



Better transport through technology

January 2009 Newsletter

News from ITS United Kingdom

The founding Chairman of ITS (UK)'s Standards and Communications Interest Group, **Bob Williams** of CSI, has stepped down. Bob founded the Group in 2003 and was crucial to the maintenance of the link between the ITS (UK) Membership and the relevant ISO and CEN Groups.

ITS United Kingdom Calendar

Tuesday 3 February	ANPR Meeting (joint with ESVA) – House of Lords, London SW1
Tuesday 3 March	Public Sector Liaison Group - Highways Agency, Bristol
Wednesday 4 March	Local Authority / Urban Interest Group Conference London E1
Friday 6 March	Joint meeting of the Smart Environment and RUC Interest Groups - Newcastle University
Tuesday 10 March	President's Dinner - London EC2
Wednesday 18 March	Inclusive Mobility Interest Group - GMPTE, Manchester

News from ITS United Kingdom Members

TENET Technology is changing name to Envitia

Tenet Technology, world leaders in geospatial systems, has experienced significant success and growth over past years, particularly in international markets. As an integral part of our plans to further build on that growth over the next years and in support of our new international marketing campaign, TENET Technology is changing its name to Envitia. Envitia, already the name of the parent company, is the consistent global brand through which world class products and services will be promoted and supported. The team remains the same, as will the high standard of service to our customers.

TRL Wins West Midlands Urban Traffic Management Control Project

As part of the development and operational support programme for the rollout and installation of the West Midlands Urban Traffic Control (UTC) Major Transport Scheme, Foundation Member TRL has been appointed to undertake monitoring and evaluation of the process and to provide decision support tools. The Scheme will link together a number of UTCs which are being upgraded (or plan to be) for 7 unitary authorities in the West Midlands and a Centre of Excellence co-located with the Highways Agency's Regional Control Centre at Quinton. The Scheme is looking at non-motorway roads, but will involve working closely with the Highway Agency (HA) where these roads interface with HA managed motorways. In undertaking the work, TRL will draw upon its expertise

in microsimulation, traffic management control systems, decision support tools and support to Regional Control Centre operations for the efficient operation of controlled motorways.

4 key lines of development have been determined:

- Validation of the existing business case
- Provision of microsimulation(s) of UTC areas and a wide area model
- Provision of online decision support tools
- Evaluation of the benefits of the Scheme when operational

Throughout the process, TRL will engage with the appointed programme managers who are acting on behalf of both the Department for Transport and the West Midlands local authorities and, importantly, the end users and their stakeholders to aid a coherent understanding of aims, objectives and targets. The contract has been awarded by Wolverhampton City Council on behalf of the unitary authorities involved.

Egis Projects becomes Market Leader in Electronic Toll Collection in Ireland

Over the course of the past few years, Egis Projects has been the driving force behind Easytrip Services – a concept that links electronic toll collection (ETC) with the provision of other value-added services to drivers (parking access, traffic information, road pricing, etc). The first launch of these services was in Ireland in 2007 under the ‘eTrip’ Services Ireland banner and in association with ElectroAutomation. Created in 1998 by the Irish group National Toll Roads Ltd, EazyPass was a pioneer in electronic toll collection systems in Ireland. The first tags were distributed in 2001, enabling the payment of toll fares on Dublin West Link and East Link motorways. Since mid-2005, EazyPass has been accepted on all toll plazas with ETC lanes in Ireland using the Information Exchange Agent interoperability system that was launched by the National Roads Authority in 2004. Egis Projects has developed and implemented this system which it currently also operates on behalf of the National Roads Authority. On 20 June 2008, Egis Projects completed the acquisition of EazyPass Ltd via Easytrip Services Ireland – a company acting under the name “eTrip” and jointly owned by Egis Projects and its local partner ElectroAutomation. As well as providing electronic toll collection services, eTrip has developed an urban car park payment system allowing its customers to pay electronically for their parking services in over 15 car parks in all major Irish cities Dublin, Cork, Limerick and even Belfast. Easytrip Services Ireland has now over 180,000 tags in circulation. These tags are interoperable across all toll roads in Ireland. Over 50,000 were issued during the months leading up to the August 2008 launch of the free-flow services on the M50 Dublin ring road. In the last quarter of 2008, more than 50% of all transactions on the M50 were attached to Easytrip tags (eTrip and EazyPass).

