



ATMS.now

Central Management Platform

What is **ATMS.now**?

ATMS.now is a modular central transportation management platform and serves as the foundation of an effective ITS solution for cities, counties, and states.

Field Proven

Trafficware has over three decades of experience designing, engineering, and manufacturing the industry's most durable and reliable traffic control hardware. The company is also well known for the development of the industry's most stable ATMS software, which has been implemented in over 200 separate systems since 1994. When deploying such a fundamental element of an agency's ITS strategy, it is important to partner with a company that has field-proven systems that stand up to the rigors and mission critical demands of a transportation management system.

Cross-Hardware Interoperability and Single Source System Integration

Trafficware's ATMS platform provides the best of both worlds. It is a leader in implementing industry standards, including NTCIP, NEMA, FHWA, ITE, TTI, Caltrans, and ITS, and has an active install base with deployments across the country using all leading hardware manufacturers. Offering this level of integration provides the maximum flexibility to operate with legacy systems, thus getting the most value from your current investments. However, while ATMS.now interoperates with other manufactures, there are advantages to the agency of leveraging Trafficware's vertical depth in related ITS product groups.

Trafficware is the only company in the industry that provides such a broad spectrum of ITS devices for an integrated single source system. Our systems ship fully integrated and tested – from hardware to ATMS.now. This vertical integration helps avoid the pitfalls of lacking integration responsibility, proliferating integration costs, multi-vendor accountability problems, and the challenges of system enhancements due to functionality that spans more than one vendor.

ATMS.now has the continuity and traceability of in-house software development and improvements. By not relying on outsourcing or acquisition, we are able to provide a higher level of responsiveness, code-stability, and flexibility.

ATMS.now, a Powerful Platform

ATMS.now is a full featured central management system in its own right. It is also a powerful platform, able to support additional functionality like Adaptive Signal Control, Fleet Management, Transit Signal Priority and Emergency Priority Response, each a full-fledged modular product residing on the ATMS.now platform.

ATMS.now provides a global command post, providing real-time data across the agency for manual and/or autonomous action.



ATMS.now Advantages

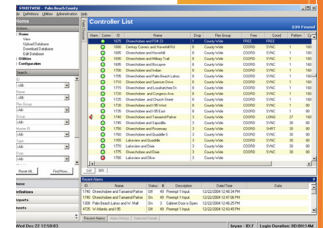
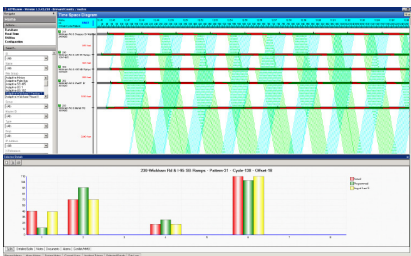
Trafficware's ATMS.now provides a **global command post** for an agency's transportation network, allowing for integration with various technologies to optimize traffic flow and safety. The solution brings traffic network data together into a single repository for a completely integrated 360-degree view of traffic operations in real time. ATMS.now features include:

- ATMS.now takes a step forward in scalability, flexibility, and integration with third party applications because the underlying file structure is an MSSQL database.
- ATMS.now allows multi-intersection viewing, editing, and downloading in the grouping that is relevant, making it easier to see trends and respond accordingly.
- ATMS.now uses Crystal Reports, which allows the user to maximize the value of the data that is being collected by offering a large breadth of data-rich reports.
- ATMS.now provides continuous, real-time scanning of all controllers in the system. Status data such as detection, alarms, and signal colors are clearly presented in real time.
- Because ATMS.now provides continuous real-time scanning, ATMS.now can manage a multitude of events autonomously, improving reach across the enterprise and facilitating a quicker response time. For example, the system constantly monitors itself and can automatically direct cameras to preset positions, manage digital message signs (DMS), send operator induced patterns and preemptions, and send email alerts.
- ATMS.now offers Synchro™ import and exports as well as Time-Space Diagrams to assist engineers with fine tuning and testing coordination on various corridors.

