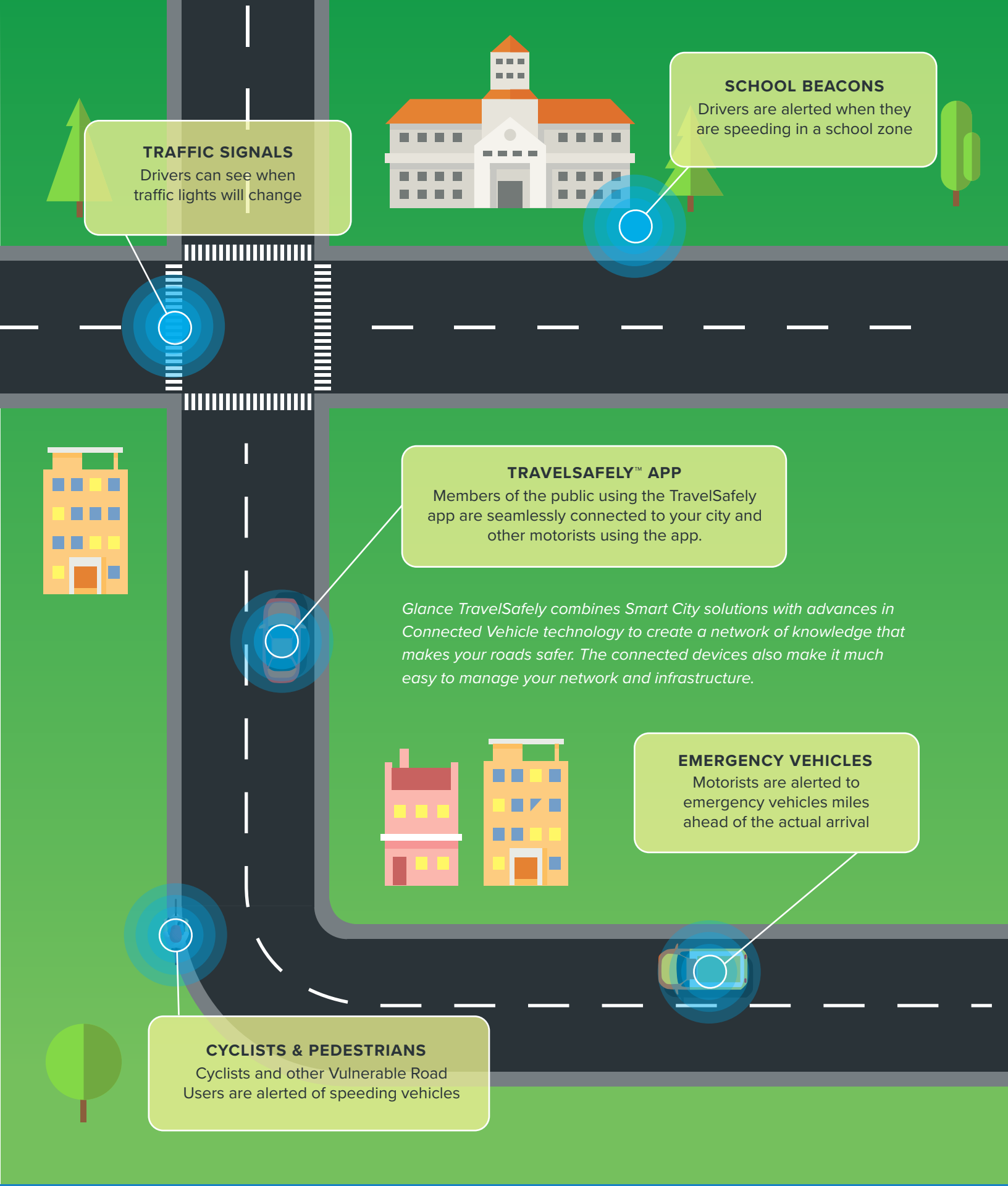
GLANCE
TRAVELSAFELY™

Connected Vehicle & Smart City Solutions

POWERED BY APPLIED INFORMATION



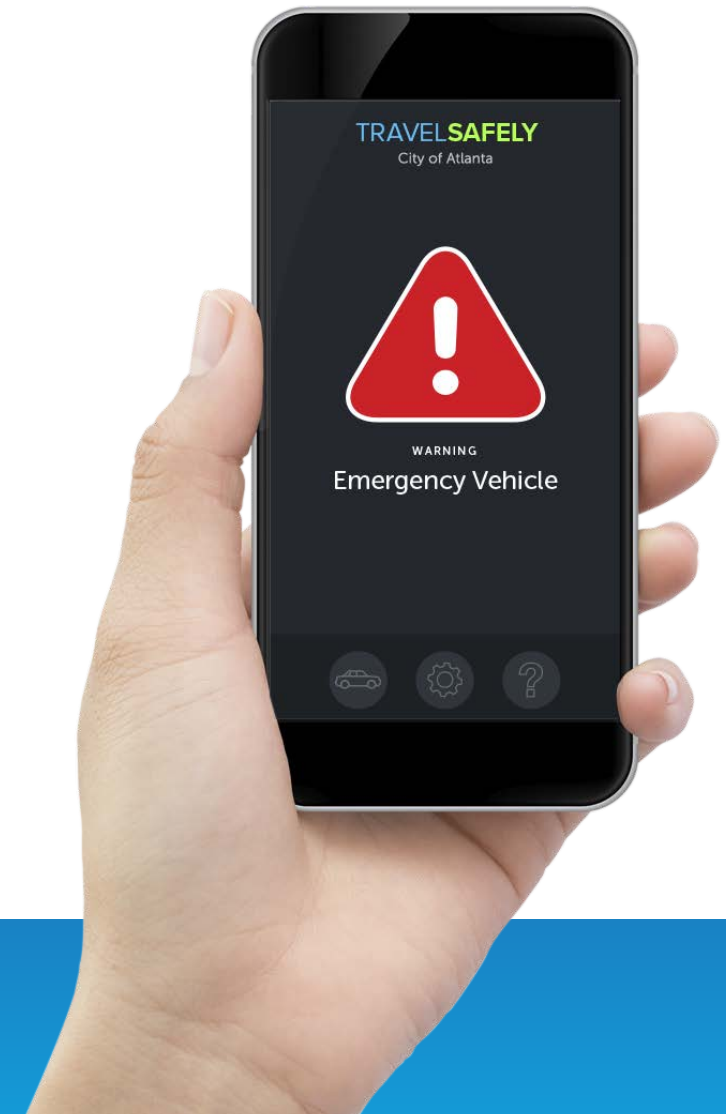
Contact Applied Information to learn more: www.appinfoinc.com | 678.830.2170

