



applied
INFORMATION

Save lives

Improve Traffic

Drive Commerce

Smart Cities

How do we make transportation **technology easier to deploy and maintain?**



applied
INFORMATION

Make Things Easier...

How do we make transportation **technology easier** to **deploy** and **Maintain** ?



- Cloud & Web based software
- No software required for Cities



- Devices that self locate themselves
- Build in Cell Modem & GPS



- Automatic configuration (no IP address)
- Synchronized with Central

Make Things Easier...

Smart City Supervisory System that **monitor** Cities **Assets**



- Automated Alerts when fault detected
- AC failure, Flash, Battery Failed, etc



- Control & Configure Devices Remotely
- Know the problem before you leave



- Key Performance Indicators
- Automated Reports

What do we do?

Turn **data** into **information**



Wired, wireless, or cellular
Know the status of your devices
Right information at the right time

glance

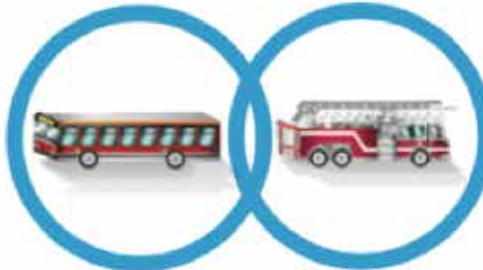
Cloud based
Key performance indicators
Report and analyze information



Intersections



Pedestrian Safety



Priority & Preemption



Mobile



ITS Management

Your Smart City just got smarter.

Connected Vehicle
& Smart City Solutions





GLANCE
TRAVELSAFELY™

How TravelSafely Works

TravelSafely™ uses cutting edge technology to connect your phone to a network of traffic intersections, school beacons, motorists, cyclists and pedestrians.



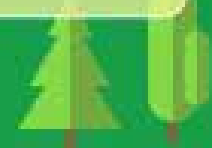
TRAFFIC SIGNALS

Drivers can see when traffic lights will change



SCHOOL BEACONS

Drivers are alerted when they are speeding in a school zone



An infographic of a city street scene. A dark grey road with white dashed lines runs vertically. On the left side of the road, there is a tall orange building with many windows, a green tree, and a blue circular icon with a white dot. On the right side, there are two buildings, one pink and one orange, and a blue car icon. A green speech bubble points from the car to a text box. Another green speech bubble points from the blue circular icon to a text box. A third green speech bubble points from the car to a text box. The background is a solid green color.

TRAVELSAFELY™ APP

Citizens using the TravelSafely app are seamlessly connected to your city and other motorists using the app.

The app uses audible warnings to alert you to potentially dangerous road conditions. By utilizing spoken alerts, TravelSafely allows you to focus on the road and receive alerts while using your favorite mapping app.

EMERGENCY VEHICLES

Motorists are alerted to emergency vehicles miles ahead of the actual arrival

CYCLISTS & PEDESTRIANS

Cyclists and other Vulnerable Road Users are alerted of speeding vehicles

Renew Atlanta Connected Vehicle Tech

- . **AI & Temple:**
- . 46 Traffic Intersections with SPaT information
- . 5 School Zone Beacons
- . 9 Pedestrian Crossing Beacons
- . 24 DSRC Radios
- . Also deployed with the project:
- . 24 Surtrac Adaptive Signals
- . 24 Signals with advanced cameras
- . Repainted roadways for autonomous vehicles

Renew Atlanta Connected Vehicle Tech

- **Renew ATL Video Explanation**
- Technologies deployed
- TravelSafely applications deployed along the corridor.

Why Install Connected Vehicle Tech

- . **Bill Bruton (City of Marietta)**
- . “Either we had to build more fire stations or use technology to improve response times”
- . For the cost of 1 fires station the city could equip the entire city with smart signal technology to provide green lights in emergency situations.
- . NHTSA believes that the technology could save 592,000 crashes and 1,083 lives
- . “Get Ready for Green” could improve throughput by 5-10%