



# Idris eye

[www.idris-technology.co.uk](http://www.idris-technology.co.uk)

Summer 2007

## In this issue

**DCS recruits**

**ITP News**

**Counting on a Community**

**World Congress Report**

**Project update**

**New Idris enhanced detectors on the horizon**

## Fiona

As many of you know, Fiona Lees, the joint founder of DCS sadly lost her long battle with cancer in November 2006. We'd like to thank you all for your kind words of condolence and sympathy. Your messages were a reminder of how much Fiona touched peoples' worlds both professionally and personally. Though she will be greatly missed, the technology Bob and Fiona started together will continue through the Idris team at DCS and the industry it was developed for.

## Additional Eyes for the Future

Mike Payne joined the Idris team at the start of 2007 and seems to have travelled the globe since, building and forging relations within our industry. He brings with him over 30 years experience in the Telecoms industry where he has been involved in all levels of operations worldwide. Although an electronics engineer by training, Mike also worked on product design and development within Vodafone. His role at DCS will enable further business development both in existing and new markets globally as well as ensuring Idris remains at the forefront of the vehicle detection and classification industry.

## 2007 IBTTA Sponsorship

Idris, once again, is supporting the ongoing work of IBTTA this year by sponsoring the two technical workshops and the Annual meeting. We've also teamed with IBTTA and OSI Laserscan to provide delegates with commemorative umbrellas celebrating 75 years of IBTTA. We hope to bring you our usual 'tasting' selections at the meetings, though for the annual meeting in Vienna - you'd better bring your dancing shoes! IBTTA offers our ITP's a means to network and explore the opportunities and advancements within the tolling industry and we hope our sponsorship of events heightens the experience.



Chestnut Farm,  
Dinton, Aylesbury,  
Bucks HP17 8UG

Tel: +44 (0)1296 747667

Fax: +44 (0)1296 747557

Email: [teri@diamond.demon.co.uk](mailto:teri@diamond.demon.co.uk)

[www.idris-technology.co.uk](http://www.idris-technology.co.uk)

Diamond Consulting Services Ltd. is registered in England No 2609993.  
Reg Office: Manor Courtyard, Aston Sandford, Bucks HP17 8JB



## Corporate Brochure

DCS have recently produced a corporate brochure outlining the Idris Technology and the function of DCS. The brochure will be made available to End Users, DoT's and System Integrators with the aim of concentrating our marketing efforts on Idris applications and the potential deployment across the rest of the world. The brochure focus's on Idris, its applications, the network of ITP's and their functionality - ultimately proving "Idris Works".

Those ITP's interested in obtaining copies for their own purpose should contact Teri England on +44(0)7976 307125 or email [teri@diamond.demon.co.uk](mailto:teri@diamond.demon.co.uk).

## IBI Group take ITP status

DCS are pleased to announce the signing of IBI Group as an Idris Trained Development Company. IBI Group were founded in 1974, with their head offices in Toronto, Canada and are a multi-disciplinary consulting organization offering services in four areas of practice: Urban Land, Facilities, Transportation and Systems. Through the application of technology and information, IBI offers intelligent transportation systems (ITS) and advanced public transport solutions to efficiently manage and operate transport systems. IBI Group not only develops dedicated systems, but effectively integrates systems and technology into their other core disciplines of land development, facilities and transportation creating more productive and attractive living and working environments. IBI will look to apply Idris technology into a variety of applications including road user charging schemes.

