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KEEPING YOU UP TO DATE ON AUTOMATIC VEHICLE DETECTION AND CLASSIFICATION TECHNOLOGY

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The Magic of World Congress 2011

ALSO THIS ISSUE

DCS supports local event

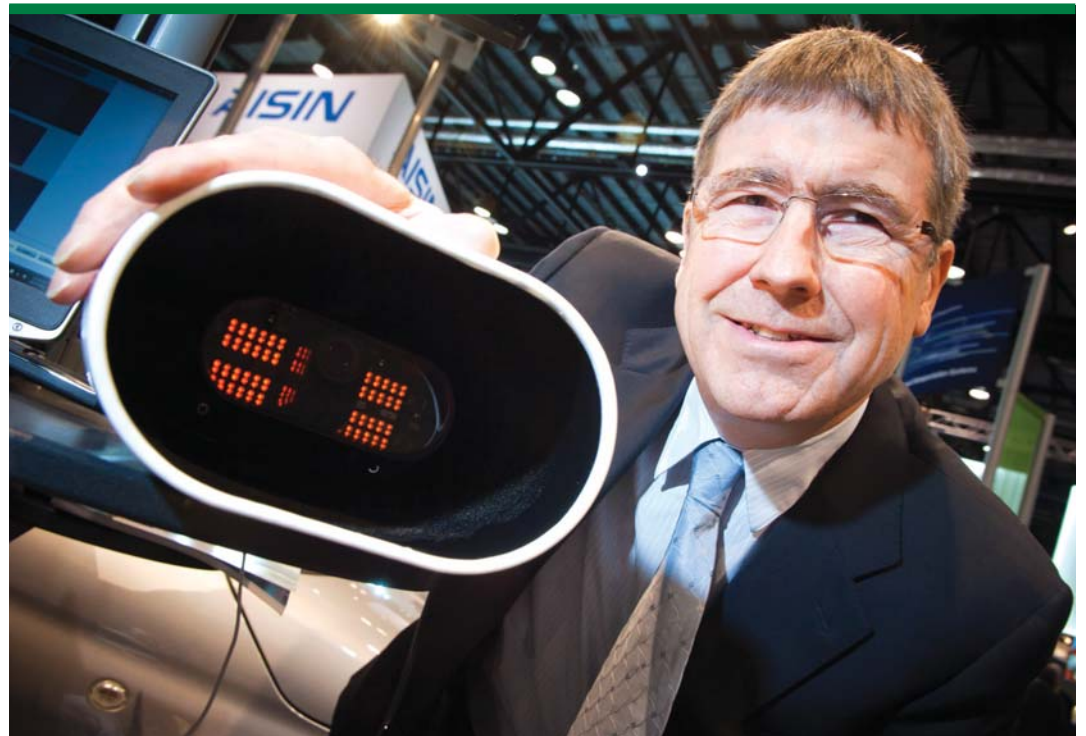
Sponsorship of the 5th Chinnor Beer Festival

Product Focus

Introducing the SF700 range of products

Introducing Eric Janke

Eric Janke joins DCS after working for IBM for 28 years as a research scientist, development engineer and technical salesman. While he has a doctorate in solid state physics he has spent over 18 years working on speech technology, helping to turn research ideas into market-leading products in consumer, telecommunications and automotive areas. In his role at DCS, he will be using these skills to explore new opportunities for Idris and expand its capabilities.



The magic of ITS World Congress took place in Orlando Florida earlier this month. Hosted by Transportation Society of America, the 18th World Congress on Intelligent Transport Systems featured ITS America's Annual Meeting & Exposition. The theme of the event was 'Keeping the Economy Moving' and featured more than 250 sessions, a wealth of exhibitors and countless networking events with ITS professionals from around the world.

Discussions and presentations featured and focused on new and emerging ITS technologies from all areas of the industry, including a presentation by Idris Technology's Business Development Manager, Mike Payne. The paper gave the industry an insight into a new and innovative product launched by Federal Signal

Technologies (FST). The product encompasses all the needs of the 'lane' in one package. A product which will have universal appeal, cover a broad spectrum of ITS needs by combining AVC, AVI and cameras into one compact system to feed a back office system with consolidated transactions.