The on-going merger of EazyPass with eTrip under the banner of Easytrip Services Ireland enables Egis Projects to establish itself in ETC services and other associated value-added services. In particular, the combined offer of eTrip and EazyPass constitutes one of the first independent distributors of ETC tags on the European road network following recommendations from the European Directive on infrastructure payment (European Electronic Toll Service or EETS concept). Besides developing Easytrip as a business in its own right, such as in Ireland and in the Philippines, Egis Projects also participates in a number of related projects. These include heavy vehicle tolling tenders in Europe, Open Road Tolling tenders in Australia, Europe, North America and South Africa, and on-going projects such as the Golden Ears Bridge free flow tolling in Vancouver, British Columbia.

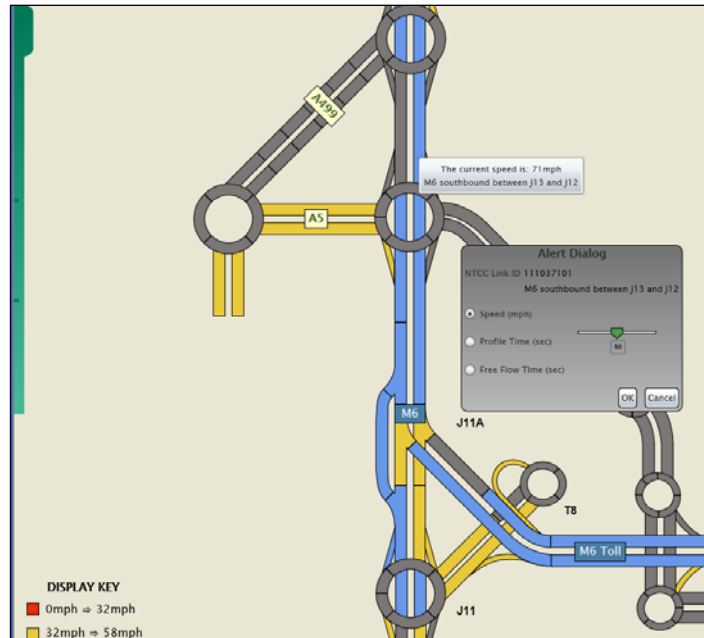
VIGIL – The New Traffic Alert System from Zircon Software

VIGIL is aimed at local authorities that are affected by traffic diverting to their local road network from the Highways Agency controlled Trunk Road network.

VIGIL provides real-time information on the state of the Trunk Road network in the local authority area of interest.

VIGIL constantly monitors the Trunk Network and can provide early warning of potential problems that may hit the urban road network.

Utilising real-time data from the Highways Agency National Traffic Control Centre, **VIGIL** enables local authority traffic managers to see the condition of the HA trunk road network and thus gain an early view of potential problems that may impact on their own local network. Users are able to tune their own thresholds based on traffic speed or profiled journey time for road links based on their knowledge



of the interaction between the trunk and local networks. When these thresholds are exceeded, the link colours are changed and alarms are triggered to alert the operator to potential problems. These alarms can be audible, via email or text message.

Expansion; The system can be easily expanded to include data from local ANPR systems, to add in additional information about the local urban network and show how problems on the trunk road network may be affecting the local network. Where they exist, images from CCTV systems may also be added to the **VIGIL** system, to allow operators to identify the cause of problems highlighted by the system.

TrafiCon recently added a clever combination of TrafiCam platform and field-proven data collection algorithms to its product range: the TrafiCam Collect-R!

TrafiCam Collect-R integrates both CMOS sensor and detector in a compact, stylish housing. It is a cost-effective solution for gathering traffic data, monitoring traffic flow and emulating or simulating loops on highways and inter-urban roads. It can be used for temporary or permanent applications. Plus, its low power consumption is suitable for a stand-alone solar powered installation. The design of this sensor ensures fast and easy above-ground installation without the need for intrusive adjustments. The user-friendly configuration software guarantees quick configuration.



