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INFORMATION



Transit Signal Priority System

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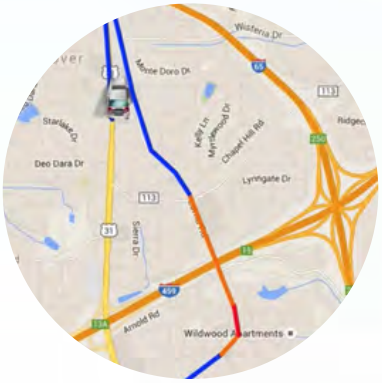
GIVE TRANSIT THE GREEN LIGHT

The Glance Transit Signal Priority (TSP) system reduces transit delays and improves service by proactively helping buses maintain their schedule. The system works by giving transit signal priority to buses that are experiencing a delay, so they experience fewer stops.

Stay on Track with Transit Signal Priority

It's a proven fact that the reliability of a transit system's schedule has a direct effect on ridership. When commuters trust that the bus will be on time, they choose transit. The Glance Transit Signal Priority system combines groundbreaking hardware and software into a seamless solution that gets buses where they need to be – on time, every time.

- The TSP system uses innovative V2I technology to connect your buses and intersections, so they dynamically communicate with one another to adjust signal patterns.
- The software leverages both 900Mhz radio and cellular communication, so transit vehicles can broadcast their status with no line of sight requirements.
- The TSP system is easy to install and connects your intersections to Glance, a web-based central system that allows you to remotely monitor and maintain traffic cabinets.









"Customer perceptions of transit service quality are affected by waiting time, and in particular by uncertainty in time spent waiting. ***When vehicles conform to a schedule, passengers are better able to coordinate their arrivals with those of the bus."***

- State of Florida Department of Transportation

Save time. Save lives. Get connected.

EXPERIENCE THE GLANCE SYSTEM

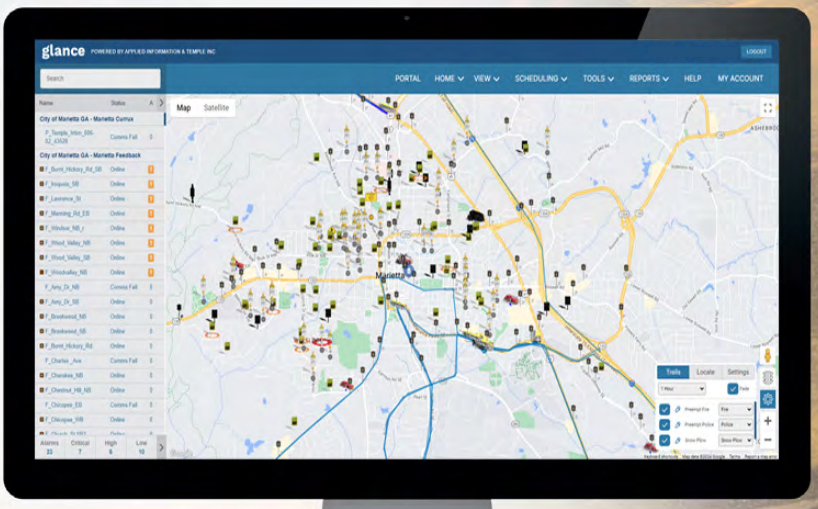
Increase Ridership
Studies have shown that schedule reliability is a critical factor that drives overall ridership. A transit system that is reliably on time will see increased usage.

Happier Commuters
TSP offers an affordable way to provide citizens with a tangible benefit that has a direct effect on their day-to-day life.

