



VMS GUIDANCE AND INFORMATION SYSTEMS

Reliable information systems are vital to the operation of all aspects of an airport facility, and the control of road traffic within the airport perimeters plays as important a role as controlling air traffic, keeping the whole system functioning efficiently.

Variable Message Signs Limited (VMSL) has considerable experience in developing and providing specialist messaging signs and transport information systems for a wide range of applications, built on the back of over 25 year's experience of developing information systems for the UK highways network.

Airport sites require a wide range of applications to handle road traffic and parking guidance, employing comprehensive transport systems in a densely populated, fast moving environment.

LED SIGN APPLICATIONS

- Lane control
- Control posts
- Car parking information
- Directional signs
- Way finding signs
- Passenger interface signs
- Over height vehicle detection information
- Internal car park spaces signs
- Enforcement information
- Airside information and enforcement LED signs
- Bespoke LED signage to suit application.



The Pegasus Variable Message Sign displays simultaneous text and pictogram information (above).

A new range of slim car park information signs can deliver up-to-date information to control traffic and passenger flows efficiently (right).



AIRPORT VEHICLE GUIDANCE AND INFORMATION SYSTEMS

SIGNS AVAILABLE

Standard format signs are available as:

- Car park guidance signs
- Pegasus dual colour full matrix signs
- Vehicle actuated signs
- Five-colour full matrix LED signs
- Pegasus five-colour full matrix signs
- Lane control signs
- Tunnel portal mounted signs
- Speed repeater signs
- Bespoke LED signage to suit application

PARKING

VMSL has installed a significant number of car park guidance schemes across the UK, which are designed to allow for the seamless integration of further equipment and capabilities.

Car park occupancy counting utilises a range of methods including underground loops, interface to barrier, ANPR and ultrasonic detectors with the count data being presented as user-friendly, meaningful and understandable information via TRAMS.

PEGASUS VARIABLE MESSAGE SIGNS

Variable message signs are available with fixed character or flexible matrix displays suited to a wide range of applications displaying simultaneous text and pictogram information in up to five colours.

The Pegasus range presents a family of signs with an attractive slim format, and a flexible post-mounting system offering landscape and portrait fixings, centred or offset.

OVER HEIGHT VEHICLE DETECTION SYSTEMS

With a combination of bridges, tunnels and flyovers typically occurring in the layout of an airport, vehicle height detection and monitoring systems can play an important role in maintaining free-moving traffic. Over height vehicles can be alerted in good time and safely diverted to alternative routes with all movements monitored by TRAMS software.

Variable message signs are typically used at control posts.



TRAMS software provides clear and concise information to aid network capacity optimisation.

TUNNEL SYSTEMS

Tunnel portal signs display a two line, text-based message intended for the delivery of general safety and guidance information. Within the tunnel itself, a range of signs are available to manage lane control, speed limits, and general tunnel messages.

TRAMS SOFTWARE

TRAMS (Traffic Management Systems) in-station/sign control system is a Windows® based software package that works with standard desktop PCs and enables easy configuration and tuning of bespoke solutions to meet specific traffic management needs.

TRAMS is suited to an extensive range of applications and controls most roadside equipment, providing the capability to define strategies in relation to:

- Traffic congestion
- Access Control
- Bus-lane violation monitors
- Car park information and occupancy
- Over-height vehicle detectors
- Bomb scares
- MIDAS vehicle detectors

Other equipment such as barriers, and road blockers can be controlled by TRAMS, which also accepts feeds from other systems such as ANPR and RTP1 systems.

OTHER VMS APPLICATIONS

VMS Limited has also supplied systems for sea ports, container ports, bridge and tunnel management and ferry applications, as well as signals for the UK rail network. Please ask for details.

Five-colour Pegasus variable message signs produced for the Port of Dover.



VMSL products are compatible with Mott MacDonald, Serco, Siemens, Enviva common database and Cloud Amber.



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