



Intelliframe® enables real-time monitoring of signs critical to ensuring compliance and the safety of road users. This makes it possible to respond to events on site, such as signs that have fallen over or works that are overrunning, thereby enabling operational efficiencies, potential reductions in penalty charges and improved communication with road users.

## Your Challenge

Ensuring compliance and safety within a rapid paced Street Works environment is challenging:

- Currently this requires a presence on site or routine maintenance check which is time consuming and difficult to plan and control.
- Non-compliance can lead to significant penalties and inconvenience to road users.
- Requirements to update portals such as Street Manager require additional resources and relies on close communication between office and site-based personnel.



## Our Solution

Intelliframe® has been designed to be easy to deploy and utilises HRS's proven Internet of Things technology to provide live monitoring of Street Works signage such as permits, diversion and general traffic management signs.

Depending on the sign deployed our device management platform will alert users about changes in sign condition or for example when a job is about to overrun its permitting conditions.

Integration with third party Street Works information portals means that it is possible to automatically update roadworks status, resulting in a significant improvement in the speed and reliability in which this information can be communicated to road users.



# Use Applications



Digital display updated remotely  
Automatic real-time updates  
Permit breach risk alerts

1

## Permit Sign

## Street Works Sign

2

Remote site auditing  
Sign non-compliance notifications  
Automation of road space updates



## Diversion



Remote diversion route monitoring  
Route clash alerts  
Historical data aiding customer services

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## Diversion Sign

### Key Features

- Fully automated operation
- Robust light weight frame (<8kg)
- Electronic display
- High accuracy GPS
- Minimum 1 Year Battery Life
- Accelerometer for orientation/fall over
- All deployment data can be viewed on mapping interface and can also be made available via API

### Benefits

- Minimises physical presence on site to maintain compliance and safety
- Improves use of scarce resources by enabling them to be focused on problem areas
- Enables mitigation of fixed penalty notices
- Reduces complaints from road users by providing real-time information
- Technology Integrates with 3rd Party platforms