

✦ Building your Smart Cities ecosystem starts with Traction™

Traction Priority is a next generation signal priority solution that helps public and private entities move people and goods through the roadway network—safely, securely, and without added field infrastructure.

PRIORITIZE THE MOVEMENT OF PEOPLE AND GOODS EFFICIENTLY AND SAFELY

In emergencies, every second matters. In mass transit, smooth traffic improves safety and reliability. Agencies need solutions that deliver optimal performance with advanced safety and security measures.

Traction Priority gets priority vehicles through intersections efficiently, reducing travel time and improving safety for everyone.

Traction Priority applies to any mode of transportation, including:



Emergency Vehicles



Transit Vehicles



Freight Vehicles



Bicycles



Pedestrian Traffic

Flexible and scalable

Traction Priority operates in parallel with an agency's Advanced Traffic Management System using industry-standard protocols.

Traction Priority runs safely and securely in the Microsoft Azure cloud computing platform—which allows agencies to scale priority operations to tens of thousands of fleet vehicles and thousands of traffic signals with minimum effort and cost, even across multiple agency jurisdictions.

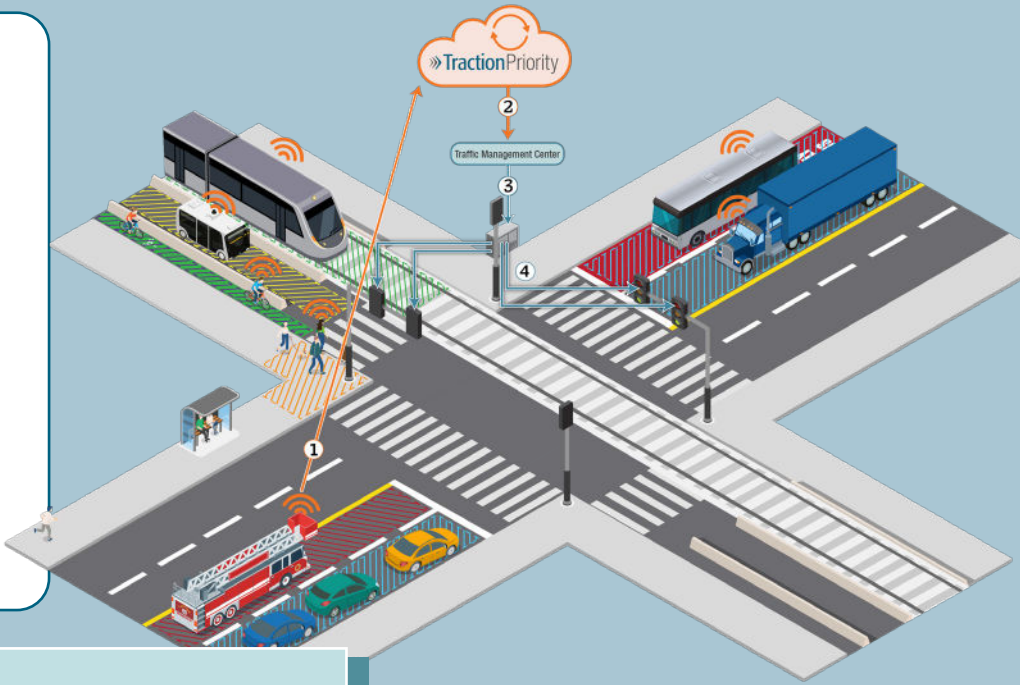


HOW IT WORKS

- 1 Vehicle enters a virtual detection zone
- 2 Traction Priority issues a command to the signal controller based on vehicle type
- 3 Signal controller initiates priority action (preempt, priority, bike min, ped call)
- 4 Traffic light stays green for vehicle to pass through intersection


Virtual
Detection Zone


Sending Location/Trajectory
Receiving Real-Time Feedback



A smart solution designed with you in mind



LOW MAINTENANCE

Cloud-hosted software eliminates agency effort to update and upgrade the system. World-class support service from dedicated staff.

- ◆ Minimal recurring costs
- ◆ No on-premise server hardware
- ◆ Expert and dedicated support services



OPTIMAL PERFORMANCE

Powered by the cloud for more robust capabilities.

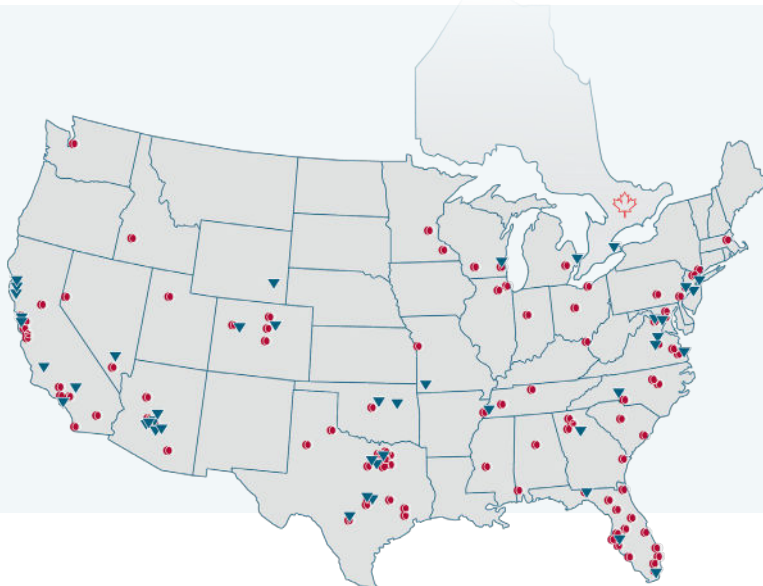
- ◆ Manage and monitor signal and fleet performance anytime, anywhere with machine learning
- ◆ Cost-effective scalability across large metro areas
- ◆ Leverages the Microsoft Azure cloud computing platform



FAST AND EASY IMPLEMENTATION

Utilizes existing infrastructure and standards, creating ease and security.

- ◆ No outside equipment required
- ◆ NTCIP standards-based
- ◆ Support for all traffic signal controllers
- ◆ Secure implementation using the Azure platform
- ◆ Hassle-free installation



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