

## 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

20 January 2020, London

### PTIC

18 December 2019, London – BoDDS  
11 February 2020, Preston

### Workshops

4 December 2019, Leeds – TfN Disruptions Profile

### Conferences

Transport Technology Forum  
4-5 March 2020, Bristol

### Working Groups

Integrating Disruption Information

Procurement Advice

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## Newsletter Frequency and Email Alerts

The newsletters are produced on a monthly cycle.

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

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.



## RTIG on Twitter

RTIG is now on twitter as @RtigInform

<https://twitter.com/RtigInform>

## Working Groups

These working groups are now underway, its not too late to become involved – just get in contact:

### Integrating Disruption Information

There are many different systems where disruption information is available which are not normally part of the customer information process. This group will investigate how to practicably integrate the disparate systems in use across public transport: to provide more and consistent

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disruption information and if appropriate, to produce an advice document

## **Procurement Advice**

This group is working to produce a 'Dummies Guide' to real time system procurement. An initial draft is already available.

We are still looking for volunteers to become involved in these groups which are about to be starting work:

## **Maintaining an efficient and effective RTI system**

Whether you have you have just invested in your shiny new or upgraded system or if you've been running one for years, the challenge of how you maintain it is common to everyone.

We aim to provide an advisory guide on the best practice for keeping a real time system working efficiently and effectively.

## **Accuracy and quality of real time predictions**

Following questions at the last two workshops there it is clear that there is not sufficient common understanding across the community on how to effectively measure the performance of predictions.

This group will produce a guide on how to measure the quality and accuracy of predictions.

If anyone wants to become involved in any of the groups then please feel free to discuss or commit by getting in contact with Tim [tim.rivett@rtig.org.uk](mailto:tim.rivett@rtig.org.uk) .

## Business Plan 2020-21

Now we are in the latter part of the 2019/20 business plan year it is time to start to consider what RTIG should be doing for the period from April 2020.

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).

## RTIG Website Redevelopment

The current RTIG website has been in its current guise for many years and is now looking its age.



The screenshot shows the RTIG website homepage. At the top left is the RTIG NFORM logo with the tagline 'improving public transport through technology'. To the right of the logo is a navigation menu with links for Home, Member's Login, print this page, and sitemap. Below the logo is a search bar and a main navigation menu with links for About us, Activities/news, Events, RTIG documents, Contact, Links, and RTIG views. The page is dated Sunday, December 01, 2019. The main content area is divided into several sections: 'Latest news' with a link to the November 2019 Newsletter; 'Newsletter' with a sign-up link and information about previous editions; 'Transport for the North Disruptions Messaging Project' with details about a supplier workshop and a draft profile; 'Upcoming events' with a list of meetings; and 'Member's login' with a form for user name and password. A 'What is RTIG?' section is also visible at the bottom.

We want to re-develop the site from scratch starting in the new year.

If you or your company have web design and development skills then please get in touch with Tim [tim.rivett@rtig.org.uk](mailto:tim.rivett@rtig.org.uk) and we can discuss the opportunity further.

## RTIG Brand Refresh

The current RTIG style has been in its current guise for many years and over the next few months a new fresher look will be rolled out as documents are updated.



### Benefits of RTIG

**Who we are**  
Established in 2000, RTIG is a community organisation which brings together public and private sectors, to achieve effective and efficient use of technology in passenger transport.  
We operate as a subscription organisation with over 50 members – primarily based in UK, but some in mainland Europe and a few beyond.  
Our members include all sectors involved in delivering public transport technology: Bus operators, local authorities, government departments, suppliers and consultants.  
While there is a technical edge to what we do, our aim is to keep our feet firmly on the ground. RTIG's work aims to address core issues like operational efficiency, punctuality and passenger satisfaction.

**Member Support**

Through RTIG events and seminars you have access to experts who you can talk to with a track record of delivery and who are willing to share their knowledge for the common good.  
*Supplier Member*

RTIG standards and guidance is impartial and trusted by all sectors providing a unique resource.  
*Local Authority Member*

RTIG's regular Workshops, and our extensive range of topic-focussed working groups, give our members regular opportunities to meet other experts in the field.  
Invited speakers with particular insight contribute to workshops to ensure that RTIG members are kept abreast of new developments. We produce, in conjunction with our members, advice and guidance to help ensure you have the knowledge to be able to develop, deliver, operate and support your customer information technology in the most efficient manner.  
Our experience and expertise as a collective is recognised by government departments with whom we work with to influence new legislation and guidance to ensure it is appropriate and workable in practice.  
The monthly newsletter keeps you up to date with the latest developments in the industry as well as our events and working groups.

