

What's on

The calendar below shows key events over the coming year or so, from RTIG and other key industry bodies. For further details of RTIG events please contact secretariat@rtig.org.uk

Information presentation WG

14 November 2017, London

RTIG Committee

20 November 2017, London

CEN TC278 WG3 SG1

TBC

RTIG Workshop – the future of communications

7 December 2017, Guildford

PTIC

6 February 2018 (TBC), London (TBC)

Spring Meeting and AGM

March 2018, details TBC

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* = *To be confirmed*



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RTiG workshop: connected vehicles

As we mentioned in the last newsletter, the next RTiG workshop will be on the topical theme of connected vehicles. It will take place in Guildford, on Thursday 7 December.

As usual, we're bringing together experiences from both the public sector and the private sector. From the public sector, we have Simon Reed (TfL) speaking about the current trials of standards-based architectures (on bus, over the air and back office) as part of the EBSF2 project; we also have Andy Radford (Birmingham City Council) speaking about some current trials of connected vehicles in the West Midlands, focusing on vehicle-to-traffic-signal links.

Of course, successful implementation requires well engineered systems, so we welcome a number of supplier presentations too. Sebastian Kriegler (Init) and Olivier Cabut (Engie Ineo) will speak about their experiences during the London EBSF2 trials, and about their thoughts as suppliers for how future systems will be engineered. They will also be able to give us some broader perspectives of the market as seen from mainland Europe. There are some interesting concepts for the over-air link emerging (which may impact on RTiG's own over-air interface standard). We hope also to have a speaker from Trapeze (this is subject to final confirmation).

Finally, we'll discuss some broader views of the connected systems marketplace, including the current line from the European Commission, standards bodies, and international study results. With a particular focus on the UK, we are delighted to welcome Martine Harvey from the Transport Systems Catapult to present their current research into the urban connected vehicle marketplace.

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A full agenda will shortly be circulated to members (who have free places) but non-members are also welcome for a small fee. Please contact us for details.

New open protocol for accessibility information - update

In recent discussions, the Committee has confirmed the RTIG line on the updated REACT protocol (or family of protocols).

While we are not in a position to formally endorse it, as it is a commercial offering and subject to certain licence conditions, we are very pleased with the progress that has been made towards a much more open approach. We believe that this has the potential to significantly enhance the presentation of relevant information to disabled passengers, in particular those with visual impairments, as well as to encourage a more open marketplace of information service providers.

We are therefore happy to encourage local authorities (and operators, and third parties) who are looking to enhance their public accessibility to explore the new REACT as an option.

An updated position paper has been drafted by RTIG and is available on the website.

Oh, and a request: if you do follow up this option, we'd be very interested to learn how it goes. Real practitioner experience will be invaluable to ensure that our advice to members is kept accurate and relevant.

N E W S A N D E V E N T S

Current Working Groups

The following Working Groups are currently active:

- **Information presentation WG** – unfortunately we had to postpone the meeting scheduled for 19 September, which is intended to focus on the update to RTiG’s guidance on *Meeting the needs of disabled travellers*. The next meeting is now planned for 14 November, in London as usual.
- **PTIC** (joint with ATCO and Traveline) – the group met on 3 October to discuss various issues of data standards and management. The next meeting is being arranged, probably for early February 2018.

If you don’t yet participate in one of these groups but would like to do so, please contact us at secretariat@rtig.org.uk .

Did you go...?

RTIG supported two commercial conference events in the past month, and arranged for members to have access to beneficial delegate rates: Smarter Travel LIVE! 2017 (Milton Keynes, 19-20 October) and Intelligent Transport 2017 (London, 31 October), in which we spoke and ran a session.

We saw a few familiar faces around, but we're keen to know what you thought of these events. Obviously we are keen to ensure that we support, advertise and attend only those events which are most useful for RTIG members.

So: did you go? Did you enjoy them? Do you have any feedback? Are there other events we should work with? Please let us know!

Update to BusFMS standard

BusFMS is an industry standard driven by major manufacturers (Daimler, MAN, Scania, Volvo, IrisBus and VDL) designed to enable third parties to get access to vehicle data. It is based on the FMS standard for trucks (SAE J1939).

The Bus-FMS-Standard interface is an optional interface of different manufacturers of buses and coaches. Supported information is dependent upon vehicle equipment. For the full information set, additional Electronic Control Units (ECU) may be required. Please contact the manufacturer.

<http://www.fms-standard.com/Bus/index.htm>.

Bus Services Act: open data update

DfT has just published its latest progress update on the implementation of the open data aspects of the Bus Services Act. The main highlight is this:

The Department for Transport (DfT), in collaboration with the ODI, will be holding three workshops during November and December. These workshops aim to give interested stakeholders an opportunity to share their views on the open data policy and also provide solutions as to how data provision can work in practice.

These workshops will be in London (23 November), Birmingham (29 November) and Leeds (6 December). If you are interested, let us know and we can provide details of how to register.

You can send any comments or questions directly to busopendata@dft.gsi.gov.uk.

Keeping in touch with you

As well as keeping you up-to-date with all the latest news from RTIG, this newsletter aims to provide a community forum for members. We therefore offer RTIG members the opportunity to submit a short article here on any issue or innovation that might be of interest to the community.

