

Works Egress Warning System



An intuitive, easy-to-deploy system that detects works vehicles as they are about to merge into live lanes, warning oncoming traffic via variable message signs (VMS).

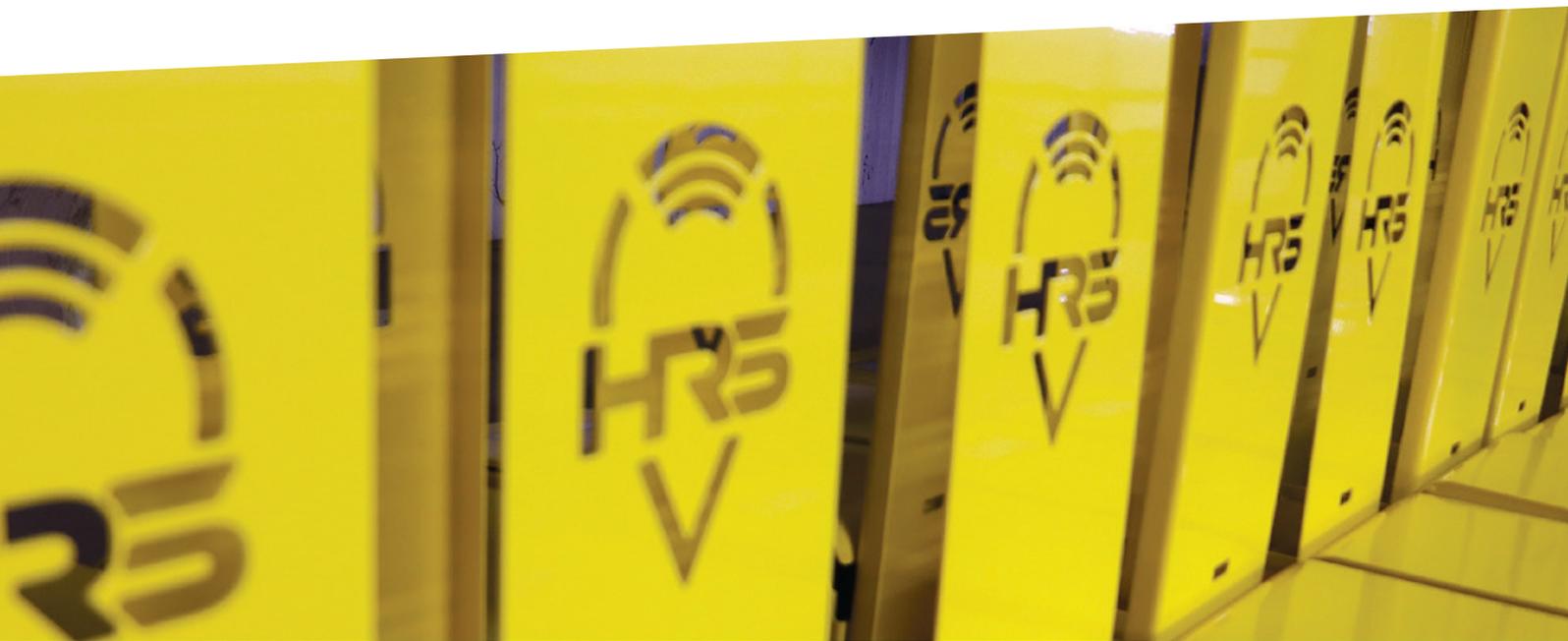
CHALLENGE

Typically, temporary 'Works Traffic Merging' road signs are used to warn road users of vehicles merging from a work zone into a live lane. Due to the length of these work zones and the number of different signs used, 'driver sign blindness' is a real issue. As a result, road users may overlook or not even notice a merging vehicle with potentially devastating consequences. With the ambition to increase the temporary speed limit through roadworks to 60mph, the speed differential between works vehicles exiting works areas and road users is also increasing. This could potentially make it harder for works vehicles to exit sites safely.

SOLUTION

HRS have worked with key industry stakeholders to develop an intuitive, easy-to-deploy system that detects works vehicles as they are about to merge into live lanes and warns oncoming traffic via variable message signs (VMS). When the Sentry Works Egress Detector senses a vehicle, it communicates with a compatible VMS which then displays a timely and targeted warning message to on-coming road users. This gives road users more time to take appropriate action, such as slowing down and giving way. As a result, the Works Egress Warning System has the potential to significantly improve road worker and road user safety.

HRS's Works Egress Warning System is compatible with most Variable Message Signs (VMS) (please contact us for more details).



