



SatNav and Mapping
10:00 to 16:30 Wednesday 17 October 2007

The Catalyst Room, Intellect Conference Suite
Intellect, Russell Square House 10-12 Russell Square London WC1B 5EE
Map: <http://www.intellectuk.org/images/stories/intellect/map.jpg>.

This workshop is jointly arranged by Intellect, the Location & Timing KTN and the Royal Institute of Navigation.

It follows on from a number of sessions earlier in the year where stakeholders involved in the supply and use of Global Navigation Satellite System (GNSS) technology were brought together to explore the reality behind reported problems experienced by users, understand the causes and identify possible solutions.

The workshop on 17 October will look at how to get mapping data to the device including how to cut the 18 months it can take at the moment. In addition the results from the DfT Public Consultation on Review of In-Vehicle Information Systems (IVIS) Legislation, if published, will also be addressed.

Invited stakeholders include Department for Transport, Local Authorities, Mapping Companies, Routeing and Device Manufacturers, Retailers, Communications Providers.

Imagine the scenario where changes to the master-map will be made on the same day that road changes are made on the ground and consumers can benefit from these changes - on the same day - and automatically.

The workshop will address the feasibility of the above vision by looking at:

- ?? What is required to update master-maps on a daily basis?
- ?? How can SatNav users benefit from master - maps updated on a day basis
- ?? How can the SatNav Industry benefit from updating the master map on a daily basis

To register for this workshop please e-mail camilla.young@intellectuk.org or phone Camilla Young on 020 7331 2028
There is no charge for this workshop.

If you are able to contribute to any of the sessions or if you require further information please contact Jennifer Carlton jennifer.carlton@intellectuk.org, M: 07834 027 576.

Intellect: Intellect is the UK trade association for the IT, telecoms and electronics industries. Its members account for over 80% of these markets and include blue-chip multinationals as well as early stage technology companies. These industries together generate around 10% of UK GDP and 15% of UK trade. www.intellectuk.org

The Royal Institute Of Navigation (RIN): RIN is a learned society. Its objects are to unite in one body those who are concerned with or who are interested in navigation and to further its development. www.rin.org.uk

Location & Timing KTN: The Location and Timing KTN is a managed network of more than 450 organisations (800 members) which research, develop, operate and apply location and timing technologies. It was established by the DTI in recognition of location and timing's strategic importance to the UK economy. The L & T KTN team works with industry and researchers to exploit knowledge and connect companies to emerging technologies and the best international research and practice. http://ktn.globalwatchonline.com/epicentric_portal/site/lat/menuitem.17bca97899e385a6f430932067d001a0/

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Agenda:

Opening from the Chair

Introduction

Setting the scene

Session 1

What are the challenges to having timely maps?

- ?? What information* is held at the moment?
- ?? Where is it held?
- ?? How is it held?
- ?? How is it shared?
- ?? How might the consumer contribute mapping information

*Information includes: new roads, speed limits, layout changes, temporary closures, suitability for different vehicle types etc.

Session 2

Contribution: Sharing the geographical information with the map makers;

- ?? What standards exist now, or are planned?
- ?? Is there a role for a GIS integrator?
- ?? HGV maps

How is information gathered, what data does the mapmaker require, use of standard interfaces, is there a need for further standards. Is there an opportunity to speed up the process?

Session 3

Distribution: Updating the satnav device, technical aspects

- ?? Incremental downloads via wireless direct to the device, or via connection to a broadband-connected PC

Session 4

Distribution: Updating the SatNav device, commercial / regulatory aspects

- ?? Business Models
- ?? Role of the retailer
- ?? Responsibilities of the consumer
- ?? Regulation

Session 5

What needs to happen to implement the vision?

- ?? Standard?
- ?? Information sharing?
- ?? Configuration control?
- ?? Communication?
- ?? Business Models?