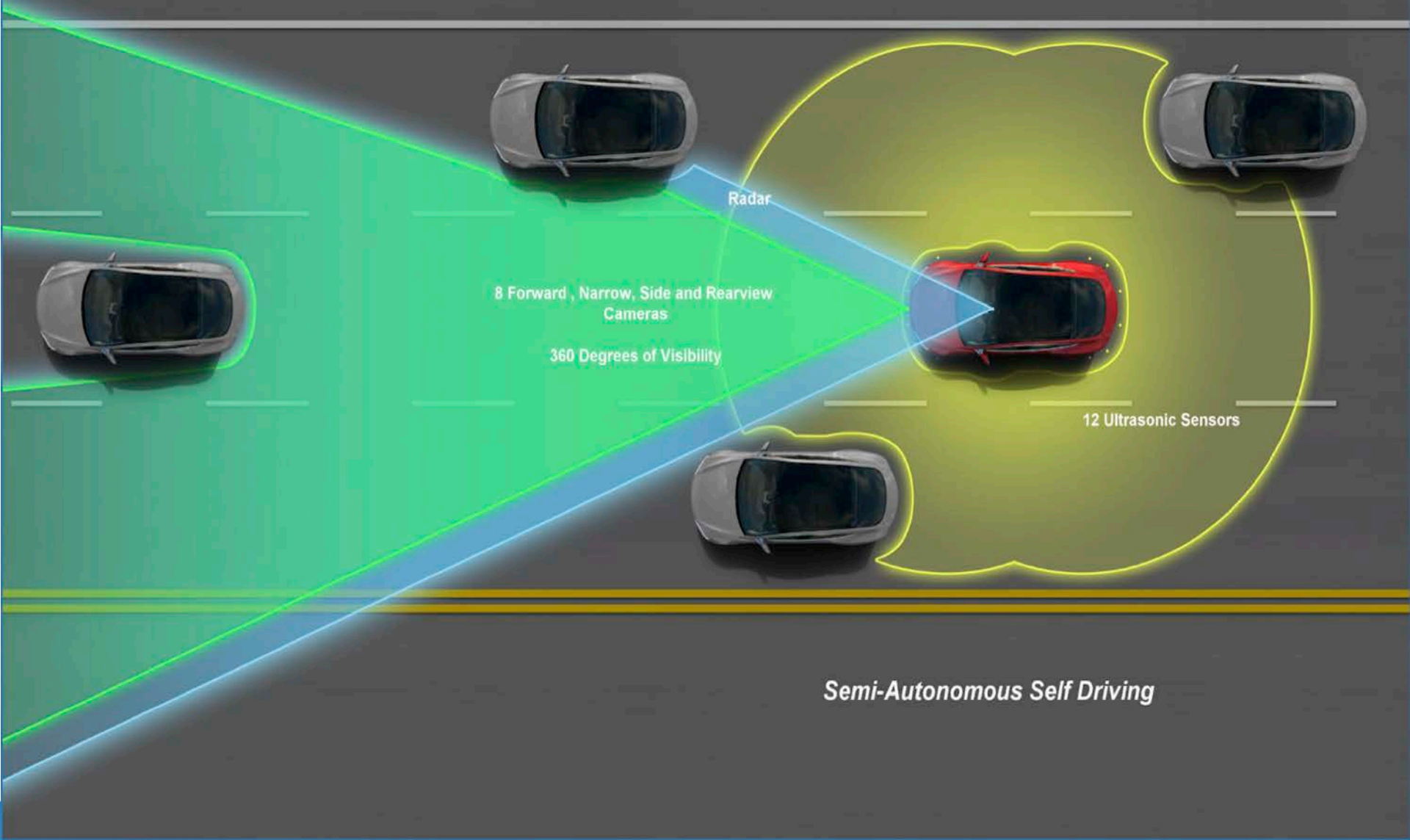
GLANCE TRAVELSAFELY™

- The promise of connected vehicles is now a reality
- Connects citizens to your smart city technology
- Connects vehicle to vehicle through the TravelSafely App

applied INFORMATION

GLANCE TRAVELSAFELY

# Tesla Autonomous Driving Experience



Traffic Signals
School Beacons
Cyclists and Pedestrians
Travelsafely™ App
Emergency Vehicles

