GLANCE
TravelSafely™

Harness the power of connected vehicle technology to make your city smarter, and your citizens safer.

Glance TravelSafely™ is a new smartphone application, developed by Applied Information, that uses cutting edge technology to make the promise of connected vehicles a reality.

The app leverages the Applied Information Glance Smart City Supervisory System™ and connects your intersections, school beacons, emergency vehicles and more.

Motorists are made aware of aware of vulnerable road users, emergency vehicles, school zones through notifications and audible alerts. Your citizens will love having a real-time view of when a traffic light will change.

Features
- ✔ Bring "smart city" technology to your city
- ✔ Tremendous community benefit
- ✔ Protect Vulnerable Road Users (VRU's)
- ✔ Reduce maintenance costs
- ✔ Free app for public use
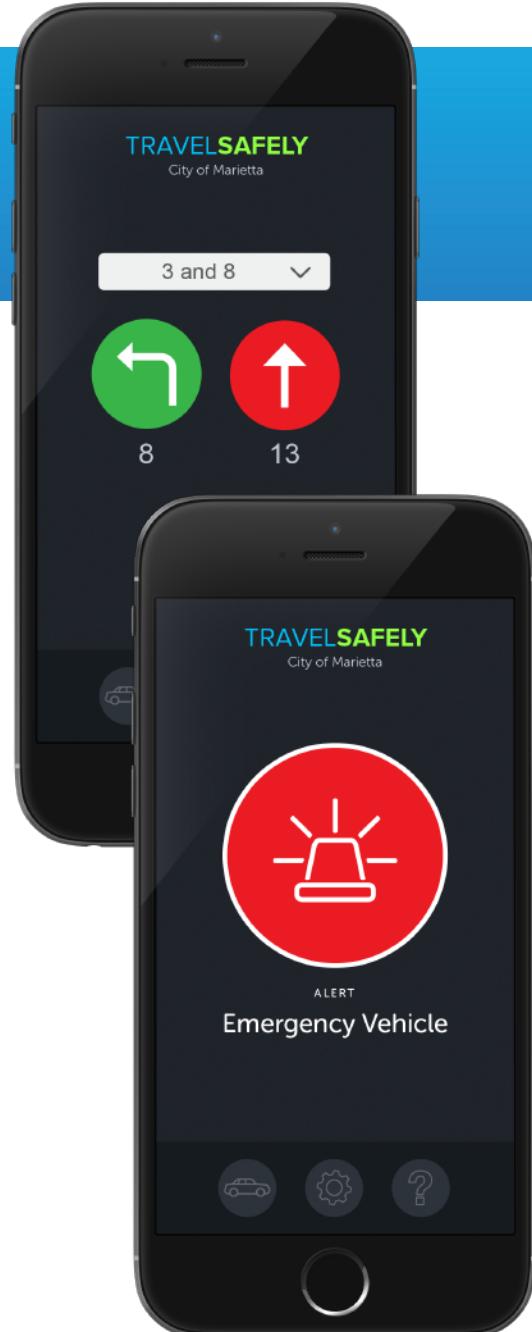
Glance TravelSafely™ and the Glance Smart City Supervisory System™ will lower your maintenance costs while at the same time making your roads safer for motorists and pedestrians.