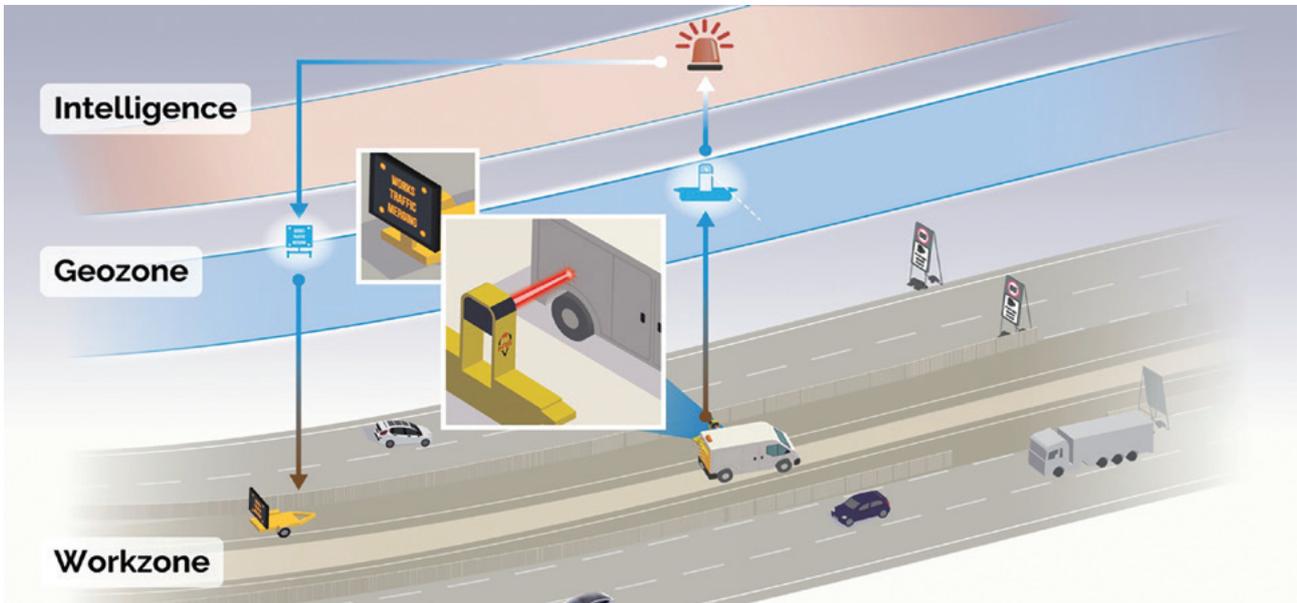
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or call us on **+44 (0) 800 206 13 19**



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How it works:

1. A vehicle in the work zone approaches an egress point
2. As the vehicle breaks the Detector beam, a signal is sent to the VMS via the Geozone
3. The VMS will display a 'Works Traffic Merging' message to warn the oncoming traffic



Features:

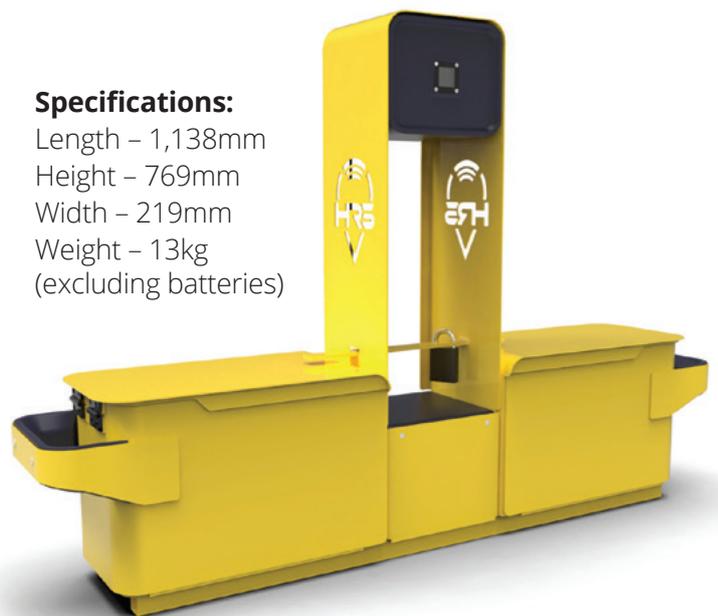
- > Single-headed laser
- > Robust, weatherproof body
- > Integrated rechargeable battery
- > Simple to set up and deploy on site

Benefits:

- > Reduces potential accidents by warning oncoming traffic of slow-moving works vehicles entering the carriageway
- > Enables a higher temporary speed limits to be used by ensuring works traffic can safely exit sites despite the larger speed differential
- > Provides accurate site data to help inform future projects and best practice

Specifications:

Length – 1,138mm
Height – 769mm
Width – 219mm
Weight – 13kg
(excluding batteries)



About HRS

HRS's mission is to provide technology-based safety solutions that will help to significantly reduce injuries and fatalities in temporary work zones, whilst providing the travelling public with accurate real-time information. Our digital solutions have been proven to safeguard workers on many occasions whilst also delivering net cost savings in temporary traffic management.

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