For further information contact:

Scott Stewart, IBI Group,  
230 Richmond Street West,  
5th Floor, Toronto,  
Ontario, M5V 1VA,  
Canada

Email: [ss Stewart@ibigroup.com](mailto:ss Stewart@ibigroup.com)

Website: [www.ibigroup.com](http://www.ibigroup.com)

## Nortech Delivers New Detectors and Idris hardware solutions

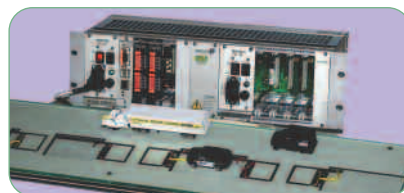
Nortech have produced a range of hardware solutions including two new detectors targeted at the higher end ITS applications. The TD624ID is an ideal detector for the collection of Idris data. The TD724ID is the latest generation in detection technology and provides improved sensitivities and remote configuration capabilities. IDR100 Idris Compliant Intelligent Eurocard Unit is designed to be flexible and adaptable to meet the toughest applications providing reliable and accurate, real time incident detection. The IDR112 is optimised for tolling and intensive roadside application and provides a flexible roadside detection module that has the ability to monitor 48 inductive loop inputs - 12 lanes of Idris!

For further information on these and other new products contact:

Brian Johnson,  
P.O. Box 4099,  
Willowton Hub,  
Pietermaritzburg, 3200,  
South Africa,

Phone: +27 33 345 3456

Email: [info@nortech.co.za](mailto:info@nortech.co.za)





## next issue

**Presenting at the RUC**

**Preclass Trials in the US**

**M42 - Active ATM in progress**

**Intertraffic 2008**

**IBTTA 75 years**

## Idris Community Website

The Idris Community website is now a year old. The site supports a core number of registered users providing a platform for discussion, question and answers as well as an aide for bug finding and trouble shooting. Two new areas have recently been added to Idris Community for the exclusive use of our ITPs:

ITP forums - these forums provide discussion areas for topics which may be of a more technically or commercially sensitive nature.

ITP Knowledge Base Area - this area is for in-depth articles and information that is only made available to ITPs.

However, remember this site is open to all – so please take a look. The Idris team aim to provide the support and knowledge our ITP's need in their efforts to provide a service to the Idris end user. Feed back and comments are always welcomed.

[www.idris-community.net](http://www.idris-community.net)

## Action at World Congress

The Idris team had a very successful week during World Congress, with enquiries and interest vastly exceeding our expectations. The stand was highly attended, very informative and our gifts and refreshments proved extremely popular as usual. The mock up test lanes and scaled cars proved very effective in demonstrating how Idris classifies and detects vehicles. Website activity and interest increased considerably following the first few weeks after the event and several enquiries have already become project potential. We will look to exhibiting at future events in support of our ITP's. Anyone interested in joint ventures should contact Teri England on +44(0)7976 307125 or email [teri@diamond.demon.co.uk](mailto:teri@diamond.demon.co.uk)

## Illinois ORT Complete

Illinois is the first state to convert all its barrier toll plaza's to Idris Open Road Technology (ORT), and now has arguably the most sophisticated toll collection systems in the industry. It collects approx 2 million toll transactions a day. ORT is a key component in the Illinois Tollways Congestion Relief Plan. By adding lanes to 117 miles of existing roads, and converting 20 mainline toll plazas to barrier free ORT they have already started to reduce congestion and travel times to the satisfaction of their customers.

## ITPs Supply Florida's Turnpike Enterprise

Florida's Turnpike Enterprise (FTE) is embarking on a major revamping project to convert and upgrade over 500 miles of roadways. FTE manages a 612-mile system of limited-access toll highways. The current toll system is a hybrid consisting of lane-based cash and electronic tolling elements. The ambitious new toll system replacement project being carried out will include somewhere in the region of 835 lanes of tolling from manual to high speed ORT. The specified Idris AVC technology will be implemented into all lanes including approximately 400 lanes of "pre-classification tolling". This is a key technical achievement for DCS and Idris with the introduction to Florida of Idris pre-class systems for automatic vehicle classification (AVC).

This system will provide for automatic cash payment for out of state visitors and electronic toll collection, (ETC – Sun Pass) for the convenience of in-state residents and frequent visitors. Idris will help to reduce congestion, increase throughput leading to increased revenue, whilst increased automation will lead to significantly reduced operator costs.