

## What's on

The calendar below shows key events over the next few months, from RTIG and our associates. For further details of RTIG events please contact [secretariat@rtig.org.uk](mailto:secretariat@rtig.org.uk)

### **RTIG Committee**

23 January 2018, London

### **PTIC**

5 February 2019, London

### **Workshop**

7 February 2019

Data – Getting the foundations right,  
Manchester

### **Workshop**

March 2019 (in combination with the AGM)

On the topic of Industry Readiness for the  
Bus Service Act

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S****Business Plan 2019**

Now we are at the start of 2019 it is time to start to consider what RTIG should be doing for the period from April.

If you have anything that you would like to see RTIG involved in, producing or organising during 2019 then please get in touch with Tim [tim.rivett@rtig.org.uk](mailto:tim.rivett@rtig.org.uk)

**Newsletter Frequency and Email Alerts**

The production on Newsletters is now back on a monthly cycle.

They will be posted on the RTIG website and emailed out to the newsletter contact list.

The email list has been re-started having been reduced to core RTIG member contacts to ensure it is compliant with data protection laws.

If you think a colleague or contact would benefit from receiving the RTIG newsletter then please ask them to fill out the form on the website or use the QR Code.



Newsletters will be emailed out once per month.

There are a number of different areas where work is developing at a pace and it is likely that there will be some short notice events being run and information requests needing quick responses.

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Where these occur, we will use the newsletter list to get the message out as quickly as possible rather than waiting for the newsletter. We will try to keep these to a minimum.

### **Workshops**

We are planning two workshops in the near future.

The first will be held on 7<sup>th</sup> February 2019 at the The Mechanics Centre, Manchester and will be on the topic of 'Data – Getting the foundations right'.

It's been a while since we have focused on the core building block of real time information and this event will be a good reminder for experienced, and introduction for newer members on the core data it takes to ensure customer information is accurate and timely. In addition, we will look to the future and the recent and pending developments in NeTEx.

To book tickets for this event visit:

<https://www.eventbrite.co.uk/e/rtig-workshop-data-getting-the-foundations-right-tickets-54408199389>

The second will be on the day of the AGM, as per tradition, and be focused on the topic 'Industry Readiness for the Bus Service Act'

More information to be published as soon as possible.

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S****'Dummies Guide' to real time system and procurement**

The committee is working on a 'Dummies Guide' to real time systems and best practice when procuring a new or replacing a system.

If any members have recently carried out a procurement and have any advice or experience you wish you knew before you started then please get in contact with Tim [tim.rivett@rtig.org.uk](mailto:tim.rivett@rtig.org.uk) .

**Department of Transport Real Time Open Data Survey**

RTIG on behalf of the DfT has recently run a survey of Bus Operators and Local Authorities in order to clarify the current position regarding the provision of Real Time Open Data around the community.

Many of you will have received a request to complete the survey. Thank you for those who took the time to do so.

The results will be now analysed and reported to the Department.

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

## Current Working Groups

The following Working Groups are currently active:

- **PTIC** (joint with ATCO and Traveline) – met at Arriva in Luton, on 5 June 2018, with its usual wide ranging discussion on standards issues with a particular focus on the work being carried out on NeTEX profiles and Bus Service Act. The next meeting has been arranged for 5<sup>th</sup> February, 2019, at CPT in London.
- **Dummies Guide** The committee is working on a 'Dummies Guide' to real time systems and best practice when procuring a new or replacing a system. If any members have recently carried out a procurement and have any advice or experience you wish you knew before you started then please get in contact with Tim [tim.rivet@rtig.org.uk](mailto:tim.rivet@rtig.org.uk)

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](mailto:secretariat@rtig.org.uk) .

## **SIRI Standards Working Group**

The CEN SIRI standards group is over the next few months going to be updating SIRI SX. This is initially to address the inconsistencies between the official documentation and the latest version of the XSD (the technical schema); these changes will be released as version 'q' during 2019.

