

## 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)

### PTIC

11 February 2020, Preston

### Workshops

17 March 2020, Chelmsford: Workshop & AGM

### Conferences

Transport Technology Forum  
4-5 March 2020, Bristol

### Working Groups

Integrating Disruption Information

Procurement Advice

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

## 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 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) .

### **Successfully Providing Bus Priority**

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Thank you to all those who came to the workshop in Stockport. Thank you to Chas Allen and Stagecoach for hosting.

We heard from a speakers on their traffic light priority implementations and the benefits and challenges they have encountered.

We identified during the workshop that there is some work for us to do in 2020 on standardising the traffic light priority trigger files for buses as well as supporting the introduction of further schemes by publishing evidence on the actual benefits achieved from schemes.

Stagecoach provided an insight into their connected and autonomous bus project over the Forth road bridge, I hope it will not be the last time we hear from them on this project as there is so much we can learn from their experiences. Picking up on the CAV theme Newcastle University brought us up to date with their Glossa and other CAV projects.

The slides from all the speakers are on the members section of the website when logged in.

**Annual General Meeting**

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

If you are a member then you should have received by email a preliminary notice of the meeting and a call for nominations for the committee.

If you've not received it then please check your spam folders, then get in touch with us.

The AGM will be on the 17<sup>th</sup> March 2020 in Colchester, Essex.

It is being kindly hosted by Essex County Council.

Alongside the AGM there will be a workshop, the content of which is under development.

Sign up to attend now:

<https://www.eventbrite.co.uk/e/workshop-and-agm-tickets-86796457541?aff=email>

## **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 2020 then please get in touch with Tim [tim.rivett@rtig.org.uk](mailto:tim.rivett@rtig.org.uk).

## **Committee Member – Simon Gold**

Following the retirement from the committee of Tony Pettitt from Reading Buses he has been replaced by Simon Gold who is one of our two Operator representatives on the committee.

We welcome Simon to the role and look forward to being able to call on his advice and challenge on our activities.

## **Photo Library**

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

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)

## **Exchange of Disruption Information using SIRI SX Technical Document**

A workshop was run at the start of December in conjunction with Transport for the North to introduce a SIRI SX profile.

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>

The document is now being finalised for formal publication later this month.

## **Business Case for Traffic Light Priority**

At the last workshop we heard from suppliers and authorities about how effective traffic light priority can be. Much of the information about its effectiveness is from internal project work and has not been published.

With an increased focus on the impact of congestion, reducing journey times and promoting public transport there needs to be more information on the case for particular investments available.

To support this, we would like to create a new document on how to deliver traffic light priority with evidence of its effectiveness from a range of different places where it has been implemented.

We are therefore calling for information on where it has been implemented and the results in as much detail as possible.

Please contact us if you can help:  
[secretariat@rtig.org.uk](mailto:secretariat@rtig.org.uk)

## Distributed Journey Planning

The CEN standard for distributed journey planning, during the development led by Roger Slevin for the UK, is now starting to be used with the first implementations of the standard in journey planning systems:

- EU-Spirit Group
- OTP (open trip planer)
  - o Norway ENTUR
  - o Sweden SkorneTraffiken
- LinkingAlps (Italy OTP, Switzerland Mentz, Austria HAFAS)
- Netherlands.

It is inevitable that first implementations find some issues with a standard, this is no exception with some errors found within the XSD file and the description. A new version of XSD V1.01 which validates is available on GitHub: <https://github.com/VDVde/OJP>

## SIRI Updates

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

Following a few years of stability a number of updates to SIRI are being worked upon.

Over 70 change requests have been received and are being reviewed. Most are simple additions and updates to support new requirements, and you will be glad to know that so far all are backwardly compatible.

Some are larger and more complex such as updated to reflect changes to DATEX and TPEG interfaces to road data which SIRI SX in particular uses extensively.

At the moment 23 of the requests are being worked upon in GitHub:

<https://github.com/SIRI-CEN/SIRI>

For details of the full list of changes please get in contact with Tim who can advise.

It is hoped that all the current changes will be completed, and ready for the formal publication process, in September.

## **Travel Attitudes: Public support for reduced urban mileage?**

The public attitude to aspects of transport via the National Travel Attitudes Survey (NTAS) was published this month by DfT. Questions in the survey covered Active Transport, Affordability, Public Transport and Road Journeys and the Environment.

74% of respondents agreed that "everyone should reduce how much they use their motor vehicles in urban areas like cities or towns, for the sake of public health".

Interested in NTAS data? [Find it here](#)

## **Supporting and Sponsoring the ITS World Congress Bid 2024**



The Intelligent Transport Systems World Congress is the leading event in the field of intelligent mobility.