Foundation Members Department for Transport outlines air, road and rail improvements to boost economy and jobs

Britain will benefit from major air, rail and road improvements as Transport Secretary Geoff Hoon today outlined radical new plans for the UK's transport infrastructure, designed to support the economy and secure jobs in the long term. Mr Hoon confirmed Government support for a third runway at Heathrow airport but not for "mixed mode" which would have seen the two existing runways used more intensively. Alongside this, he outlined measures to help protect jobs and put Britain on a footing to recover from the global economic downturn. Please find more information available on the DfT Website;<http://www.dft.gov.uk>

International News

TRL Software partner network expands into Korea

TRL is delighted to announce that Delma International, based in Seoul, Korea, has joined its expanding partner network to provide local sales and support for TRL's new TRANSYT VISSIM* product and TRANSYT 13. TRL has recently released new software that links TRANSYT 13 with VISSIM to provide optimised signal optimisation. Through TRANSYT 13 further detailed junction design and analysis is enabled. TRL has many customers around the world who use both pieces of software within their transportation planning and analysis and connecting the two packages provides an automated method of finding optimised signal settings in VISSIM. **Delma** International, an authorised PTV partner, is ideally placed to market and resell the two products to its local market and customers who have already purchased VISSIM. Ki-Joon, Vice President, of Transportation & Environmental research institute, a partner of the Delma International Company, saw the product at PTV's October user conference in Germany and said: ". . . I have a close relationship with my customers and this solution is just what they have been waiting for . . ." Ki-Joon is not the only person to see the obvious benefits. Closer to home Philip Leone-Ganado from Transport for London DTO, beta tested the software and said: "A user can be far more confident that the results from the link are the optimum timings compared to trial and error testing in VISSIM. This in turn will lead to less fine tuning of and improved on street timings . . . it reduces time required to fine tune a VISSIM model. With the link there is no need to manually input new timings, run the model and analyse the results as this is all done automatically."

Margarita time for Siemens

An order for the supply of ten traffic controllers has been placed with Siemens in the UK for installation on Isla Margarita, a mountainous tropical Caribbean island located off the north coast of Venezuela. Siemens is the main supplier of traffic signal equipment to this holiday destination. Having previously supplied traffic controllers to Isla Margarita, the new order includes eight ST700 pedestrian controllers and two ST900 high-



performance intersection controllers for installation by Siemens Venezuela. At its largest, Margarita measures 67 km from east to west and 32 km from north to south with 167 km of shoreline liberally dotted with inviting beaches. The average temperature is 27 degrees Celsius and the annual rainfall averages 27 inches resulting in mostly dry landscapes with some wooded areas and fertile valleys.

ITS Canada Announces Appointment of New Executive Director

ITS Canada's Executive Director Search Committee is pleased to announce a successful conclusion to their efforts. Widespread industry publicity, as well as advertisements placed in national media, concluded with over 40 applications of merit being received. Submissions were subsequently reduced to a 'long list' of candidates who were interviewed by the Committee.

The results were unanimous selection of the final candidate. The Committee is pleased to announce that **Carl Kuhnke** has accepted an offer to become Executive Director of ITS Canada, and will join the Society as of January 5, 2009.

Carl holds extensive managerial experience in both the private and public sectors. For the past eight years, he has been growing Canadian technology companies and their global business practices, as well as directing the business development initiatives of Canada's largest health sciences organization, the Vancouver Coastal Health Authority. In these capacities, he developed and implemented strategic business plans in fields as diverse as digital airborne remote sensing, and case management software for one of



Canada's largest human resource firms. Prior to that, Carl served in Canada's Diplomatic Service for many years as one of our Senior Trade and Investment Commissioners in the United States, Asia and Europe, as well as Ottawa. He catalyzed the export initiatives of Canadian technology firms, and recommended international strategic alliances to them. Among other positions, Carl has served as Director of Operations of the Science Council of British Columbia, Canada's Science and Technology Envoy to Asia (based in Tokyo), and Chief Executive Officer of the Canada-BC Business Service Centre in Vancouver. He is a past Board Member of the Victoria International Airport Authority, the Seattle Urban League, and the München Chapter of the Deutsche Industrie und Handelskammer (German Chamber of Industry and Commerce). Carl currently serves as one of three appointed Judicial Tribunal Members on the BC-Alberta Agreement on Trade, Investment, and Labour Mobility (TILMA). He also speaks German, French and Japanese. ITS Canada would like to thank the members of the Committee (Rob Shirra-Chair, Nancy Lynch, Jacques Legault and John Greenough) for their dedication to this effort over the past several months.

TRL Reports Published

CT29.6

Electronic Route Guidance- update (2006-2008) (Price £30)

PPR371

The Highways Agency Roadside Air Pollution Monitoring Network: 2006 by J M Green, IS McCrae, P Boulter, E Bendall, J Pittman, A Savage, D Carslaw (Price £45, code 4X)

For more information about any of the items in this Newsletter,
Contact mailbox@its-uk.org.uk

News from Members for inclusion in the February issue should be sent to
rlouis@its-uk.org.uk