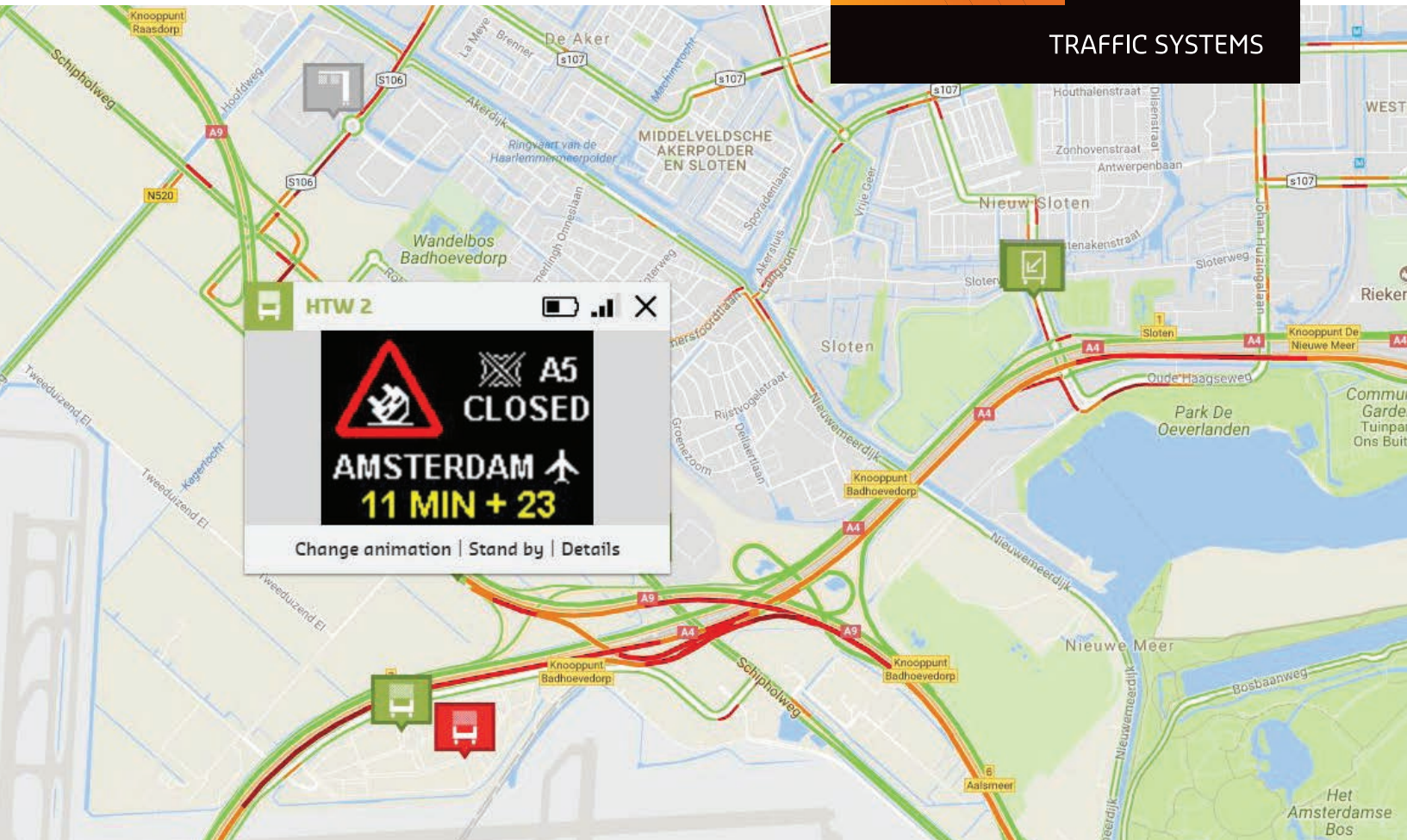


# SMART MANAGEMENT APPLICATION TRAFFIC FLEET



**EBO  
VAN  
WEEL**

TRAFFIC SYSTEMS



## THE SMART APPLICATION TO MANAGE ALL YOUR TRAFFIC SYSTEMS

USER-FRIENDLY, INTUITIVE AND CONNECTED  
AT ANY MOMENT AND ANY LOCATION





## TRAFFIC FLEET, THE NEW FLEET MANAGEMENT: EASY-TO-USE, INTUITIVE AND EFFICIENT.

Manage all your traffic systems online via an internet-application, which has been developed fully in-house by EBO van Weel. You are able to manage all traffic systems via this application on PC, laptop, tablet and smartphone. Everything in one place and available wherever you go.

### USER-FRIENDLINESS

One of the unique selling points of Traffic Fleet is the user-friendly design. By creating a understandable and functional platform, any type of user is able to use Traffic Fleet. A user can control and manage its entire traffic systems fleet through 4G or Wi-Fi at any time and any location.