Once this is completed work will start on a more major update to SIRI as a whole to address issues being identified in implementations. At the moment there is a hard link between SIRI and other standards such as TPEG and DATEX. These standards are evolving and the latest versions of these are not backwardly compatible which leads to implementation challenges with SIRI.

The current discussions are about making links to other standards less tightly defined than currently to enable future changes to SIRI and other standards to be updated more easily.

If you have any views on SIRI and changes you would like to see or would like to be kept more directly updated as work progresses please get in contact.

## **DfT Bus Open Data public consultations**

The DfT ran two consultations over the summer on Bus Open Data under the headline 'Bus Services Act 2017: Improving Information for Bus Passengers' and 'Accessible Information' policy proposals.

The results of these are being reviewed and analysed by the department with results expected to be published in late January 2019.

## CCS publicises details of smart cities programme

After discussing the concept at the ITS (UK) Summit in Bristol last month, Crown Commercial Service has republished details of its Smart Cities – Transport Technology Infrastructure programme.

It says Transport Technology Infrastructure will enable the UK public sector to buy infrastructure for smart cities, plus traditional transport technology and will build on the success of Traffic Management Technology 2 (RM1089) through which the core components of highway technology – from street lights to road sensors – and supportive smart infrastructure can already be purchased.

Transport Technology Infrastructure will provide an easy route to market to purchase all highway and transport infrastructure, with or without a smart technology overlay

Some examples are:

- Street lighting
- Parking systems
- Traffic monitoring and management
- Environmental monitoring

### Timelines

Activity	Date
Market engagement	June 2018 to Summer 2019
Phase 1 – Discovery	June 2018 to September 2018
Phase 2 – Consultation	October 2018 to Spring 2019
Phase 3 – Blueprinting design	Spring 2019 to Summer 2019
OJEU publication	Autumn 2019
Contract award	By Spring 2020

CCS says it values industry's opinion of Smart technology, the structure of Traffic Management Technology 2 and what you would like to see from

its replacement, Transport Technology Infrastructure, adding “To let us know what you think, please share your views with us.”

The survey is open until Monday 21st Jan 2019 .

Market engagement workshops to discuss themes from its market survey will take place at Highways England’s office in Birmingham on:

Friday 25th January 2019, customers only:

<https://www.eventbrite.co.uk/e/transport-technology-infrastructure-workshop-for-public-sector-buyers-tickets-53241736467>

Friday 1st February 2019, suppliers only:

<https://www.eventbrite.co.uk/e/transport-technology-infrastructure-workshop-for-public-sector-suppliers-tickets-53100922288>

### **Transport Committee publishes report on Mobility as a Service**

Following its call for information in 2017 and early 2018 the Transport Committee has published its report on MaaS:

<https://publications.parliament.uk/pa/cm201719/cmselect/cmtrans/590/full-report.html>

### **The Fundamental Principles of Automotive Cyber Security**

BSI has now published their Publicly Available Specification: The Fundamental Principles of Automotive Cyber Security.

As more information systems on vehicle become connected to the vehicle itself and to off vehicle back office functions some or all of which are provided by different companies the security and

# I N O T H E R N E W S

integrity of the systems becomes increasingly important to consider.

This document sets out fundamental principles on how to provide and maintain cyber security in relation to reducing threat and harm to products, services and systems within increasingly connected and collaborative intelligent transport ecosystems.

The concept of an automotive ecosystem encompasses:

- Vehicles
- Related infrastructure, including road-side and remote systems that provide services to the vehicles, their operators, occupants and cargo
- The human elements, including vehicle owners and/or operators, designers, manufacturers and service providers

This PAS applies to the security and functional safety aspects of the entire automotive development and use life cycle, including specification, design, implementation, integration, verification, validation, configuration, production, operation, servicing and decommissioning. A lifecycle approach is required to tackle all the risks that will arise from a constantly changing threat landscape, so as to protect vehicles and vehicle-related systems once they have been delivered to the market.

