



experts in traffic management technical documentation

Sahlin have been involved in Traffic Management for over five years and have established a reputation of service and quality across a broad range of equipment. This includes many aspects of Traffic Control and Monitoring including:

- Automatic Number Plate Recognition
- Access control
- Car Park Management
- Road Tolling Enforcement
- Surveillance
- Traffic Monitoring

Sahlin has provided a comprehensive technical documentation service and has produced a variety of Operator and Programming Manuals, Installation Guides, Service Manuals, and Online Line Help Systems. Many of the clients we partner lead the field in their area, these include: Appian Technology plc, Microtima, and Simulation Systems Limited.

Appian Technology plc

provide solutions for automatic number plate recognition (ANPR), vehicle identification, parking guidance, traffic management, and car park management problems. One of their ANPR products is the market leader in its field, and is used both in the UK and overseas.

Navigator is a parking guidance information system based on infrared technology, which has a high level of counting accuracy. It consists of a patented Vehicle Detection Processor (VDP) together with common Data Communications Systems, Facility Control and Management software. This provides the operator with statistical and control information for the management of the car park, and a customer interface by means of Variable Message Signs within multi-storey car parks or urban area parking.

Toltec - is a long range, hands free, vehicle monitoring and control tagging system that has a versatile and compact tag, which controls and monitors vehicles. Toltec provides a stable and reliable solution with increasing demand for secure access and ease of accessibility in modern traffic movement. Application includes:

- Automatic & secure parking
- High security access control and monitoring
- No ticket or card to swipe
- Generates management data on vehicle movements
- Validation of Entry/Exit

Talon ANPR - is a proven vehicle identification system for use in both overt and covert surveillance. It provides rapid and accurate identification of vehicles, 24 hours a day, in all weather conditions. The system can be used to match passing vehicles against a target list, which can either be held in the systems integral database or within a central computer so that when a target vehicle passes the camera an immediate warning is obtained. Talon is also a system used in commercial applications including car park facilities, estate management, and journey time analysis. It can identify vehicles entering and exiting specified areas with each recognized vehicle timed, date stamped and location number allocated. Used in conjunction with the networking capability, Talon can provide a comprehensive database of traffic movement.

The Talon ANPR system has been installed at various locations including Boots Company plc at their Nottingham HQ, Newcastle Civic Centre and the Bluewater Shopping Complex in Kent, where parking for over 13,000 cars is monitored and controlled.

Talon SP is a software only version of the Talon ANPR system, which uses dedicated DSP hardware. Whilst this gives exceptional performance, the PC platforms in which it may be used are limited. The software only version, offers the ANPR solution benefits from the original Talon system but without the need for dedicated recogniser hardware. Talon SP will run on any PC platform fitted with a commercially available frame grabber.

Microtima

provide products and systems to promote road safety for children and to reduce traffic congestion through sign information and signal control. They design and build LED signs, warning signals, detection and counting systems, remote control and communication systems. They also develop software to meet the needs of the traffic management and parking industry.

One of their many products is the Series 5 Programmable Switching Unit used to control school safety crossing zones. These are either supplied in filament bulb or LED versions and may be programmed by utilising the latest generation of hand-held computing devices (PDA) with Bluetooth software technology.

Sahlin have produced a comprehensive installation and programming manual, a marketing brochure and technical data sheet to support this new version.

Simulation Systems Ltd (SSL)

design and manufacture a variety of products for use by the Highway Agency, including a range of NMCS1 and NMCS2 based motorway in-station and out-station equipment.

Sahlin designed and printed a quick reference guide for their Highways Agency Address Plug Decoder, which aids service personnel onsite with testing and maintenance. This guide clearly identifies the plug descriptions and pin configuration and is fully laminated against wet weather conditions.



To enquire further how we may help with your technical documentation, contact the experts:

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