### REALTIME STATUS INFORMATION

Traffic Fleet offers a real-time information overview of all parameters from a traffic safety system. Every 10 minutes the status of all connected units are updated. If necessary, a notification can be linked to battery voltage, GPS location or other parameters. A distinction is made between feedback from a warning, error message and feedback for routine maintenance. All notifications are pushed via e-mail to the user. Real-time notifications enable the user to act proactively to arisen situations.

### SECURE AND RELIABLE

EBO van Weel uses a so-called multi-roaming network. Each traffic system is covered in the whole of Europe by selecting the best signal from three providers per country. The data transfer to and from the traffic systems is secured and off the open internet with aid of a private APN. This makes that EBO van Weel offers a reliable and safe communication with its traffic systems.

### ACCESSIBLE FROM ALL DEVICES

Traffic Fleet is designed in HTML5, which makes it responsive in any browser (Chrome, Safari, Microsoft Edge etc.). This has the major advantage of ensuring that the programme can be approached from your computer, notebook, tablet, and smartphone.

### In conclusion:

*Traffic Fleet connects your traffic systems at any moment and any location!*







# ALWAYS CONNECTED: AT WORK, AT HOME AND EVEN ON ROUTE

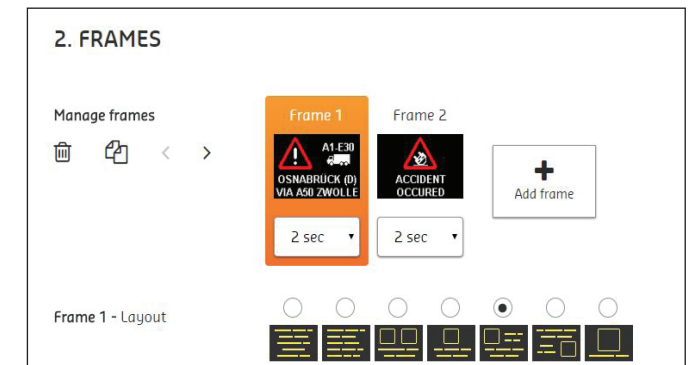
## TRAFFIC FLEET IS ACCESSIBLE THROUGH YOUR PC, TABLET AND SMARTPHONE

## MONITOR YOUR FLEET OF TRAFFIC SYSTEMS ONLINE WITH EASE AND MANY UNDERLYING FUNCTIONS.

### ANIMATIONS - DESIGNED AND DISPLAYED IN JUST A SINGLE MOUSE-CLICK.

Traffic Fleet enables you to design and send animations and traffic signs easily. For designing animations Traffic Fleet features an online editor. In a few steps text rows and traffic signs could be inserted uniformly in an animation. Moreover, symbols could be added too.

After saving the animation in the library, the animation could be selected and sent to one or more machines from you fleet. In just a few seconds the adjustments are implemented on the machines.

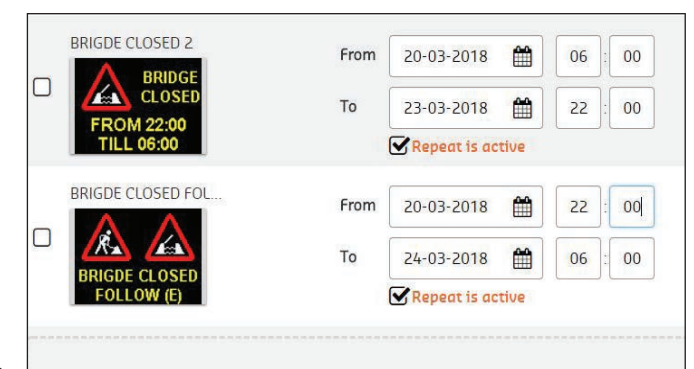


Online editor

Design your animations in just a few steps via the online editor, whereafter you can send them easily to a traffic system.

### SCHEDULER - PREPARE ONLINE YOUR ORDERS ON PRE-SET DATES AND TIME.

The scheduler featured by Traffic Fleet provides the service to change animations on the displays of your fleet on pre-set dates and time. Animations, dates and time could be easily inserted and adjusted by the user. For instance, a VMS-trailer could be stationed somewhere for a certain period without the need of a live user taking care of the animations during that specific period. The pre-set settings of the scheduler can be drawn up in advance, eliminating unnecessary costs and effort of your personnel during the project. This would then be kept to a minimum.



