Trafficware
Engineered by **Naztec**

Inter-Department Operations

While ATMS.now is purpose-built for the full scope of an agency's traffic management needs, it is also a powerful tool for surveillance, mass transit, and emergency response. Shared functionality may also open doors for shared budgeting – allowing for a more cost-effective enterprise-wide solution.

Surveillance

Trafficware recognizes the importance of surveillance for system status, operation, and security. Our cross-center operation allows you to share functionality and system status updates with other departments and other jurisdictions, while maintaining control of your system.

- Use visual cues to make operational changes. For example, an influx in traffic due to the release of a sporting event or evacuation due to a storm can be monitored centrally so that a change of signal timing plans can be deployed.
- The occurrence of pre-programmed events within ATMS.now will activate presets in the camera and coordinate with system alarms and security.

Mass Transit

Trafficware integrated the NTCIP 1211 Transit Priority into the TSP Module. This module provides priority service, a method where the controller never leaves coordination and phase skipping is optional based on a user-defined strategy to service the priority request. In addition, Trafficware goes beyond the operation described in NTCIP 1211 by providing priority service in free operation as well as during coordination.

Trafficware also developed a Light Rail program in which the controller provides optional preemption features for a "two-track" system to minimize the disruption of traffic crossings while giving priority to the light rail system. The logic will handle parallel automobile traffic in a way that does not interrupt the light rail coordination. In addition, information generated by upstream and downstream intersections interacts to provide a seamless coordinated system for the light rail system.

Emergency Response

Emergency.now is an ATMS.now software module that integrates with your computer aided dispatch system to provide safer and quicker response times for emergency vehicles. In Emergency.now, Trafficware pioneered the concept of combining GPS and Automated Vehicle Location (AVL) technology with a proven ATMS system. The result is performance unmatched by any other solution available, providing priority service during coordination for emergency vehicles.

Because Emergency.now is ATMS based, it has visibility of the entire route from the moment the emergency vehicle leaves the garage and clears intersections using priority signal operation well in advance of the arrival of the emergency vehicle. By the time the emergency vehicle reaches each intersection, it has been flushed of traffic, allowing safe and rapid progress.