RTIG INFORM

improving public transport through technology

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

Physical Workshops
21 Sept 2022 *Being developed* (Birmingham)

RTIG Virtual Workshops
14 June 2022 Using BODS Data to create real time information
30 June 2022 Sharing Disruption Information
12 July 2022   Introduction to Standards

More events will be announced as the month progresses. For booking details see the website.

Working Groups

Procurement of Software as a Service
CCTV Technology & Best Practice

Committee
30 June 2022, Virtual

PTIC
9 June 2022, Virtual

Bus Open Data Service Events
the full list of regularly updated events here:
https://www.eventbrite.co.uk/o/bus-open-data-service-31561104991

In this issue:

News and events: update on RTIG work
CCTV Technology & Best Practice
Procurement of Software as a Service
Standard Interface for CMS to RTI Displays
Using BODS Data to create real time information
Sharing Disruption Information

DfT News
Analyse Bus Data Service launches a new excess wait time module
BODS Forum
Mobility as a Service Code of Practice Consultation
National Travel Survey

In Other News
Decarbonization - Creating the infrastructure
Strategic Liaison Group

Members' news: showcasing innovation

Admin: useful facts about RTIG
Committee members
Contact us

N E W S & 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.
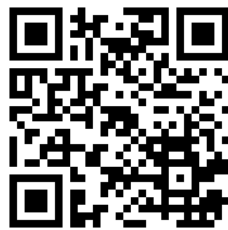
RTIG on Twitter

RTIG is now on twitter as @RtigInform

https://twitter.com/RtigInform

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

Working Groups

If anyone wants to become involved in any of the work packages in the business plan then please feel free to discuss or commit by getting in contact with Tim tim.rivett@rtig.org.uk .

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Hearing Loops

During the pandemic, bus operators introduced Perspex screens between the driver and passenger to help provide protection from COVID-19. This barrier increased the challenge for passengers and drivers who have hearing problems.

The use of audio induction loops (hearing aid loops) and other solutions will help to alleviate some of the resultant problems.

The requirement will form part of the future vehicle requirements as seen in the new zero-emission buses scheme.

We will be producing an advice note for operators.
If you want to be involved in the group creating this then please let us know.

CCTV Technology & Best Practice

In the 15 years since RTIG last produced guidance on CCTV there have been many changes in the technology available and its capabilities.

We are convening a working group to create updated advice on CCTV. We current expect this to cover different camera and recording technologies, and good practice advice on management of images, installation and maintenance.

If you want to be involved in the working group exploring this then please let us know.

To get involved in this group please get in touch
tim.rivett@rtig.org.uk

NEWS & EVENTS

Procurement of Software as a Service

With an increasing move by software suppliers to supply services on a Software as a Service (SaaS) basis, the approach to procurement needs to change to reflect this shift.

Traditional procurement and contract arrangements need to be updated to reflect the requirements and expectations of SaaS.

We have convened a working group to create guidance on how to better procure SaaS systems.

We've had our first meeting and ideas for the report are being developed.

If you want to be involved in the working group exploring this then please let us know.

To get involved in this group please get in touch
tim.rivett@rtig.org.uk

Towards Net Zero Carbon

The UK government has introduced ambitious goals for the UK to become net-zero carbon by 2050 and transport is the largest source of carbon dioxide (CO_2) emissions in the UK - damaging both the environment and public health.

NEWS & EVENTS

In addition, the UK government's recent De-Carbonising Transport report outlines a strategy for reducing overall car use, promoting the "natural first choice" to be public transport and emissions-free modes of travel like walking and cycling.

We all need to address the climate crisis and RTIG is reviewing its activities to take the necessary steps to ensure our own climate impact is reduced; and to assist with and promote, the actions public transport takes to reduce its carbon footprint.

The report that is underway on the Environmental Impact of Displays is the first piece of work.

We want to know what we should do next?
How can we help you and your organisations better understand your impacts?
How can we help you reduce your impact?

Please let us know what we can do to help and what you want us to work on.

Past Webinars

All our previous webinars have been recorded and available on our YouTube channel:

https://www.rtig.org.uk/youtube

Standard Interface for CMS to RTI Displays

Transport for Wales would like to specify a standard interface between the Content Management System and RTI Displays, that suppliers would need to comply/work with to enable TfW to procure a single CMS that can interface to multiple displays from a number of suppliers.