Scheduler

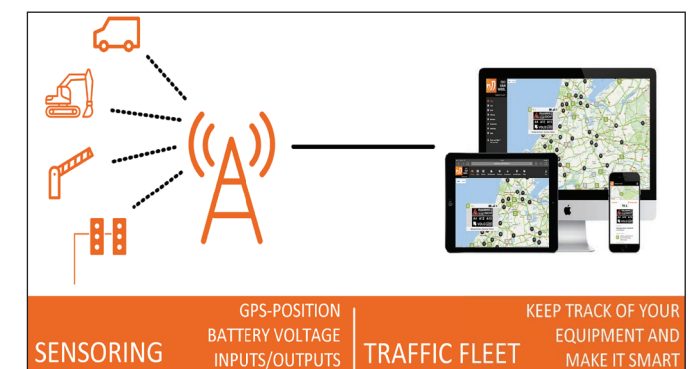
Create a pre-set, including timetable and animations, for one or more machines of your fleet.

### TRACK AND TRACE - MANAGE YOUR ENTIRE EQUIPMENT FLEET

Your equipment like traffic control installations, arrow warning trailers, excavators and vehicle trailers can be equipped with a Traffic Terminal with track and trace. With the Traffic Terminal you can see your entire equipment fleet on the map and you receive an email in case the battery voltage of your equipment reaches a critical level.

Furthermore the Traffic Terminal can be used to send Road Works Warnings (RWW) to the approaching motorists.

Manage your entire equipment fleet orderly and efficiently with a single application.



Track and trace

Manage your entire equipment fleet in Traffic Fleet, with insights in GPS-location, battery voltage and possible in-outputs.

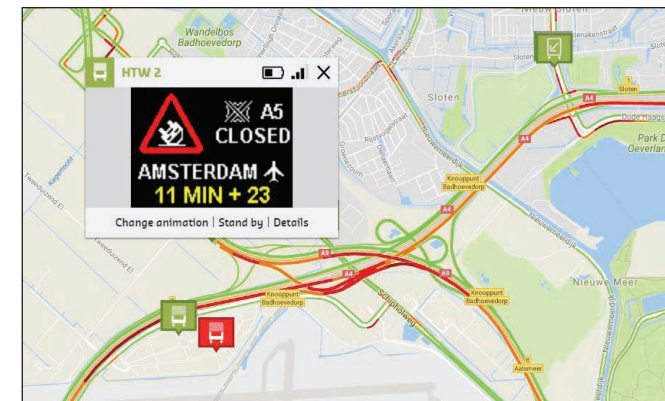




# DISPLAY A WIDE RANGE OF SMART MOBILITY APPS ON YOUR VMS-TRAILERS

INFORM MOTORISTS WITH REAL-TIME TRAFFIC INFORMATION

**WITHIN 10 YEARS THE ITS-LANDSCAPE WILL CHANGE RADICALLY. TRAFFIC FLEET IS CONTINUOUSLY DEVELOPING WITH NEW FEATURES ACCORDINGLY.**



Travel time information on your VMS-trailer

Use your VMS-trailer for travel time information without the need for additional hardware.

## TRAVEL TIME INFORMATION - ACCURATE TRAVEL TIME DISPLAYED ON YOUR VMS-TRAILER WITHIN SECONDS

Thanks to Floating Car Data (FCD) it is possible to accurately display travel time on temporary traffic systems. FCD is an innovative method for measuring speed and travel time on the road network. By displaying this information on temporary traffic systems motorists can make an informed decision about their route, preventing bottlenecks and traffic jams, which improves the overall traffic flow.

FCD is much more flexible than conventional measuring methods, such as Bluetooth, because of the superfluity of additional hardware. Because FCD consists of real-time data from all roads, it is possible to display the travel time of a particular route in a matter of seconds, through Traffic Fleet.



Floating Car Data displayed on your VMS-trailers

Your VMS-trailers can be used to display travel time or traffic jam information without any additional hardware.

## TRAFFIC JAM DETECTION - IMPROVED MOTORISTS SAFETY THANKS TO FLOATING CAR DATA

By doing anonymous measurements of motorists, Floating Car Data is collected to accurately determine the travel time of a route. FCD is collected per segment of 50 metres instead of the conventional 300 metres segments. The gathered information can be displayed on a VMS and send to the smartphone or car systems of the motorists to inform them about upcoming traffic jams or accidents. Ultimately, this all increases the safety of motorists.

Important and unique advantage of FCD is the extensive availability. FCD is collected from motorists on every road, whether or not this road has a measuring system, which makes the data available for routes that run from door to door.



Traffic control centre API

Operators of a TCC have more control over temporary traffic measures, because VMS-trailers can be programmed in predefined control scenarios.

## TRAFFIC CONTROL CENTRE API - ENHANCE THE DEPLOYABILITY OF YOUR VMS-TRAILERS

EBO van Weel has created an API that connects Traffic Fleet with the five major traffic control centres (TCC) of the Netherlands. This connection enables operators of the TCC to program temporary traffic systems, such as VMS-trailers, in predefined control scenarios of permanent traffic systems.

An advantage for the owner of the VMS-trailers is the enhancement of deployability of its traffic systems. Furthermore the operators of the TCC have more control over temporary traffic systems due to the user-friendly control of the VMS-trailers. On request we also develop connection with traffic control centers in other countries.



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