“ We see our continuing membership of RTIG as important to maintaining and developing our customer offer. The guidance and standards provide a solid foundation for innovation”  
*Bus Operator Member*

“ RTIG's unique benefit is the mix of all sectors of the industry helping share experience for everyone's benefit.”  
*Consultant Member*

 [RTIG.org.uk](http://RTIG.org.uk)



RTIG is a trade body for public transport technology stakeholders.  
Our members are local authorities, bus operators, system suppliers and consultants.

### How can we help?

RTIG works on behalf of its members and the wider industry, delivering benefit through:

- An extensive and continuously evolving technical library
- Good practice guidelines to help members achieve successful implementation
- Working with Governments to help policymakers stay informed on real-world issues
- Regular workshops, enabling members to discuss concerns and share experiences
- Using our national buying power to secure excellent value framework contracts
- Support to the development of standards, at UK and European levels.

 [rtig.org.uk](http://rtig.org.uk)  
secretariat@rtig.org.uk

## Photo Library

To help liven up RTIG printed and digital outputs we are interested in receiving any images of public transport information real time or otherwise that you would be happy for us to use.

We will of course credit the appropriate source if published.

If you have any material you would be able to let us have access to please contact Tim [tim.rivett@rtig.org.uk](mailto:tim.rivett@rtig.org.uk)

## Transport for the North Disruptions Profile Workshop

Transport for the North are developing a disruption data profile to enable the sharing of disruption data between systems.

This RTIG & Transport for the North workshop will introduce the proposed SIRI SX profile and provide a forum to ask questions, review the detail and enable Transport for the North to ensure that the final profile will meet supplier requirements and help deliver the expected outcomes.

This event is for system suppliers and a technical understanding of SIRI and disruption data will be required.

The current (draft) agenda is:

- Welcome & Introductions
- Background to the TfN Disruptions Project
- Introduction to SIRI SX
- Example use cases
- Proposed SIRI SX Profile
- Review & discussion on proposed SIRI SX profile
- Future changes roadmap

To sign up to attend this workshop please use the eventbrite link:

<https://www.eventbrite.co.uk/e/transport-for-the-north-disruptions-profile-workshop-tickets-78442729315>

## Exchange of Disruption Information using SIRI SX Technical Document

The supplier workshop being run by RTIG & Transport for the North workshop will introduce a proposed SIRI SX profile, review the detail and enable Transport for the North to ensure that the final profile will meet supplier requirements and help deliver the expected outcomes.

The draft of the profile and initial guidance can be reviewed in the public documents section of the website.

<http://www.rtig.org.uk/web/Portals/0/RTIGT038-0.3%20-%20SIRI-SX%20Draft%20Schema%20Profile.pdf>

During the review phase which will run to the end of December welcome comments and feedback.

### **RTIG in the Connected World – Discussion Paper**

The committee has produced a discussion paper on the future direction of RTIG in the increasingly connected work.

The paper can be found here:

<http://www.rtig.org.uk/web/Portals/0/RTIGS014-1.0%20RTIG%20in%20the%20Connected%20World.pdf>

It is this paper's assertion, that whilst RTIG's original aims have been met, there is an increasing need for the organisation to take a wider role to encompass other modes and interfaces - particularly other smart systems that influence relationships with public transport travel.

These could include fares, journey purpose data, journey personalisation and planning data, travel integration into smart cities, update and new standards such as NeTEx and ticketing implementation.

It suggests that our scope be increased to consider:

- Designing standard passenger / consumer information interfaces between modes – rail and tram, demand-responsive and non-emergency ambulance systems, micro mobility, taxis etc. (MaaS and Total Transport) as and when needs

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emerge, and in line with member and market expectations;

- Defining interfaces and protocols between systems that enable better journeys but are not directly related to the journey itself – Railway station ‘Concierge’ systems, city wide mapping systems, Airport and airline systems, smart city systems;
- Advising on the use and suitability of data sets that enhance travel decision making including fares, alternative, cross modal disruption, weather, personalisation preferences and accessibility requirements.

The committee is seeking your views, thoughts and comments to help guide the future direction and work plans of RTIG.