The Complete

# SMART CITY

Solution

GLANCE SMART CITY SUPERVISORY SYSTEM™

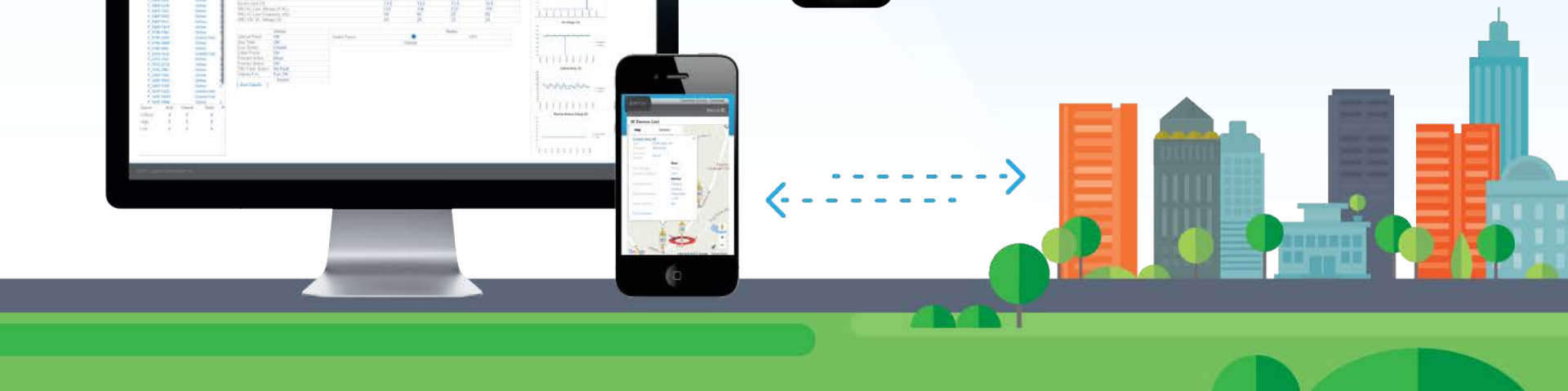
# Connect and monitor all your devices

School Beacons
Signal Controllers
Preemptions

Pedestrian Safety
Performance Measures
Connected Vehicles

Mobile Video
Parking Guidance
Loadswitch

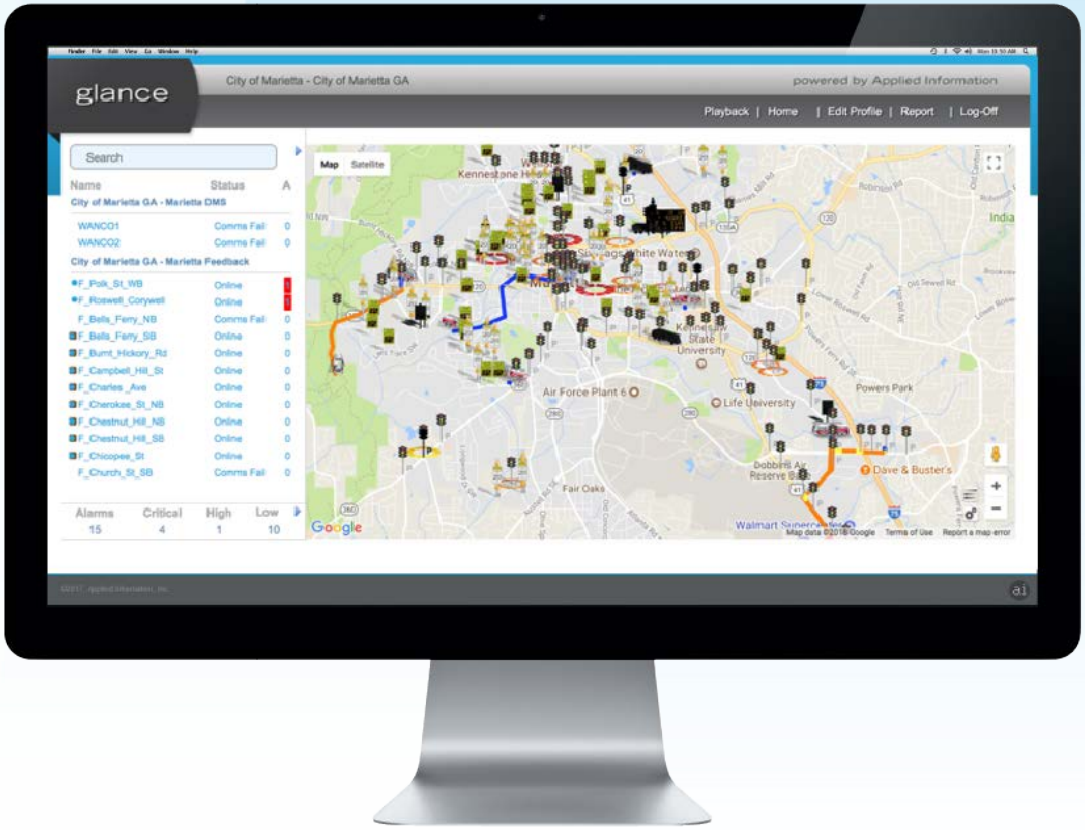
GLANCE TRAVELSAFELY™



GLANCE SMART CITY SUPERVISORY SYSTEM™

# Revolutionize Traffic in Your City

- View all your ITS devices at a Glance
- Completely Cloud-based solution
- Seamless integration with TravelSafely
- Unparalleled reporting options and features
- Reduces overall maintenance costs




applied INFORMATION

# Connect.
# Comprehend.

Jeff Wilson

Business Development Manager East Coast

Phone: 518-847-9901

Email: jwilson@appinfoinc.com

www.appinfoinc.com