



Average Speed Enforcement

The ARS T&TT ASE system is a comprehensive traffic enforcement solution that utilizes advanced technology to accurately capture maximum speed offenders based on their average speed over an entire road section. The system effectively reduces speed on entire road sections, improving traffic flow, and decreasing instances of offences, contributing significantly to the reduction of road incidents. With its operator tools for verifying, violation processing, quality augmentation, and monitoring system operations, the ASE system is an ideal solution for governments looking for effective traffic enforcement solutions.



Features

Fully automated

Ensure safe speeds with our advanced monitoring system, measuring vehicle speeds in real-time to maintain safe averages on the road, no manual processing required.

Vision-based technology

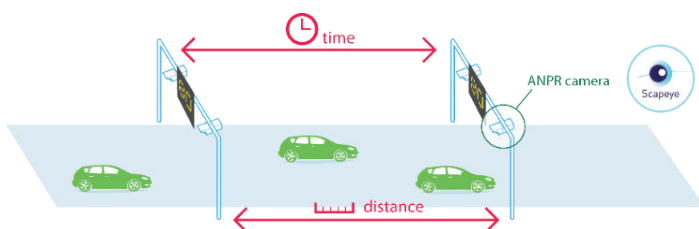
Smart algorithms, accurate results. Lane characteristics, dynamic speed limits, and vehicle type considered for reliable speed measurement.

Non-invasive video detection

Catch speedy drivers with precision using non-invasive video tech that captures maximum speed offenders based on their average speed over a whole road section.

Efficient back-office

User-friendly dashboard, automatic violation identification and processing, remote maintenance and configuration of roadside units



Implementation

We have successfully implemented 5 Average Speed Enforcement systems on the A2, A10, A12 and A20 highways in the Netherlands. Over the past years, these systems have significantly reduced the number of accidents on these roads, as well as the environmental impact caused by speeding vehicles.

- Average availability 99.64% (requirement 99%)
- Matching ratio 88.8% (requirement 85%)
- Unjustified violations 0.00% (requirement 0.01%)



Advantages

Comprehensive solution that improves traffic safety, reduces environmental impact, and enhances traffic flow.

EFFECTIVE OPERATIONS 24/7

24/7 operation with clear visual evidence through invisible infrared illumination, providing a robust and fool-proof solution for average speed enforcement, discouraging speeding motorists



IMPROVED TRAFFIC FLOW

Improve traffic flow and reduce speed violations on entire road sections with our fail-safe GPS-based average speed enforcement system



INCREASED SAFETY

Our system significantly reduces speeding behavior, resulting in a drastic decrease of road incidents from 20% to 1% according to operational assessments



REDUCED ENVIRONMENTAL IMPACT

ASE can reduce vehicle emissions and improve air quality by reducing speeding instances, as studies have shown that speeding is a significant contributor to air pollution





Benefits

Reduced violations

- Captures speed offenders based on their average speed
- Contributes significantly to traffic safety

Accurate and NMI compliant

- NMI standards ensuring accurate and reliable speed enforcement
- State-of-the-art image processing

Fully automated process

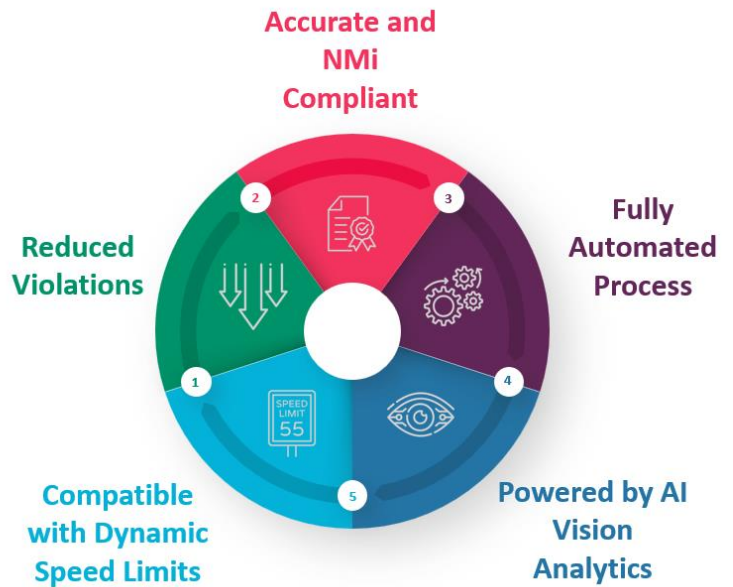
- Reduces the need for manual intervention
- provides operator tools for processing, quality augmentation, and monitoring

Powered by AI vision analytics

- Highly advanced enforcement solution
- Easy integration with other intelligent traffic systems

Compatible with Dynamic Speed Limits

- Speed limits can be adjusted in real-time
- Improves traffic flow and management



Contact us today to learn more about how our proven Average Speed Enforcement system can help you achieve your goals.

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