N E W S   &   E V E N T S

The standard will specify the minimum capability that is to be expected of all displays supported through the interface (i.e. be able to represent real time vehicle arrival/departure information, text based messages and hold the scheduled timetable for at least that day's services).

The interface will cater for the following:
- Basic text based displays
- Graphical displays - in addition to the minimum capability, also be able to provide additional information such as weather, news feeds, advertising, information videos etc.
- Off grid displays - these will not have ready access to power and may not have significant data bandwidth available to show graphical content.
-

The first two parts:
- Part 1 - Architecture
- Part 2 – Core Content Messages

Have been published:
https://rtig.org.uk/projects/CMS_PID_Interface

The latest draft of Part 3 on Graphical content is available for review can be found at:
https://www.rtig.org.uk/projects/CMS_PID_Interface

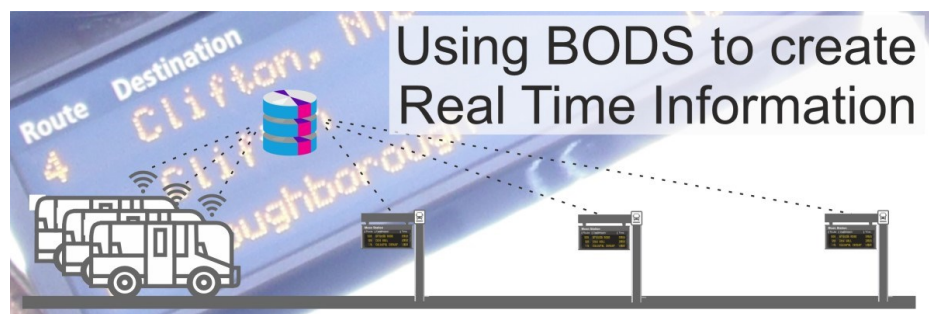The working groups are reviewing the graphical display.

NEWS & EVENTS

Upcoming Events

Using AVL to support Bus Partnerships

Unfortunately the event we had planned for 8th June has been cancelled.

Using BODS Data to create real time information

With the introduction of the Bus Open Data Service from the DfT it is easier than ever to access public transport data. How can timetable and location data be used to create real time information for customers?

If you've never used public transport data before then this session will introduce you to the concepts of how you can use timetable and location data to create real time information for customers - the countdown information you see on a bus stop display or on a phone app.

You will find out how the the data from the Bus Open Data Service can be used and the importance, if you are a bus operator or supplier to bus operators, of making sure the data you supply to the different data feeds matches.

Tuesday 14 June 13:00

https://www.eventbrite.co.uk/e/using-bods-data-to-create-real-time-information-tickets-332804937527

Sharing Disruption Information

Passengers expect more information about disruptions and the impact on their journey than ever before.

Transport Focus research into bus passengers' experience of delays and disruption found that passengers wanted better information, particularly real-time information and a greater customer focus from bus drivers, particularly in respect of information provision.

if you know about a disruption either in advance or in real time as it happens, how can you share information effectively between systems so that all passengers receive the same information no matter what App or website they choose to use?

In this webinar we will look at how SIRI, GTFS and other formats can be used to shared disruption information efficiently between back office systems and customers.

Thursday, June 30, 2022 - 13:00

https://www.eventbrite.co.uk/e/sharing-disruption-information-tickets-353883413817

Introduction to Standards

This is a joint event with the BSI and our friends at ITS (UK) to present a webinar for ITS practitioners who want to find out more about how standards are developed and used in the transport technology sector. It will cover public transport standards as well as those for CAV, traffic management, comms etc!

A full agenda will be posted nearer the time.

12 July 10:00 – 11:30

You are welcome to book your place now using the eventbrite link.

https://www.eventbrite.co.uk/e/its-uk-rtig-bsi-introduction-to-standards-webinar-tickets-294910153207

2022-23 Business Plan

The business plan which outlines the projects and actions that are being planned for the next year was agreed at the AGM.

The full details are available:
https://www.rtig.org.uk/system/files/documents/RTIGC071-1-0%20Business%20Plan%202022-23%20External.pdf

N E W S   &   E V E N T S

DfT NEWS

Analyse Bus Data Service launches a new excess wait time module

A new Excess Wait Time module was launched for frequent services on 29 April. The provision of turn-up-and-go frequencies where passengers don't need to rely on a timetable is one of the central aims of the National Bus Strategy.

