MVIS
Mobile Visual Information Systems

Vysionics Intelligent Traffic Solutions

The challenge

Vysionics Intelligent Traffic Solutions (now Jenoptik Traffic Solutions) is a global leader in average speed enforcement. They have over 280 temporary and permanent SPECS installations around the UK, delivering significant reductions in collisions and casualties, whilst improving traffic flows, capacity and emissions.

Vysionics approached MVIS about their state of the art CRUISE portfolio for the prestigious M4/M5 managed motorway project.

The solution

Geoff Collins, Vysionics' Sales and Marketing Director said:

> "MVIS supplied us with six five colour variable message signs and a smart radar trailer (DRUM) for use on the M4/M5 managed motorway project for HW Martin Ltd."

With a fully autonomous solar charging system, the VMS-C operates continually under normal operating conditions. A single plug and play controller houses the sign's unsurpassed technology, with a range of features and functions not available in any other VMS. All the signs are controlled by that latest technology web based sign management and control system Web Studio™. The system is Windows-based and very intuitive and simple to use.

Geoff Collins said:

> "Four of the VMS signs communicated with our SkyHawk integrated ANPR cameras via Web Studio™ to provide real-time journey time information. This integration incorporated a unique lock on/lock off facility which enabled the operators at HA SW RCC to override the default journey time information display with additional driver information – for example, road closures and accident ahead – when required, negating the need for additional signs. Once the incident cleared, the sign automatically reverted to displaying journey time information as soon as the unlock function was selected."

This functionality has been developed in conjunction with Vysionics at the request of the Highways Agency. Geoff Collins continued:

> "Two of the signs are sited to give strategic information about upcoming works and again can be overridden via Web Studio™ to provide real-time information to drivers. The provision of a solar-powered Smart Radar platform for use with the TRL Drum software to generate detailed information to the main contractors has enabled us to provide the full suite of ITS Solutions from a one stop shop – supplying average speed, temporary CCTV, journey time solutions, VMS and DRUM."

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