

Intellicone Incursion Prevention & Warning System (IIPAWS)



Digital protection for road workers and road users

The Intellicone Incursion Prevention & Warning System (IIPAWS) is a digitally-driven system designed to reduce work-zone incursions and protect road workers from harm.

IIPAWS creates a digital layer of protection around a work-zone which provides the following benefits:

- > **Increased safety of your employees**
- > **Prevention of work zone incursions**
- > **Improved customer and road user safety**
- > **Employees protected from confrontation**
- > **Improved operational efficiency**



A careful and well thought out traffic management plan will create safe zones that allow employees to carry out essential works in a safe environment. However the potential of an accidental or deliberate incursion from road users still remains which is why IIPAWS is needed.



Works Access Points

The point of access to a work zone can be the most vulnerable. Road users can unintentionally or deliberately breach a work zone putting themselves and the road workers at serious risk. IIPAWS will alert the operatives of an incursion, giving them time to take evasive action. It will also sound an alarm which, in many cases, will deter the errant road user and ultimately prevent an incursion.

Full Closure Point

A full closure which requires an operative to man the closure creates a level of risk to them, from an unauthorised vehicle or road user. IIPAWS alarms the cones which removes the need for an operative at the point of closure, alerts operatives within the work zone of a potential breach and deters the road user from going any further.





Checkpoints

IIPAWS has been used to create sterile areas between the start of a road closure and the work zone. In addition to providing a digital layer of protection, it removes the need for operatives within this area and allows for better management of resources. The alarm system can also deter an errant vehicle from proceeding towards the work area.

Best Practice

IIPAWS is becoming a best practice standard for full carriageway and slip road closures and is used on both high-speed and low-speed roads. Many clients incorporate IIPAWS into their traffic management plans to meet CMD and Raising the Bar 27 standards.



What Our Clients Think

IIPAWS is used by a range of clients to support essential traffic management plans. They have all reported accident prevention, reduced risk from incursions and improved operational efficiency.

"If IIPAWS had not been used on this site tonight, I believe one hundred percent someone would have been killed."

TM Foreman A21 Whatlington

"Our operatives report feeling more confident working on the network, knowing that there is an early warning system in place."

A-one+

"The warning functionality of the Incursion Warning System provides a much faster and more reliable means of warning the workforce compared with traditional methods. The benefits of this type of system provides significant benefits to the mitigation of all types of incursion risks."

Atkins & ERM on behalf of Highways England

Our Product Range

- > Customer Communication Terminal
- > Intellicone Smart Taper
- > Intellicone Incursion Prevention & Warning System (IIPAWS)
- > Intelliframe
- > Dynamic Speed Sign
- > Works Egress System