



Spot Speed & Red Light

Introducing ARS T&TT's Spot Speed & Red Light Traffic Enforcement System, a cutting-edge solution designed to accurately identify and process traffic violations. Equipped with advanced sensors, including radar and camera technology, the system ensures precise detection of incidents such as red-light violations and spot speed monitoring. With a focus on cost efficiency, operational efficiency, reduced traffic violations, and accountability, our Traffic Enforcement System provides enforcement authorities with a reliable and effective tool to promote safer roads. Upgrade individual components "over the air" with modular hardware and enjoy streamlined workflows, standard operating procedures, and system access controls for enhanced accountability.



Features

Smart Camera

Detect speed limit on a section of the road, vehicles that cross red light on an intersection. ANPR – license plate reading, nationality detection, vehicle class detection.

Advanced back-office

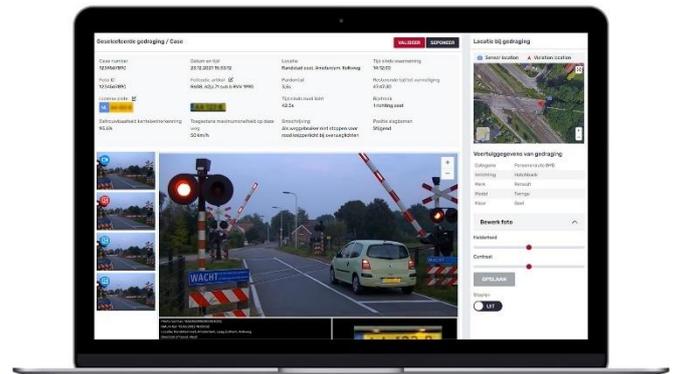
Accountability tracking for monitoring system usage. Automatic export for processing traffic violations.

Easy-to-use front end

Displays system status, enables over-air maintenance and operation. Generates activity alerts.

Implementation

With its high precision and accuracy of > 99.99%, the system captures violations with an overall error max of 1 on every 30,000 violations. The completely automated processing from violation detection until violation notices would ensure a seamless and efficient system, reducing manual labor and errors. The system's invisible infrared illumination allows for 24/7 operation, making it a reliable and effective solution for enforcement in the city.

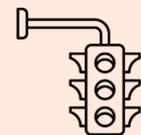


Advantages

The system can be installed at multiple intersections with cameras equipped for red light violation and spot speed measurement. The use of Vision Analytics removes the need for external triggers, reducing operational costs.

REDUCED TRAFFIC VIOLATIONS

Ensure safer roads with flawless identification of traffic violations and proper evidence to penalize violators



COST EFFICIENCY

Achieve excellent performance with multi-platform compatibility and minimum hardware for cost-effective solutions.

OPERATION EFFICIENCY

Increase overall efficiency with specialized hardware and local/central processing, supporting decision making with statistical data



ACCOUNTABILITY

Enhance accountability with well-managed workflows, standard operating procedures, and role-location-wise system access for operators



Benefits

Increased traffic safety

- Reducing the number of accidents and injuries
- Safer environment for drivers, passengers, and pedestrians

Accuracy in identifying violations

- Minimizing false positives and negatives
- Reducing workload of enforcement authorities

Consistent and reliable

- 24/7 same level of performance and accuracy
- Minimizing the risk of human error

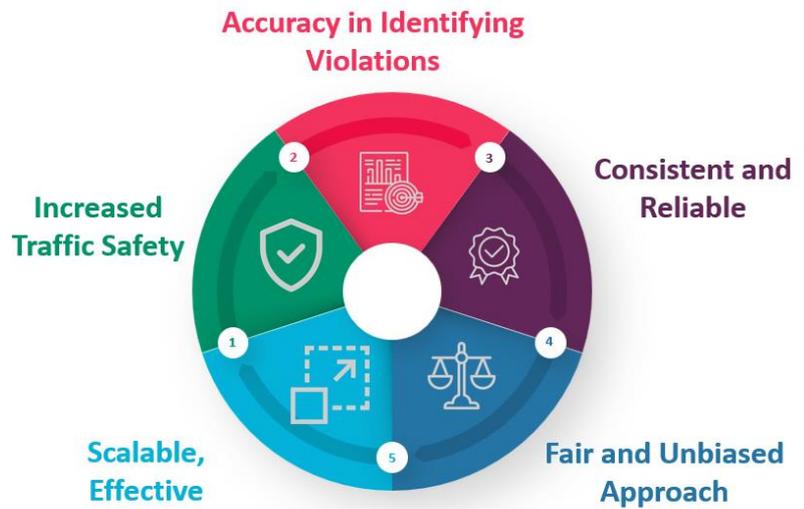
Fair and unbiased approach

- Treating all drivers equally
- Ensuring the enforcement system transparency

Scalable, effective

- Can be easily expanded to cover larger areas
- Accurately handle large volumes of traffic data

Contact us today to learn how our advanced Traffic Enforcement System can increase safety, accuracy, and efficiency on your roads.



About ARS T&TT

ARS Traffic & Transport Technology (ARS T&TT), headquartered in the Netherlands has been providing intelligent traffic and transport technology solutions to businesses and government bodies for over twenty years. We are an active player in our home market of the Netherlands, with a particular emphasis on meeting the growing international demand for innovative transportation solutions. Our mission as an independent 'Intelligent Transport System' (ITS) solutions provider is to rapidly expand our leading position in the fast-growing smart traffic and transportation markets. We believe continuous improvement and innovation enable us to achieve this mission.

For more information, contact us: info@ars.nl



100+
Projects



8
Countries



24
Years of experience



350+
Employees

