

ROADflow Fusion



CLEANER | SAFER | SMARTER

FUSION OVERVIEW

ROADflow Fusion is a smarter enforcement solution, bringing together the impressive functionality of current ROADflow systems.

ROADflow Fusion is a single, modular, multi-purpose solution that provides a future-proof and cost-effective platform for traffic enforcement. The system provides a wide array of mobile and fixed enforcement options, with the ability to rapidly switch between different enforcement options, providing far greater value and utilisation from each deployed system.

ROADflow Fusion has also been designed to be backwards compatible with SEA existing back-office software solutions, with the added ability to provide a managed service via a cloud-hosted solution. SEA's comprehensive lifetime support offering also provides ROADflow Fusion customers with a highly responsive helpdesk and expert service engineer support.



Banned
Manoeuvres



Yellow Box
Junctions



Weight
Limits



Parking
Areas



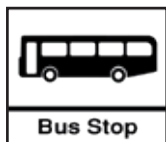
Restricted
Access



Bus
Lanes



Red
Routes



Bus Stops
and Gates



School
Crossing






Clean Air
Zones

















Mobile
Enforcement
Vehicle



Railway
Signal

IMPROVED AIR QUALITY via encouraging changes in driver behaviours 	GREATER HARDWARE UTILISATION 1 system multiple uses
 ELECTRIC VEHICLE deployment option	
CLEANER	

ENFORCEMENT of banned manoeuvres    	VCA CERTIFIED      
ATTENDED AND UNATTENDED enforcement outside schools 	
SAFER	

FLEXIBLE deployment options 	EVIDENCE REVIEW  certified rapid review package
 18MIN response time to online service requests	USER GROUPS six user groups per year 
SMARTER	

DEPLOYMENT OPTIONS

FIXED

SEA provide a range of fixed ANPR camera options that can be fitted to existing street furniture or buildings, with the ability to be re-deployed to hotspot areas with minimal effort and disruption. Our latest camera option provides an integrated high definition camera and processor in a single housing, providing easy installation and maintenance.

SEA has over 500 fixed *ROADflow* installations in operation today.



MOBILE

SEA's mobile traffic enforcement system uses GPS and ANPR technology to cover large geographical areas. In unattended mode, possible offences are automatically detected whilst on the move. In attended mode, the pan, tilt and zoom functionality of the camera can be used to focus on areas of interest.

The mobile system can be fitted with two cameras to provide dual-mode operations.



DEPLOYMENT OPTIONS



HOSTED

SEA's hosted enforcement solution forms an integral part of ROADflow Fusion.

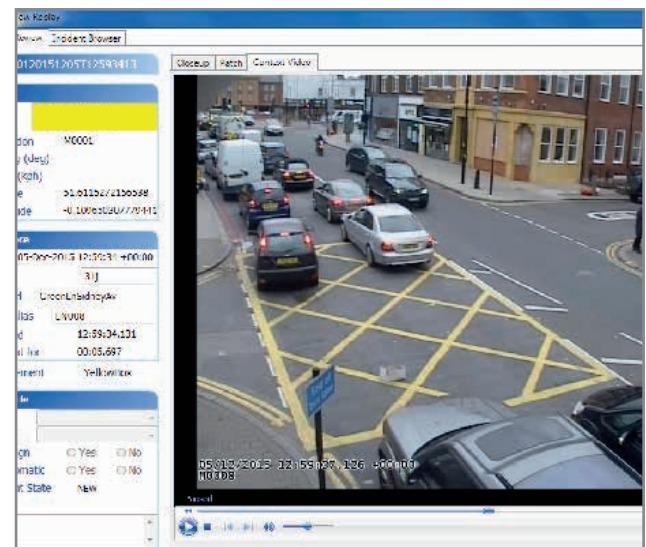
The software and systems that store and process data collected by the camera outstations, runs in one of three geographically separated 3rd party data centres in the UK, providing a secure, resilient service.



REPLAY

The Replay software package provides a fully VCA certified, rapid incident review capability, integrated with ROADflow Fusion.

Replay imports evidence packs from the ROADflow Fusion camera units and manages workflow by allocating evidence packs to the next available reviewer. The Replay user interface has been designed with input from civil enforcement officers and includes statistical and visual report information.



CLEAN AIR ZONES

SEA's solution to support Clean Air Zones (CAZ)/Low Emission Zones (LEZ) combines ROADflow Fusion and high quality hardware to provide a smart solution with a minimal environmental footprint, in order to help to reduce pollution from vehicle emissions, including nitrogen dioxide.

The overall structure and technologies used are based on static and mobile outstations to capture vehicle plates with in-station software to process the data.



SPECIFICATIONS

- Demonstrable air quality improvements
- No client IT infrastructure required
- Can be installed using existing hardware
- Low cost implementation & subscription
- Scalable solution
- UK-wide coverage and support
- Agnostic data interfaces

The SEA solution provides a cost-effective management and enforcement of CAZs by real-time identification of vehicles via Automatic Number Plate Recognition, with the in-station processing rapid lookup of the vehicle make, model, gross weight, engine type, Euro rating and CO² emission band.

This enables the system to automatically determine whether an offence has been committed and/or whether the correct tariff has been paid for entry into the restricted zone.

“

The SEA service desk staff always listen to concerns and act as quickly as necessary, with a response proportionate to the issue in hand. Patient in their approach towards customers, the team are a credit to SEA.

”

Civil Enforcement Team
Derby Council

“

Excellent and genuine customer service, always prompt, friendly and reliable.

”

Parking Team
Gloucestershire County Council

“

Very quick to respond, helpful and knowledgeable. They always make time to talk and offer advice.

”

Parking Services
Bristol City Council



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