

SMART CCTV

Traffic Technology Newsletter July 2011.

Company news

The UK market for ITS solutions, while still slow over the last 3 months, is we believe is starting to show movement again. In the last 3 months we have been involved in tenders and PQQs for a number of major projects which have been on hold for a number of months.

While as yet we are still in the procurement cycles and therefore there is no guarantee that contracts will be awarded to us (or to anyone else) it is encouraging that the process is at least underway.

Traffex, for us, was a successful show. Our impression was that the overall footfall was down but the visitors who did come by the stand had real applications in the pipeline, and the actual numbers who visited our stand was very similar to the 2009 exhibition.

Surveys



In the last 6 months the number of traffic surveys which we have been involved with has grown significantly. The use of automatic image processing to assist with the data processing has offered a number of our clients' new and cost effective ways to obtain the data they need.

We have been awarded a three year contract from a major local authority as well as providing major ANPR based journey time, weaving and speed estimation from video surveys for a number of the major engineering consultancies.

XCam intersection monitoring

Following on from our appointment as Citilog's value added reseller in the UK, we have installed and commissioned our first totally new Citilog installation in the second quarter. Up to this point it had been maintenance and upgrades to per existing systems.

Based on the XCam-ng solution we are automatically monitoring queue lengths at a roundabout off a major trunk road in the south east of England.



There is concern that a major development just off the roundabout is causing traffic to tail back down the slip road. The XCam systems, due to their very low power consumption are powered via solar panels and are active only during the rush hour to ensure sufficient battery charging even in the darker months. The queue length data is then transmitted back to us via 3G mobile telephony.

Zelo Red Light Camera

Tattile have launched a new low cost and innovative Red light camera which doesn't need to be interfaced with the traffic light controller.



The system is made up of a smart ANPR camera with built in IR illumination and a colour overview camera. The camera is initialised by setting the regions on the screen where the red, amber and green illuminators on the traffic light are seen and using image process to activate / deactivate the system when the software registers that the red or green phase is active.

In addition to permanent installations, we believe that this technology offers Safety Camera partnerships a simple method of surveying a junction to measure the extent of non compliance and a system which could be easily be redeployed around a number of junctions.

Hazchem Codes

Both Tattile and Citilog have recently introduced the ability to read the Hazchem panels on vehicles.

Citilog have incorporated this feature into their Media Tunnel and Media Road products. This means that for existing or new Video Incident Detection systems in tunnels or on the road network it will be possible for only a software upgrade to know what dangerous goods are on specific parts of the network.

Tattile have incorporated this feature into their Vega ANPR cameras, so for

applications like access control, weighbridges etc. in addition to knowing what vehicles are entering and leaving the site it will be possible to know what chemicals they are carrying. The Hazchem feature is available at no additional cost on a Vega camera.

New Citilog White Paper

Citilog have released a new White Paper titled "Reliability and Redundancy" which gives detailed information on how they address sub system failure in mission critical video incident detection systems in tunnels.

This white paper (along with others) is available for download from our web site www.smartcctvltd.com

New Appointments

We are pleased to announce that Mark Ramus has been promoted to the position of Field Application Engineer and will become responsible for installation of our solutions out at the roadside.

We are pleased to welcome Alex Gunns who has joined us as a Technical Support Engineer to take over Mark's previous role. Alex will be responsible for providing technical customer support and maintenance.

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