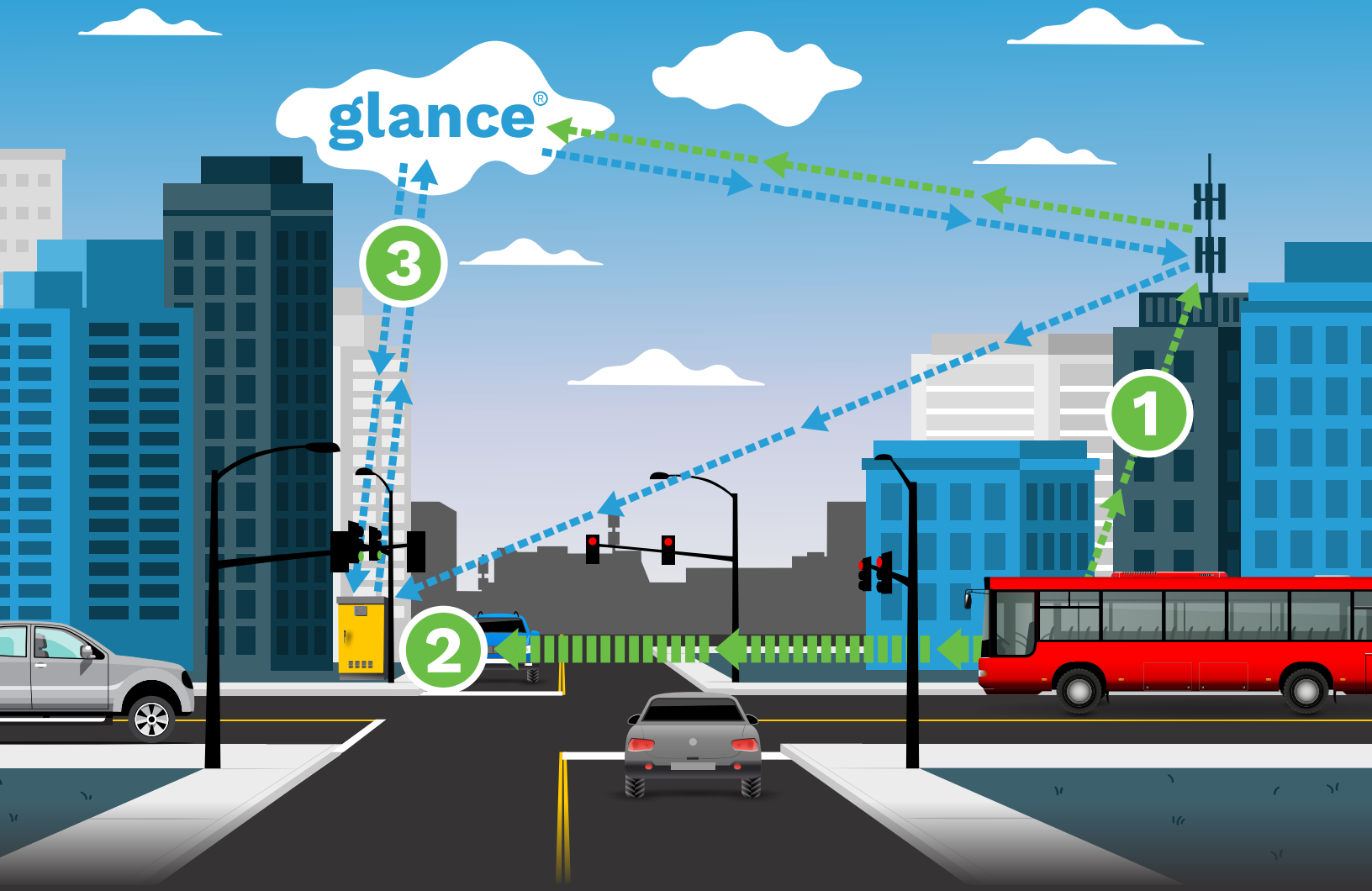
Future Proof
Adding cellular connectivity to your intersections allows for over-the-air updates and opens a new world of possibilities, including remote front panel access and emergency vehicle preemption.

Easy to Install
The TSP system is easy to install and maintain. Glance hardware retrofits into existing cabinets and self-locates for quick set-up.

Reduce Emissions
Bus systems that use the TSP spend less time idling at traffic signals and emit less pollution. TSP is a simple way to reduce the overall carbon footprint of your city.



Glance allows you to view the location, speed, and status of every bus in your system. Routes that fall behind are dynamically given signal priority so they can get back on track.



1. Notify

The moment a route starts, the in-vehicle unit uses a cellular signal to alert Glance of the priority call.

2. Priority

Glance processes the route and communicates wirelessly with the traffic cabinet to clear traffic ahead of the vehicle's arrival.

3. Adapt

Glance monitors route progress in real time and dynamically adapts priority requests as the situation changes.

Powering the Smart City

Applied Information seamlessly links all your wired, wireless and cellular ITS devices. The Glance Smart City Supervisory platform connects intersection controllers, preemption systems, school beacons, road signage, live video and more into a single, easy-to-use web-based application. Partner with Applied Information and let our team of experts connect your organization so your transportation system can save lives, improve traffic and drive commerce.

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