This webinar introduces excess waiting time as a metric for measuring the performance of frequent services and the impact on passengers due to inconsistent headway times and buses which fail to run.

The Analyse Bus Data Service identifies services with periods of frequent running (i.e. 6 or more buses per hour) and shows how excess waiting time varies for a service over the analysed timeframe. This will help local authorities understand frequent service provision and the wait times experienced by passengers.

We held a webinar demonstrating this functionality on 29th April: https://youtu.be/gQVzjFK5Vv8

BODS Forum

The BODS data forum was launched in March. This is a group to share and learn from each other's experiences using the BODS data.

To join, just follow this link https://discord.gg/RqH6W4MBYA

Various people are using BODS data in projects: This group is to let everyone share learning and help work through technical issues together.

This covers location, timetables and fares data. When you've joined, please introduce yourself on the general channel: your name, organisation and what you use BODS for!

Other things you may want to do:

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1. Share something you've done or are doing with BODS data on the "work sharing" channel
2. Compare notes or ask for help on ingesting BODS on the "data ingestion" channel
3. Create a new channel. Though DfT is setting this up, this is very much a communal space, so feel free to message people working on similar things to you!

This is an open online space which anyone can access, so do bear that in mind when posting!

The link above works for anyone. Please do forward this to others who may be interested!

Mobility as a Service Code of Practice Consultation

As part of 'Decarbonising transport: a better, greener Britain', which sets out the commitments and actions needed to decarbonise the entire transport system in the UK, we have committed to consult on a MaaS Code of Practice.

Taking a voluntary approach through a Code of Practice will enable us to support MaaS as it grows without introducing regulations at a time that could stifle innovation in this emerging industry. A Code of Practice will also provide an opportunity to gather further evidence in a structured manner to understand where regulation might need to be brought forward in the future. The consultation questions focused on the areas of data, including modal data standardisation and data sharing, multimodal ticketing, accessibility and inclusion, consumer protection, algorithmic bias and competition. We received responses from a range of organisations within the MaaS ecosystem including MaaS platform providers, transport operators, local authorities and any other relevant parties. The consultation has now closed and we thank you for your responses.

The Code of Practice is currently being drafted and further information will be shared with you in due course.

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National Travel Survey

DfT is continuing its digital transformation within the National Travel Survey. For over 50 years, the survey has collected information on the travel patterns of members of the public via a paper diary, which is filled in over a 7-day period.

Work is underway to transform this into a digital diary which will collect the information via www.gov.uk. It is hoped that over time this will evolve into a smartphone app, enabling the easy collection of rich, accurate digital travel data which places only a minimal burden on the participant.

Further information on future NTS developments can be found here: https://www.gov.uk/government/publications/future-developments-for-the-nts

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IN OTHER NEWS

Decarbonization - Creating the infrastructure for zero-emission vehicles

The BSI have produced a useful document outlining some of the issues faced when developing the infrastructure for zero emission vehicles, whilst not about public transport the themes and challenges are all too familiar.

The transport sector is one of the UK's largest emitters of CO2 and a major source of air pollution in cities. Decarbonising transport is, therefore, essential if the UK is to meet its goal of net zero emissions by 2050. While the path to solving these issues is far from certain, steps are being made to address this.

In July 2021, on the day the UK Government released its Transport Decarbonization Plan, BSI brought together policy makers, industry experts and representatives from local transport authorities to speak about how this pathway can be followed to create the infrastructure for zero-emission vehicles – to help hit the goal of decarbonizing domestic transport by 2050.

This conversation has led to the production of this report, focusing on key areas of road transport decarbonisation and the challenges of transitioning to a cleaner, more sustainable transport system

https://www.bsigroup.com/en-MY/Standards/BSOL-online-standards-list/bsol-automotive/decarbonization-creating-the-infrastructure-for-zero-emission-vehicles/

IN OTHER NEWS

Strategic Liaison Group

A new Innovate UK group has been created

The Strategic Liasion Group (SLG) has been formed to serve as both an information point and focus for collaborative action for the public sector transport community.

Our Purpose
Our PurposeThe SLG's focus is in ensuring collaboration, knowledge, skills, information and good practice are disseminated through the transport industry effectively. This in turn will support central and local government, decision makers and supply chains. The SLG is made up of senior leaders in these areas to collate research, good practice, disseminate funding and develop opportunities.