The event is held annually, rotating between Europe, Asia/ Pacific and the Americas. The West Midlands region are bidding to the European edition of the event in 2024. This is to highlight the transformation the West Midlands including our work getting ready for the Coventry of Culture and Commonwealth Games. This includes our new Sprint bus rapid transit system, Midland Metro extensions, 5G, Connected and autonomous vehicles and our work as the first Future Mobility Zone in the UK.

# RTiG IN THE NEWS

The Birmingham bid represents a once in a generation opportunity to return the event to the UK, as it was last held in London in 2006. We have extensive support from the NEC Group as host venue, written endorsement from the Department for Transport, Industry bodies ITS UK and ITS Ireland as well as local support from the Combined Authority, Local Councils, West Midlands Growth Company and the Greater Birmingham and Solihull LEP.

We believe that we have a strong chance to secure the World Congress, due to the excellent ITS and future mobility work being undertaken in the West Midlands and more widely in the UK and Ireland. It is important that visitors have a stress-free experience that delights them and is memorable in a positive way.

We can achieve this by hosting the Congress at the world class venue of the NEC and the £150million recently opened Resorts World.

Vital to the success of our bid is showing that we have sufficient support within the Industry in the UK along with commitment to sponsor. This is so that we can show we have the financial backing to make the event a success and a true reflection of the excellent work being carried out in the UK and Ireland.

To pledge your support and to discuss sponsorship opportunities contact:

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+44 (0)121 214 7828

The Committee have agreed that RTiG will support the bid and have submitted a pledge of support.

**'it's everyone's journey'**

Following the launch in October 2019 the campaign has been a bit quiet because of the election. They have continued to develop the campaign behind the scenes and are looking forward to launching our public awareness campaign towards the end of February.

The campaign has continued to grow its partner community and we have had an excellent response from partners across disabled groups, transport operators and key influencers. Eighty nine organisations have joined us as campaign partners, including British Airways, Leonard Cheshire, National Autistic Society, Parkinson's UK, First Group and WHSmith (see a detailed list here).

By building the network, sharing case studies, real-life stories and establishing best practice we are all helping to make transport more inclusive.

RTIG are a supporting partner, if you have any case studies you think it would be appropriate for RTIG to share then please do get in touch.

If your organisation would like to become a partner in the campaign then hop onto <https://gov.uk/everyonesjourney> for more information.

## Bus Open Data Service is now live and available for use

The much trailed and anticipated Bus Open Data Digital Service or BODDS has launched.

This includes a Publish Bus Data Service and Find Bus Data Service. The Publish Bus Data Service includes Create, Check and Publish features. The DfT is sending emails to operators inviting them to register for the service. Business change workshops, with operators and LTAs, commence in February 2020

Following the introduction of the Bus Open Data Service on 28<sup>th</sup> January 2020, there are 3 important dates for bus operators.

31 December 2020      Obligation to provide bus timetable data to the Bus Open Data Service.

7 January 2021      Obligation to provide vehicle location and basic fares and tickets data to the Bus Open Data Service.

7 January 2023      Obligation to provide complex fares and ticket data to the Bus Open Data Service.

Basic fares and tickets refers to the most common ticket types, such as single, return, and weekly passes.

More information can be found here:

<https://www.gov.uk/government/collections/bus-open-data-service>

The associated guidance is:

<https://www.gov.uk/government/publications/bus-open-data-implementation-guide>

## TransXChange (TxC) Profile

The development of the Bus Open Data TxC profile is important in driving greater standardisation of openly published TxC data.

The profile will be mandated during 2021 with the aim of having one consistent TxC profile used consistently by all operators and more easily consumed by application developers.

Please see profile below:

<https://my.pcloud.com/publink/show?code=XZtS9hkZFizKNKHAzuz8qJAchaLTlyOSOD2k>

We are currently finalising the documentation which will be made available by the end of March 2020. From 2020, any version of TxC (2.1, 2.4, 2.5) will be accepted but the harmonised TxC 2.4 BODDS profile will be mandated from early 2021. The free to use TxC tool developed by the Department for Transport is now publicly available to export V2.1 and during Spring 2020, a 2.4 export will be made available.