Please pass them to Tim at [tim.rivett@rtig.org.uk](mailto:tim.rivett@rtig.org.uk)

## Cyber Security

The DfT is about to start two studies into cyber security issues in ITS and highway infrastructure.



The Signposting Cyber project will investigate the current state of understanding of cyber issues in the ITS sector, while the Lighting the Way project will focus on the ways in which cyber security issues are being addressed in current and future infrastructure equipment. Both these projects will be looking for input and will deliver valuable support and guidance in this area

## Transport Technology Forum Conference postponed

The TTF conference which was scheduled for November has been postponed because of purdah coming into effect.

The TTF has decided to postpone the annual conference to March 2020. They are currently re-establishing the conference to March 4th and 5th at the same venue

## PTIC Special Meeting – BoDDS

On the 18<sup>th</sup> December 2019 there will be additional PTIC meeting that will focus on the DfT's Bus Open Data Digital Service.

It is being held at:

CIEE Global Institute London,  
46-47 Russell Square, Holborn, London WC1B 4JP

- Digital Service demonstration
- Guidance Documentation
- TransXChange profile
- Support arrangements – Operators and Authorities
- Development plans for BODDS
- Bus Service Act – next phases
  - AVL
  - Fares
  - Accessible Information
- NaPTAN – stop announcement name

If you would like to attend, then please sign up through the [PTIC Eventbrite page](#)

## Bus Open Data Showcase Webinar

The Department for Transport Bus Open Data team recently held a webex to demonstrate the tools that have been developed to support the open data programme.

The recording of the webex can be viewed online here:

<https://kpmguk.webex.com/recordingservice/sites/kpmguk/recording/playback/4108f98560834209a5dd6e3afccc69f3>

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

## **ITxPT Technical Specification 2.1 Released**

The IPxPT specifications have been updated and released as v2.1

You can retrieve them on the ITxPT Documentation Centre that is open to public upon free registration.

The release 2.1 updates the 2.0 technical specifications with clarification collected during implementation, labelling process, user return on experience and from Technical Committee (details in Release history).

The release 2.1 was approved on the 23rd of October after an internal process of validation involving Strategic and Principal ITxPT Members.

ITxPT Specifications are used by PTAs and PTOs as tender requirements with related references, and industry suppliers to design and develop ITxPT-compliant solutions. Moreover, the ITxPT Technical Specifications describe physical requirements (connectors, wiring, enclosures, power supply and management), overall architecture, generic mechanisms, communication protocols and data models needed to comply with the open ITxPT architecture.

### 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:

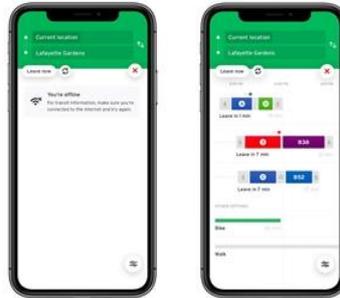
- ▶ Email pieces to us when you have them – press release format is fine, and pictures are welcome.
- ▶ Nominate a marketing contact who will be included in the editor's monthly process of 'chivvyng'.



A 21st Century totem at the newly refurbished Walsall bus station.

## Swiftly, Transit partner to enhance real-time passenger information

Big data platform, Swiftly, and Transit, the app used by millions to get around cities without using their own car, announced a partnership to get real-time data in the hands of riders and transit agencies.



Through the strategic partnership, Transit and Swiftly will provide riders with a better experience and agencies with more insight into how to improve operational efficiency.

<https://www.metro-magazine.com/technology/news/736521/swiftly-transit->

# A D M I N

## Management Committee Members

The Management Committee for the year 2019-209 was appointed at the AGM on 12 March 2019. Membership is currently as follows:

Chair:

Members: Andrew Wilson (Hants), Graham Davies (WYCA), Russell Gard (React Accessibility), Darren Maher (21<sup>st</sup> Century), Tony Brown (Atkins), Chas Allen (Stagecoach), Reading Buses, Meera Nayyar (DfT)

## Contact us

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

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

## Next issue

Issue 125 – Thursday 2<sup>nd</sup> January 2020.

Please send all contributions to [secretariat@rtig.org.uk](mailto:secretariat@rtig.org.uk) at any time up to Monday 23<sup>rd</sup> December 2019.

### RTIG's newsletters are distributed by email.

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**To unsubscribe:** email with the subject "unsubscribe" – or simply reply to your notification telling us you'd like to be taken off the list.