TravelSafely
Connected Vehicle Message Flow
Rev 1

BSM = Basic Safety Messages (vehicles)
PSM = Personal Safety Message (cyclists and pedestrians)
SPAT = Signal Phase and Timing Messages
MAP = Geometry Message
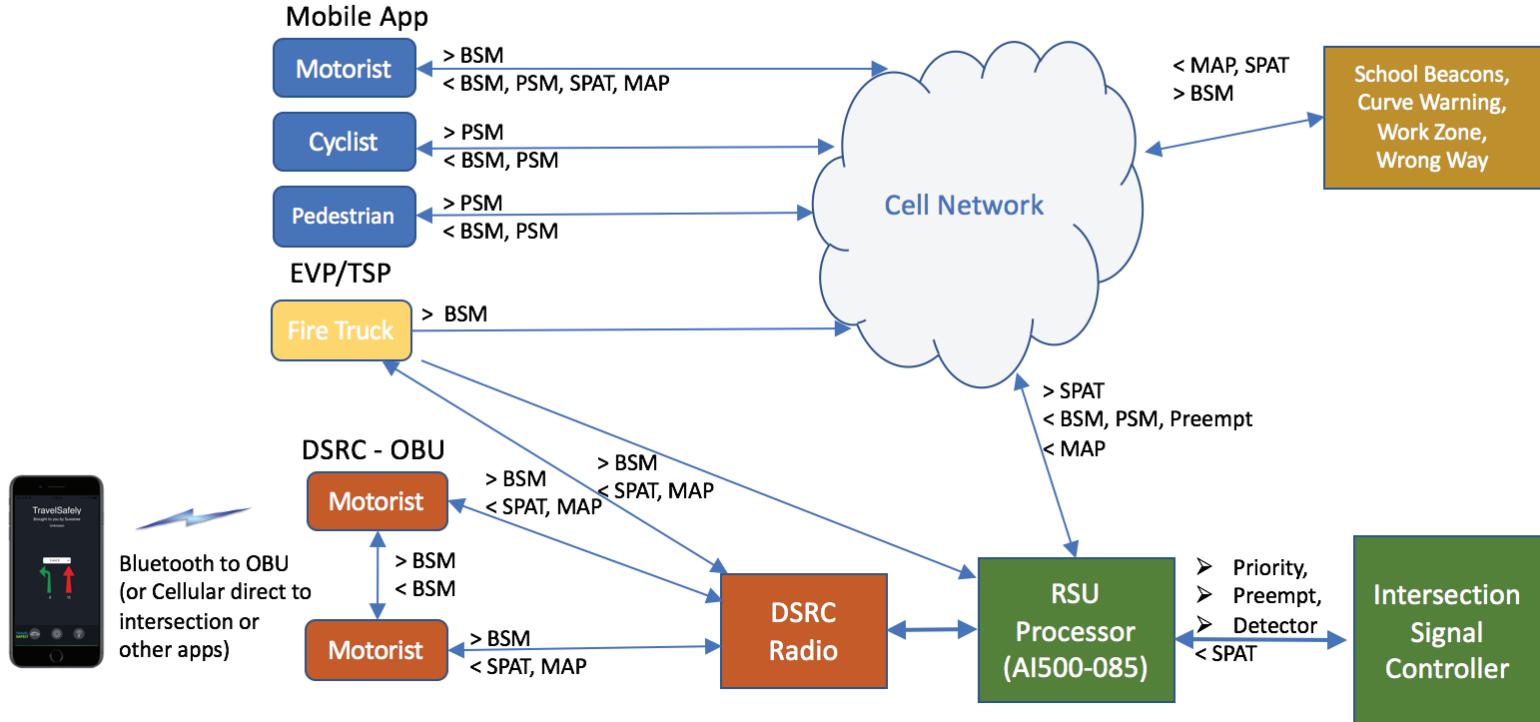
TravelSafely is a new connected vehicle technology that interfaces with traffic signal controllers and send the information to motorist via Dedicated Short Rage Radios (DSRC) and cellular communications. The system comprises of an RSU processor (AI-500-085) that interfaces to the traffic signal controller and receives Signal Phase and Timing (SPaT) messages. The RSU processor transmits these messages to the DSRC radios and via the cellular network to the TravelSafely Server. The motorist receive infomration via the TravelSafely application in their vehicle either directly over the cellular network or connected via bluetooth to the DSRC On-Board-Unit (OBU).

TravelSafely Applications

1) SPaT/MAP display of signal timing
2) Emergency vehicle getting through the signal
3) Where is the emergency vehicle coming from?
4) Motorist – Cyclist communication
5) Motorist – Pedestrian communication
6) Rear end collision warning
7) Virtual/advance traffic detectors to make signals work better
8) Red-light running at traffic signals
9) Intelligent school beacons
10) Curve warning/reduce speed
11) Wrong way detection
12) Bus/transit priority