# 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 'chivvyng'.

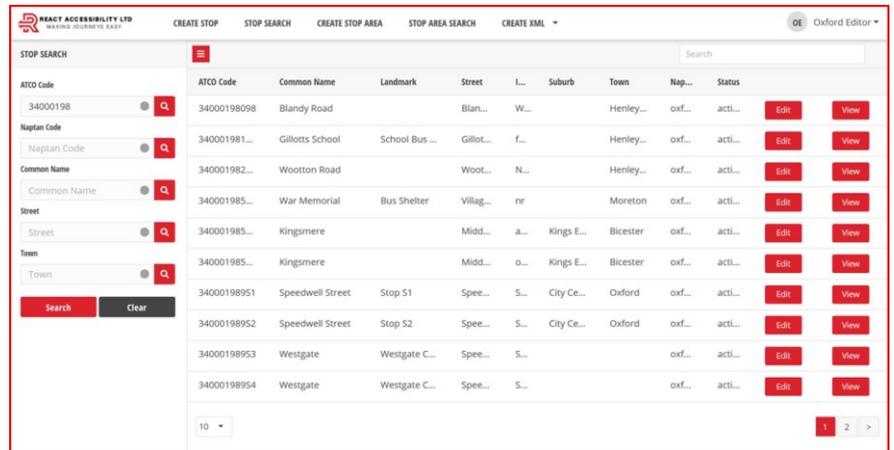


A 21st Century totem at the newly refurbished Walsall bus station.

## React NaPTAN editor

In response to the new legal requirement on Local Authorities to manage and maintain their NaPTAN database, React Accessibility are today launching their React NaPTAN editor.

The Editor allows authorities to easily modify their stop information and both down and upload to the DfT system and includes stop group maintenance and a map feature.



ATCO Code	ATCO Code	Common Name	Landmark	Street	L...	Suburb	Town	Nap...	Status		
34000198	34000198098	Blandy Road		Blan...	W...		Henley...	oxf...	acti...	Edit	View
NaPTAN Code	340001981...	Gillotts School	School Bus ...	Gillot...	f...		Henley...	oxf...	acti...	Edit	View
Common Name	340001982...	Wootton Road		Woot...	N...		Henley...	oxf...	acti...	Edit	View
Common Name	340001985...	War Memorial	Bus Shelter	Villag...	nr		Moreton	oxf...	acti...	Edit	View
Street	340001985...	Kingsmere		Midd...	a...	Kings E...	Bicester	oxf...	acti...	Edit	View
Town	340001985...	Kingsmere		Midd...	o...	Kings E...	Bicester	oxf...	acti...	Edit	View
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It is unique in that it is web based, and includes loads of additional fields that make it easier to find and manage stops and records – like additional asset numbers (to take account of third party shelters, for example), stop accessibility status (ready for the Accessibility requirements currently planned), and current equipment fields.

In addition, the system will be able to advise neighboring authorities when you change a stop that affects them (and vice versa) and features to allow automated listing of stops requiring publicity or equipment updates are near completion.

A really exciting optional enhancement is the React Bus Stop Wiki, which allows real time assessment of stop accessibility features, like digital displays, audible announcements and paper publicity using crowd sourced information, including inputs from your staff or any other

interested party. This feeds directly into the database and makes it much easier to know the state of your stop stock and associated equipment.



And finally, it is very good value and well below most authority formal tendering limits. To make procurement as simple as possible we are also a Crown Commercial Services supplier through the G-Cloud framework.

If you want to know more please contact Charlotte on 01457 861431, email [info@react-access.com](mailto:info@react-access.com) or see more at [www.react-access.com](http://www.react-access.com)

### **Johansson becomes head of Hogia's transport business area**

Mats Johansson becomes the new business area manager for Hogia's transport business area, Hogia Transport. The business area delivers integrated total solutions for ferry services, port terminals, road transport and public transport to customers worldwide. He took up his new assignment on January 1, 2020 and reports to Hogia's CEO Bert-Inge Hogsved.

- We have a unique situation when it comes to offering integrated total solutions in the transport industry. The opportunities that the combination of our large product and service offer creates are of

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

great benefit to our customers. I am pleased that Mats Johansson takes overall responsibility for our transport area. He has a broad background in public transport and a keen interest in the development of the transport industry. Therefore, he is absolutely the right person to lead Hogia Transport on the intensive development journey in which the entire business area is located, says Bert-Inge Hogsved, President and CEO of the Hogia Group.

Mats Johansson most recently comes from a position as responsible for Hogia's investment in passenger transport, which is an international business with customers all over the world.

- From now on, to lead the entire Hogia transport area is an incredibly exciting mission! Overall, one of the biggest challenges is that transport accounts for a large part of society's environmental and climate challenges while being an engine for economic development. That is what we and our customers are working on. Our contribution is, to an even greater extent, to connect the same solutions to maximize business and social benefits and create a smarter society," says Mats Johansson.

## **Congestion busting transport centre for West Midlands opened**

The West Midlands Combined Authority (WMCA) has announced that the Regional Transport Coordination Centre (RTCC) has officially been opened by Transport Secretary Grant Shapps.

As part of a £22 million project to improve coordination across public transport and road networks and manage congestion in the West Midlands, the new centre provides a single hub for the West Midlands transport authorities and agencies, emergency services and bus, rail and tram operators to manage the network during major events and incidents.

