



Case Study: All Traffic Solutions Unswerving Focus Solidifies Traffic Safety

The Challenge

Providing machine-to-machine (M2M) wireless connectivity to deliver vital traffic information to local municipalities and their motorists to improve traffic safety.

The Solution

Web-based, wireless-enabled, intelligent traffic signs — including radar speed display signs and variable message signs powered by KORE.

The Results

Municipalities around the world can receive vital traffic and safety information to better manage traffic flow, implement new DOT programs, improve driver and pedestrian safety, as well as reduce traffic congestion by:

- Using necessary hardware to collect additional valuable onsite data that can be analyzed and acted upon.
- Creating benchmarks for traffic trends and safety standards.
- Reducing latency for more accurate results.
- Increasing information flow through a variety of sensors available for data collection (tampering, cameras, speed, traffic patterns, etc.).



Background

Information is vital for improving the timeliness, accuracy, completeness, uniformity, integration, and accessibility of the traffic data for safety purposes at private, local, state, and national levels. Most agencies are using these types of devices around their communities; however, much of the data needed to enhance safety and improve traffic flows is lost because the cost of measuring, collecting and managing this information using conventional methods is prohibitive.



“Utilizing KORE services to standardize our global cellular connectivity is an important element in helping us to deliver consistent quality of service around the world.”

**– Scott Johnson
CEO, All Traffic Solutions**

Solution Overview

That’s where All Traffic Solutions steps in and delivers traffic safety signs anywhere in the world, installed with a communication device configured to communicate across cellular wireless networks, so agencies can decide at a moment’s notice whether or not to use the device to also monitor other vital information about the area surrounding the device.

Traffic data therefore becomes the basis for defining, managing, and evaluating traffic safety activities and performance as well

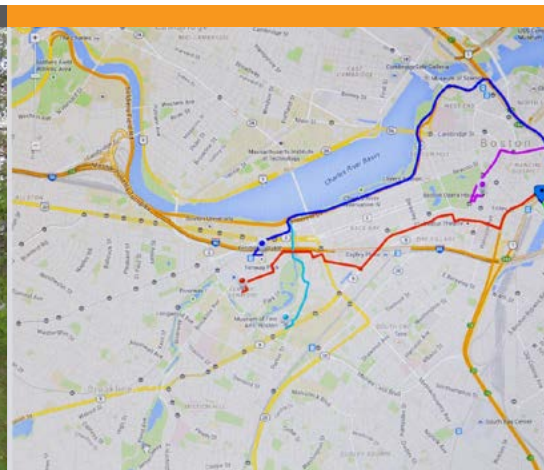
as creating benchmarks for each city to determine appropriate precautionary measures to enforce due to specific conditions and resulting actions may be applied automatically when they are observed.

Capturing and communicating this information can become invaluable to municipalities and ultimately save lives. Without a single source for global connectivity, the cost to manufacture and deploy devices that are local carrier-specific would be prohibitive and the process time consuming. Both the economics involved and the need for simplicity are the reasons a “program once and deploy universally” solution has widespread appeal.

As a global manufacturer, All Traffic Solution’s partnership with KORE gives them global wireless connectivity through cellular networks, delivering nearly 100% coverage through a single source. Whether the devices are deployed in North America, Australia, South America or anywhere else in the world, KORE delivers the mission critical data in real time — every time.



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Key Results

With multi-national customers using web-based interfaces, All Traffic Solutions delivers global access to local traffic data in real-time. The data and statistics collected by these devices are what helps customers determine safety benchmarks, traffic pattern flows and ultimately change the flow of traffic in a city for the better. And by coordinating with KORE, All Traffic Solutions is able to manufacture every device they deploy with wireless connectivity, knowing that global services are available and can be implemented quickly and easily when requested by their customers. This single source solution allows municipalities to take advantage of the wireless connectivity without having to order different equipment. Since every device is installed with this capability, they have the opportunity to decide to use it or not.

All Traffic Solutions Delivers

- A full suite of traffic safety and communication devices
- Preconfigured hardware devices with cellular communication capability
- Simple, web-based software tools for managing all traffic equipment and information
- Reduced overhead costs by aggregating global wireless coverage through a single source

KORE Delivers

- 100% true global coverage
- IoT expertise and strong service delivery track record
- Dual VPN connections for its network-to-customer premise with auto failover for performance and reliability
- Two, fully geo-redundant data centers powered by Cisco with automatic failover and self-healing capabilities
- Multiple, redundant connections to the largest cellular and satellite carriers worldwide



Real-time Access to
Mission Critical Data



Quick and Easy
Implementation



Global Wireless Connectivity
through Cellular Networks



Make Your Own Plan Tailored
to your Needs



About KORE

KORE provides the people, expertise and technology to support the many visions of the IoT, from the Inspiration of Things to the Innovation of Things to the Internet of Things. Founded in 2003, KORE quickly rose to become the world's largest managed network services provider specializing in Internet of Things (IoT) and Machine to Machine (M2M) communications. Today, KORE is a global leader in software service and platforms that power the IoT, with millions of active on-network units. KORE is the brand powering other leading brands, including some of the world's largest enterprise customers. KORE's singular customer-centric focus is to identify and develop solutions that help clients realize IoT innovations and accelerate time-to-market schedules. KORE has over 350 people who serve customers in 110 countries, empowering new business models and opportunities to monetize the IoT. KORE: the people powering IoT.

About All Traffic Solutions

Located in State College, Pennsylvania, All Traffic Solutions is consistently recognized as a leading innovator in the traffic safety market for speed displays, message signs and imaging products, delivering groundbreaking levels of service and product capability. By integrating cloud technology into all of its products, All Traffic Solutions allows customers to manage their equipment and data remotely, through a browser. For more information, please visit www.alltrafficsolutions.com.

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