

HRS employs the latest technological and digital solutions to ensure that each project is delivered efficiently and to the highest standards of safety. Specialising in the provision of digital assets and services to the rail, utilities, construction, road and event industries, HRS provides products that can make your work zone safer, reduce carbon emissions, increase efficiency and productivity and reduce risk to life.

## Intelliframe®



Intelliframe® is an innovative way of digitally monitoring and managing street works to ensure compliance with relevant legislation, provide real-time updates to road users and allow remote visibility and monitoring of physical diversions.

Fitted with GPS technology, Intelliframe® can be used in a variety of different ways including as a Permit Board, Advanced Warning Board, Emergency Works Board or as a Diversion Route Sign.



## Intelliframe® Lite



Intelliframe® Lite is easy to deploy and can be attached to existing temporary road signs to create a digital twin that can be remotely monitored.

It alerts traffic management operatives if there is an issue such as fallen signs, which changes the maintenance focus from routine checks to event-based maintenance. Crews can be dispatched when corrective action is required.



## Intellicam®



Intellicam® is a portable incident camera that captures site incursions, customer confrontations or any other activity in and around a work site, giving workers an extra layer of protection and providing stakeholders with specific, relevant data and evidence when needed.

Triggered by motion sensors and detectors, Intellicam® captures video footage of a breach to the site. The technology within the camera automatically clips the footage to provide a high-definition recording of the activity before, during and after the event.



## Intellicone<sup>®</sup> Incursion Prevention & Warning System



The Intellicone<sup>®</sup> Incursion Prevention & Warning System (IIPAWS) from HRS is a digital system designed to reduce work zone incursions and protect road workers from harm.

IIPAWS creates a digital layer of protection around a work zone to keep it safe. It activates flashing lights and audible alarms to warn the workforce of an incursion, giving them time to take evasive action. IIPAWS can be placed anywhere around, in or near a work zone, including at access points, closure points and checkpoints.



## Intellicone<sup>®</sup> Smart Taper



The award-winning Intellicone<sup>®</sup> Smart Taper is a traffic management planning tool and a work-zone safety system which improves road space management as well as road user and roadworker safety.

The Intellicone<sup>®</sup> Smart Taper uses digital technology to provide instant notification of taper strikes and work-zone incursions allowing traffic management teams to respond quickly and effectively and reinstate traffic management measures without delay.



## Customer Communication Terminal



The Customer Communication Terminal (CCT) gives road users, local residents and the general public instant access to real-time, accurate information while works are underway. CCT can also reduce the need for personnel at closure points and help reduce the risk of work zone incursions.

It is portable, flexible and designed so that it can be tailored to specific requirements. It can be deployed as a responsive intercom device, provide automated real-time information or can be used as an emergency call point.



## Dynamic Speed Sign



The award-winning Dynamic Speed Sign is a new way of managing speed restrictions and traffic flow.

It is a remotely controlled speed sign which will change from 40 mph to 50 or 60 mph depending on work zone activity. It allows traffic to flow freely when works are not taking place and imposes speed restrictions as required.