This revolutionary complete micro lane controller system has been developed by Bob Lees and the FST team, and is based on the 'Plug & Play' concept used by Idris allowing it to be compatible with a host of manufacturers equipment.

For further information, please contact info@idris-technology.com or to see a copy of the presentation, please [click here](#)

DCS supports local festival

DCS continued its long standing tradition of sponsoring worthwhile causes this summer with the sponsorship of the 5th Chinnor Beer Festival. This annual event brought together local communities to enjoy live music and sample the delights of local traditional ales and ciders. In true Idris style and tradition, we sponsored the glasses from which the ales and ciders were tasted. The event was a great success and the total sum raised over the past few years topped the £13,000 mark. The funds will be distributed between numerous youth projects in and around the Chiltern area.



NEXT EDITION

- Product updates
- Future developments
- ITP updates
- Exhibition news



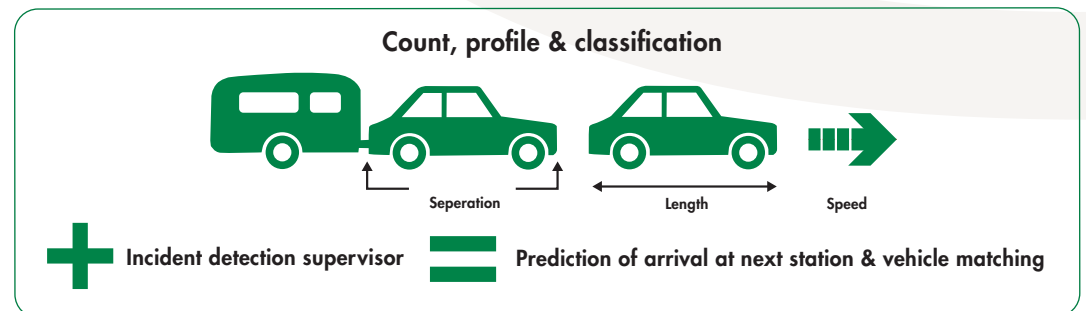
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Idris Special Function Applications: SF700 Range

The SF700 range of products has been developed to meet the wider ITS market segment demands. The products and applications are configurable to numerous project specific requirements.

The range consists of;

- SF701: Idris Profiling Product (IPP)
- SF710: Incident Detection System (IDS)



Idris Profiling: SF701

The SF701 profiler is based on analysis of the inductive loop profile to implement bus or vehicle priority schemes without the need for 'on board' vehicle technology. This product can be used to activate bollards, traffic lights or VMS signs.

Unique system features include;

- Dynamic signal processing.
- High speed communications.
- Pinpoints vehicle's position.
- Flexible class tree
 - customised to clients requirements.
- Identifies lane straddling.
- Not reliant on templates or matching.
- Distinguishes vehicle type using inductance profile.
- Vehicle chassis recognition features.
- Differentiates between buses and heavy vehicles without the need for a height sensor.

Incident Detection System (IDS): SF710

The SF710 IDS tracks vehicles on multi-lane roads and alerts traffic managers in the event of a stopped vehicle or exceptional incident.

The SF710 IDS provides four broad categories of information;

- Alarms, which notify the occurrence of exceptional events on the highway.
- Traffic information, sent at regular (configurable) intervals.
- Vehicle data, which consists of records generated each time a vehicle passes over a loop site.
- Status, which provides information regarding the roadside equipment, either on events or when requested by a higher level system.

The SF710 IDS enables safe and efficient administration of highway sections particularly where traffic levels may be reaching capacity.

The following areas are addressed:

- Rapid response to events on the highway
- Day-to-day traffic administration
- Support for legal issues (reconstitution) if accidents occur
- Long term congestion and capacity expansion planning
- Deep off-line analysis of traffic behaviour

For further information about the SF700 range, please email info@idris-technology.com