There are two ways of becoming involved in this:

- ▶ Email pieces to us when you have them – press release format is fine and pictures are welcome.
- ▶ Nominate a marketing contact who will be included in the editor's monthly process of 'chivvying'.



IVU and Transdev sign framework agreement for integrated ticketing solution

IVU and Transdev have signed a framework agreement to provide an integrated ticketing system for all subsidiaries. IVU provides software and hardware for all Transdev's buses and the data hub for Transdev's central AVL system in Germany.

With 43 subsidiaries, including 27 operating in the area of bus transport, the Transdev Group is the largest private rail and bus operator in Germany. The company has around 1200 buses providing reliable public transport services, particularly in more rural areas. Until now, each subsidiary was able to choose the provider of its respective ticketing system. The new framework agreement between Transdev and IVU will now make decision making easier. This should not only harmonise the Transdev Group's fare management as a whole in the long run but also improve the management of vehicle data in the company's AVL system for Germany as a whole.

With this agreement, the subsidiaries of the Transdev Group will receive, as required, products that come with the IVU.suite for handling all ticket sales activities, ranging from IVU.fare for settlement and fare management to the IVU.ticket.box on-board computer for selling tickets in the vehicle. The computer serves as a vehicle environment interface and gathers all data and transfers it to the IVU.fleet data hub which then feeds the data to the central AVL system at Transdev. The entire on-board system is fully compatible with IBIS-IP and can already be used for e-ticketing. The framework agreement has an eight-year term with a minimum volume of 600 vehicles.

www.ivu.com

Hogia's cloud solution takes Danish bus services into the future

In collaboration with Hogia, Movia has introduced a new way of managing real-time information to and from its buses. The result is a new basis for the division of responsibility for the technology in buses between the public transport authority and bus operators, which gives greater freedom and lower costs.

Movia, which is responsible for bus services in Copenhagen and the Zealand region, has introduced a new and simpler solution, in collaboration with Hogia, for managing real-time data to and from its 1600 buses. Advanced on-board systems are no longer needed to keep track of the buses' positioning in relation to their scheduled routes. The vehicles' GPS coordinates are instead sent to Hogia's central cloud-based system. With Hogia's new concept, Movia can make good real-time forecasts and it is no longer Movia's responsibility to equip and maintain the buses. Movia can centralise the monitoring and maintenance of the traffic information system where the resources are and hand over responsibility for the technology on the buses.

The objective is that all Movia's 1600 buses send their GPS coordinates to the central system once a second. This means there are over 100 million data transfers every day. The central system holds information about all the bus routes which it uses to produce all the updates, alterations and maintenance of the system. All the service information displays on the buses are updated from the cloud in real time, something which in the past could take a long time, as the systems on the individual buses had to be physically updated. All events for all the buses are logged in the central system which creates new opportunities in terms of following up on what happens in traffic and how timetables can be analysed and planned.

www.hogia.com

New displays for Chester Bus interchange

21st Century Technology has designed and manufactured a range of new display units for Chester Bus interchange, all with new features to benefit passengers and the station operator, Cheshire West and Chester Council.

The new features include a fire alarm interface which links with the fire safety system and automatically displays the nearest exit routes when an alarm is triggered. The bay displays also include a Stand Charging module, which takes data from scheduled and real-time information and creates an automatic report for attendance charging for operators, saving hours of manual record-keeping and report production.

All the displays are connected to 21st Century's Content Management System, allowing Chester to design templates and control the layouts of the information displayed on the screens. 21st Century is supplying nine Above Bay and four Column Mounted rugged TFT displays, plus a Summary Rugged TFT display, all with RNIB REACT fob technology. The contract also includes an interactive touchscreen Journey Planner.

www.21stplc.com

INIT revolutionises e-fare with open payments system in Portland-Vancouver Metropolitan Area

In partnership with TriMet, C-TRAN and Portland Streetcar, INIT has delivered the final element of the newly launched Hop Fastpass™ e-fare system. Since August the open payments component has been in operation within the Portland-Vancouver Metropolitan area.

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Regional riders can now pay for fares using a mobile wallet such as Android Pay, Apple Pay or Samsung Pay, as well as any contactless bank card. They simply tap their phone or card on any of the 1200 INIT validators and hop on board the Portland Streetcar, C-TRAN buses including The Vine, TriMet's buses, MAX light rail and WES Commuter Rail.

Having the ability to pay with a credit card or mobile wallet frees riders from the worry of how many or what kind of tickets they should buy. They simply tap, hop on and ride. A further advantage of the system is the daily fare capping. This way, riders never have to worry about spending more than needed on public transport.

www.initse.com

A D M I N

Management Committee Members

The Management Committee for the year 2017-18 was appointed at the AGM on 15 March 2017. Membership is currently as follows:

Chair: vacant

Members: David Gill (WYCA), Andrew Wilson (Solent), Russell Gard (Nimbus), Darren Maher (21st Century), Tony Brown (Atkins), Martyn Lewis (Stagecoach), Tony Pettitt (Reading Buses), Sherri Davies (DfT)

David Gill was appointed Deputy Chair at the first Committee meeting of the year, and is acting as chair for the time being.

Contact us

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Next issue

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Please send all contributions to secretariat@rtig.org.uk at any time up to Monday 27 November, 2017.

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