Managed by Transport for West Midlands (TfWM), the RTCC is the first of its kind to bring together real time information across all modes of transport in one place working with existing control centres around the West Midlands to provide up to the minute journey information for residents, businesses and visitors, WMCA explained.



Giant screens and CCTV links relay the information to staff who can then coordinate action on the ground, such as rephasing traffic lights to clear bottlenecks, organising additional buses with operators to support emergencies, and provide useful information direct to travellers via social media and mobile apps.

“It is fantastic to see the RTCC up and running and already helping to tackle congestion on our roads and public transport networks,” said Andy Street, Mayor of the West Midlands. “It means more accurate travel information and better alternative options for anyone who lives, works or visits the region as well as better journey times and less time spent sat in traffic.”

Further work by TfWM and its partners will now reportedly begin to improve the monitoring capability of the RTCC such as upgrading traffic signals and replacing road sensors at congestion hot spots.

The centre will continually store the data it gathers and will be used by all its partners to plan future transport projects that support TfWM's goal to create an integrated transport system that's reliable, affordable and accessible to everyone, WMCA said.

TfWM is working with multiple partners including Highways England, Network Rail, local councils, the emergency services, HS2 and rail and bus companies through the RTCC.

### **Journeo working with Hertfordshire and Intalink to drive engagement for public transport**

Hertfordshire County Council have extensively renovated the Intalink vehicle with the latest real time information (RTI), timetable searching and journey planning technologies in order to drive public engagement with public transport.

The unique Intalink partnership, which was established by Hertfordshire County Council in 1999, has brought together bus and rail operators and district and borough councils to deliver a range of publicity and marketing, multi operator ticketing schemes and digital communications including the Intalink website and m-ticketing app. The partnership is now fuelling Hertfordshire County Council's bid to form an Enhanced Partnership under the powers granted by the Bus Services Act 2017. This will provide Hertfordshire County Council with the powers to support operators as they strive to build patronage.

The Intalink vehicle had previously been used to distribute printed timetable information at strategic positions such as town centres, business parks and train stations throughout Hertfordshire. However, Hertfordshire County Council wanted to increase the reach and the scope of the vehicle and so engaged real time display partners, 21st

Century Passenger Systems, a Journeo™ company, to fit the vehicle with the latest in RTI technology. The aesthetic elements of the refurbishment, to improve the environment in which the technology would reside, were sub-contracted to South East Coachworks.

The technology onboard the bus replicates that of the systems already in use throughout Hertfordshire. This enables visitors to familiarise themselves with the technology and gain more confidence in the information they supply.



The large 55" interactive display within the vehicle demonstrates information available at the on-street totems installed within the county. Users can access information on local events and travel information (such as ticket types and timetable information) through links to Intalink.org.uk with the secure browser, preventing users from breaking out to the internet at large.

The display also has a dynamic Journey Planner. This allows the user to plan a journey from the exact location of the vehicle at any given time or from a starting point of their choice. The vehicle officer simply sets the location of the vehicle upon arriving at any promotional event to allow users to utilise the system. The display also has an advertising function, enabling the promotion of

local services and transport information when the display is not in use by a visitor.

Two 10" displays on the vehicle provide visitors with access to search for timetable information, which may be printed off if required, allowing users to take the information away with them. These displays also offer a feedback option for visitors who would like to suggest ideas for future services, as well as the option to sign up for further information. This also enables Hertfordshire County Council to measure the reach and impact of the vehicle's activity.

### **Vix Technology Appoints David Maitland as Chief Operating Officer**

January 23, 2020, CAMBRIDGE - Vix Technology, a global leader in transport ticketing and payment solutions, today announced the appointment of industry executive David Maitland as Chief Operating Officer (COO). Tasked with delivering best-in-class service and continued innovation for Vix Technology's global customer base, David will lead operations activities from the Cambridge, UK office.

David has an extensive background in transit retailing and operations, having worked for transit operators and service providers that supply to our industry. He most recently served as CEO North America of Scheidt and Bachmann, running the U.S. and Canadian operations.

Prior to this, David worked for Go Ahead Group plc, delivering programmes around account based ticketing on rail and EMV payments on buses and led the development of On Track Retail, Go Ahead's highly successful web retailing business.

He also set up Hammock, Go Ahead's retail services division, providing operational and consulting services to clients including WMCA, DfT, Keolis and Transport for Wales.

# 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), Simon Gold (Reading Buses), Meera Nayyar (DFT)

## Contact us

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

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

Twitter: <https://twitter.com/RtigInform>

## Next issue

Issue 127 – Monday 2<sup>nd</sup> March 2020.

Please send all contributions to [secretariat@rtig.org.uk](mailto:secretariat@rtig.org.uk) at any time up to Wednesday 26<sup>th</sup> February 2020.

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