<https://shop.bsigroup.com/ProductDetail?pid=000000030365446>

## **Shenzhen's silent revolution: world's first fully electric bus fleet quietens Chinese megacity**

Following the introduction of the world's first (?) 100% electric bus fleet you would expect the normal statements about CO<sub>2</sub> savings and pollution benefits. In Shenzhen the reduced noise is a noticeable benefit.



<https://www.theguardian.com/cities/2018/dec/12/silence-shenzhen-world-first-electric-bus-fleet>

# M E M B E R S N E W S

## 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'.



## Two million scans for 21<sup>st</sup> Century QR codes & NFC tags in West Yorkshire

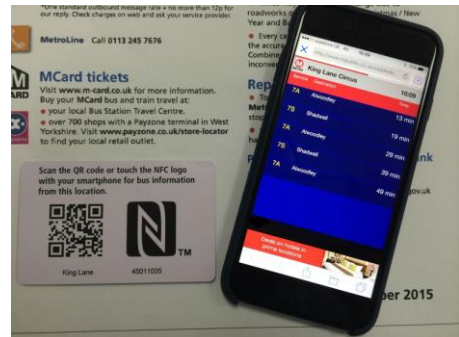
Two million scans of Quick Response (QR) Codes and Near Field Communication (NFC) Tags which have been supplied by member 21<sup>st</sup> Century have now been made at West Yorkshire bus stops by passengers seeking real time information about service arrival times.

A QR NFC tag on a West Yorkshire bus stop  
The landmark two-millionth scan was made on 1 December at one of the county's 14,500 bus stops and shelters fitted with QR codes and NFC tags on timetable displays by the West Yorkshire Combined Authority. This enables customers to use their smart phone with a QR Code reader app downloaded from apps stores such as Goggle Play and Windows Store to see when their next bus is due at that particular bus stop.

The most-scanned stops in West Yorkshire's five districts for

2017/2018 were located on Thornton Road, Bradford; Illingworth Road, Illingworth; Spen Lane, Cleckheaton; The Headrow, Leeds City Centre; and Aire Street, Castleford.

"Our aim is to make public transport more attractive and easier to use and with 2,000,000 scans now made, QR Codes and NFC Tags are making a significant contribution to achieving this," says Cllr Kim Groves, Chair of the West Yorkshire Combined Authority's Transport Committee



### TfL migrate 9,250 buses to digital PMR

Transport for London have successfully migrated their fleet of buses to a new Tait Radio digital PMR network after 6 months of planning and preparation.

Some impressive numbers involved:

## TfL Bus Radio Rollout

in numbers

**9 250**



Bus radios have been installed to date

**98%**  
of the fleet

now has a brand new digital radio

installed at

**10**

Base sites kitted out

and

**80**

Garage locations

in

**6**

Months

delivered by

**1**

Combined project team across three continents

to



after some final system checks we will be ready to provide

the capacity to make up to

**100,000**

calls per day on Europe's



**24,000**



Digital Radio users across London

**29.11.18**

**LARGEST**

Private Mobile Radio Network

The live DMR cutover begins

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N****Management Committee Members**

The Management Committee for the year 2018-19 was appointed at the AGM on 19 March 2018. Membership is currently as follows:

Chair: Andrew Wilson (Solent)

Members: David Gill (WYCA), Russell Gard (Nimbus), Darren Maher (21<sup>st</sup> Century), Tony Brown (Atkins), Chas Allen (Stagecoach), Tony Pettitt (Reading Buses), Meera Nayyar (DfT)

Darren Maher has replaced Dr Richard Holland as the 21<sup>st</sup> Century representative on the Committee.

**Contact us**

Best by email: [secretariat@rtig.org.uk](mailto:secretariat@rtig.org.uk).

<https://www.linkedin.com/groups/8557065>

**Next issue**

Issue 114 – Friday 1<sup>st</sup> February 2019.

Please send all contributions to [secretariat@rtig.org.uk](mailto:secretariat@rtig.org.uk) at any time up to Friday 25<sup>th</sup> January 2019.

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