Our Objectives
- Combine resources, knowledge and skills to bring together and support the industry to innovate and develop in Connected Transport
- Connect Local Authorities with relevant technologies and each other
- Share knowledge, learning and experience
- Support the adoption of proven innovations across the public sector
- Acceleration not replication
- Reduce wasting public spending

Who is it for?
The SLG serves the needs of the Local Government Transport community and is a public sector member driven group. Whilst the public sector should be considered the main consumer of SLG services the private sector has a vital role to play. As key innovators and catalysts we call on the private sector to share their work, successes and learnings with our public sector audience. Only by working together across public and private sectors can we bring about a real shift in the transport sector.

https://www.strategicliaisongroup.com/.

MEMBERS NEWS

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'.

A Journeo 28" stretched TFT, double sided, pole mounted unit in Nottingham

MEMBERS NEWS

Can Carbon Data Drive Bus Patronage? Passengers Say Yes

What Bus Users Think About Sustainability – and how we can Harness it

Following up Trapeze's previous article 'Putting the Bus at the Heart of our Communities', this feature explores how carbon information could be used to promote sustainable travel choices.

The scale of the climate threat was starkly outlined at the 2021 United Nations Security Council, where David Attenborough labelled it the greatest threat modern humans have faced.
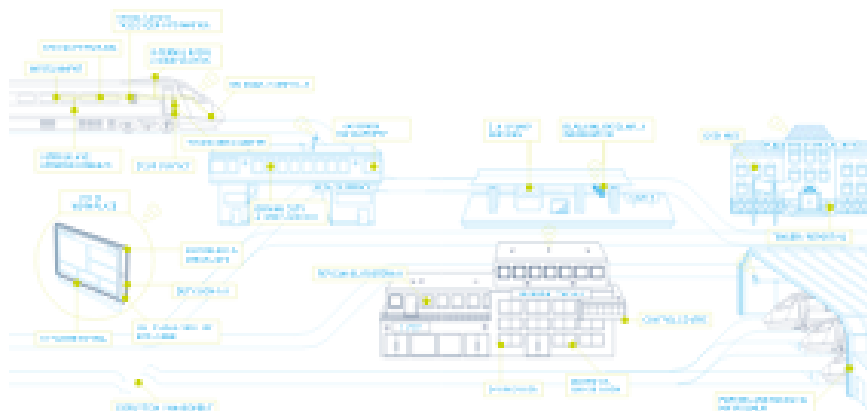
We know that tackling this issue will require significant focus from central and local governments and policy makers, but it is important to note that people also increasingly wish to make personal contributions. A global survey undertaken by the Pew Research Center found that some 80 per cent are willing to adjust their own behaviour – a development which perhaps explains the increasing trend for organisations publishing the carbon footprint of goods and services.

Interestingly, recent research undertaken by Trapeze Group indicates that bus users are also interested in this kind of information, and that knowing bus journeys have a lower carbon footprint would make them more attractive.

Encouragingly, such data could be delivered via established bus passenger information systems, providing passengers with information they desire, promoting greater awareness of sustainability issues, and driving bus ridership as part of a wider sustainably mobility network. This article explores how this might be achieved.

https://trapezegroup.co.uk/article/carbon-data-to-drive-bus-patronage/

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IVU.rail for Northern Trains

The first stage of IVU.rail has gone live at Northern Trains in the UK! We are very proud to be involved in this project, which consolidates our market position in the UK immensely. We are already looking forward to working together to implement Crew Rostering, Crew Control, and Incident Management in the next step. Many thanks to all colleagues involved and especially to our partners at Northern Trains.

https://www.linkedin.com/posts/ivu-traffic-technologies-ag_we-recently-moved-one-of-our-on-the-day-control-activity-6930103258656964610-fxSs

ADMIN

Management Committee Members

The Management Committee for the year 2022-2023 was appointed at the AGM on 23 March 2022. Membership is currently as follows:

Chair: Tony Brown

Members: Sonya Sparks (Essex), Graham Davies (WYCA), Russell Gard (React Accessibility), Darren Maher (21st Century), Tony Brown (Atkins), George Connell (Stagecoach), Simon Gold (Reading Buses), Meera Nayyar (DfT)

Contact us

Best by email: secretariat@rtig.org.uk.

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

Next issue

Issue 155 – Friday 1st July 2022.

Please send all contributions to secretariat@rtig.org.uk at any time up to Monday 27th June 2022.

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