Ease of Use

By basing the ATMS.now graphical user interface (GUI) on the widely adopted and familiar Windows Outlook™ standards, ATMS.now gets new users up the learning curve faster, while giving power users the ability to run the application to its full potential.

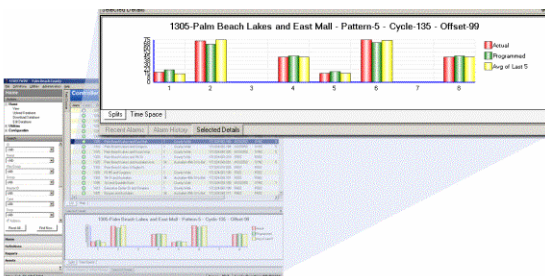
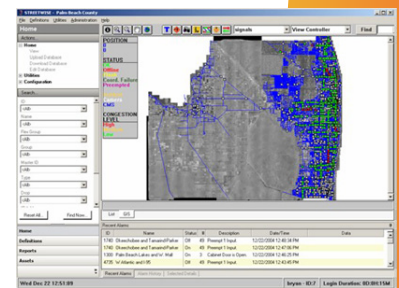
Default Home Page View – The user is presented with a real-time view of alarm, pattern, cycle, coordination, and split information of all intersections in the network.



Name	Type	Status	Other
1000 - [Controller Name]	[Type]	[Status]	[Other]
1001 - [Controller Name]	[Type]	[Status]	[Other]
1002 - [Controller Name]	[Type]	[Status]	[Other]
1003 - [Controller Name]	[Type]	[Status]	[Other]
1004 - [Controller Name]	[Type]	[Status]	[Other]
1005 - [Controller Name]	[Type]	[Status]	[Other]
1006 - [Controller Name]	[Type]	[Status]	[Other]
1007 - [Controller Name]	[Type]	[Status]	[Other]
1008 - [Controller Name]	[Type]	[Status]	[Other]
1009 - [Controller Name]	[Type]	[Status]	[Other]
1010 - [Controller Name]	[Type]	[Status]	[Other]

Time-Space Diagram – The user can plot a real-time time-space diagram by selecting a group of controllers. The resulting diagram shows split times, offset times, bandwidth values, speed, and other enhancements. The split data used in the diagram is obtained in real time.

Sample GIS View with Optional Bing™ Maps – A complete system network can be displayed, including multiple layers and images.



Real-Time Split Screen – This screen provides the user with a single intersection's real-time split information in graphical form. Both the tabular data in the main view and graph near the bottom of the screen will update as the split data changes.

Ensuring a Successful Deployment

ATMS functionality and performance is a primary consideration for product selection. However, a successful long-term deployment also has to consider ease of implementation and system support over the life of the project. Trafficware has a seasoned staff of Field Application Engineers, with a proven track record of smooth ATMS deployments of all sizes, mixed communication environments, and across all leading hardware manufacturers. The “turn-on” isn’t the end, but instead the mid-point of a successful ATMS deployment. The deployment should also include essentials like a formal and flexible training curriculum, maintenance programs, on-the-ground field support, and a structured trouble ticket response and escalation protocol. Trafficware offers the total solution, including a feature-rich central management platform, experienced systems integration, and continued support, ensuring a successful deployment over the life of the system.

The right central management system vendor requires more than just the right feature set.

Trafficware leads the industry in pre- and post-deployment training with Trafficware University – a knowledge center that has trained thousands of people around the world with both on-line and classroom instruction.



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ABOUT TRAFFICWARE

Trafficware specializes in researching, designing, and developing electronic equipment and enterprise software designed to enhance the transportation industry. Our industry expertise comes from:

1. Hands on experience attained while solving traffic management challenges across the country since 1979.
2. Our in-house team including: Professional Traffic Engineers, Hardware and Software design and development staff, Manufacturing Personnel, and Customer Service/Field Application Engineers.
3. Regular dialogue with our customers to address their real-world operational issues and future traffic management requirements.

Trafficware manufactures a full line of traffic equipment in its 90,000 square-foot technology center located in Sugar Land, Texas. In over three decades of manufacturing in the USA, our products have earned a reputation for unmatched quality and reliability.