TravelSafely™ saves lives and improves traffic. The future is now. Bring this revolutionary, and life-saving technology to your city.

GLANCE TRAVELSAFELY™

Revolutionize Traffic in Your City.

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



Leverage Smart City Technology

The Applied Information Glance Smart City Supervisory System™ connects your intersections, school beacons, and emergency vehicles to form a cohesive, connected system.

Traffic Signal

Glance will connect your intersection cabinets so you can remotely control and monitor traffic lights.

Preemption Systems

Our cellular based preemption systems helps emergency responders arrive safe with ground-breaking technology.

School Beacons

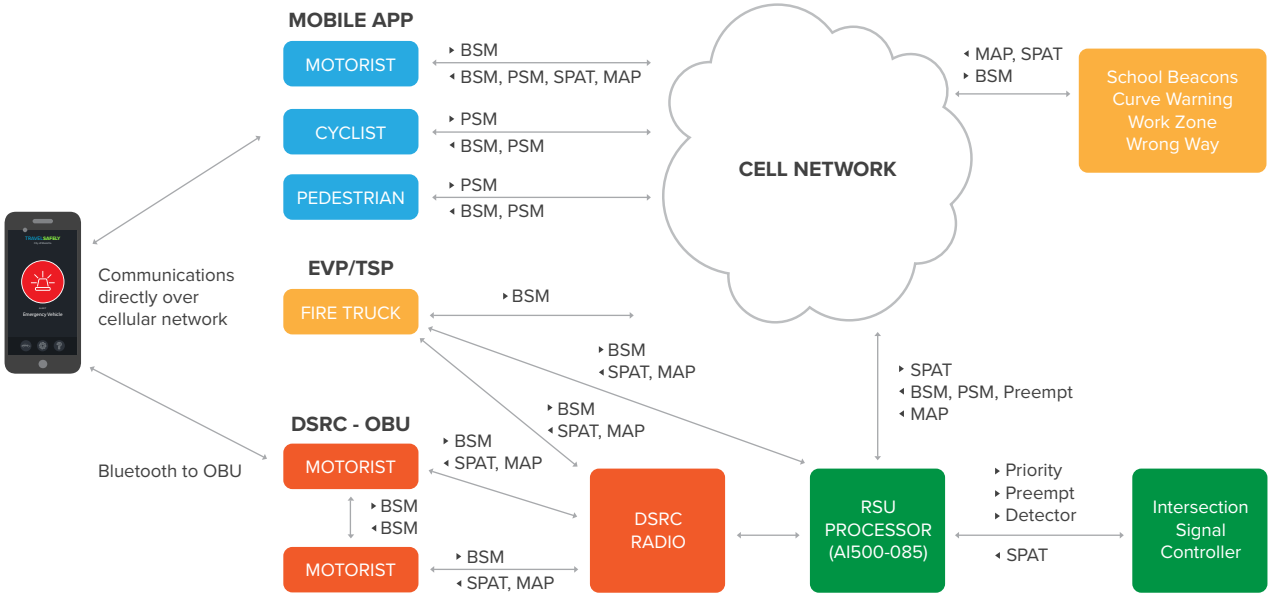
Remotely update timing plans and diagnose failures with Glance.

Get Connected. Save Lives. Improve Traffic.

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
8. Red-light running at traffic signals
9. Intelligent school beacons
10. Curve warning/reduce speed
11. Pedestrian crossing detection
12. Bus/transit priority

Connected Vehicle Message Flow



BSM = Basic Safety Message (vehicles) | PSM = Personal Safety Message (cyclists & pedestrians)
SPAT = Signal Phase and Timing Messages | MAP = Geometry Message

TravelSafely is a new connected vehicle technology that interfaces with traffic signal controllers and sends the information to motorist via Dedicated Short Range Radios (DSRC) and cellular communications. The TravelSafely application works with cellular communications only, DSRC only or both technologies together. 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 receives information via the TravelSafely application in their vehicle either directly over the cellular network or connected via bluetooth to the DSRC On-Board-Unit (OBU).

applied INFORMATION

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