

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

Webinars

March 2023, Four ABODS events

Workshops

22 March 2023, AGM & What's happening in Public Transport Information and Technology?

For booking details see the website.

Working Groups

CCTV Technology & Best Practice
Procurement of Software as a Service

PTIC

2 March 2023, Virtual
8 June 2023, Virtual

In this issue:

News and events: update on RTIG work

[CCTV Technology & Best Practice](#)
[Procurement of Software as a Service](#)
[Towards Net Zero Carbon](#)
[Analyse Bus Open Data](#)
[Providing Information about Active Travel](#)
[2023-24 Business Plan](#)
[Annual General Meeting 2023](#)
[The Future of Public Transport & Technology](#)

In Other News

[Digital Traffic Signal Controller Interface Specification](#)
[Traffic managers – the DfT needs your help!](#)

Members' news: showcasing innovation

Admin: useful facts about RTIG

[Committee members](#)
[Contact s](#)



For all administrative matters and enquiries please contact:

RTIG Secretariat, c/o Tim Rivett Consulting Ltd,
36 Fields End, Sheffield, S36 8WH

Tel: +44 (0) 1226 762712
Email: secretariat@rtig.org.uk
Web: www.rtig.org.uk

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 .

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

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 (CO₂) emissions in the UK - damaging both the environment and public health.



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.

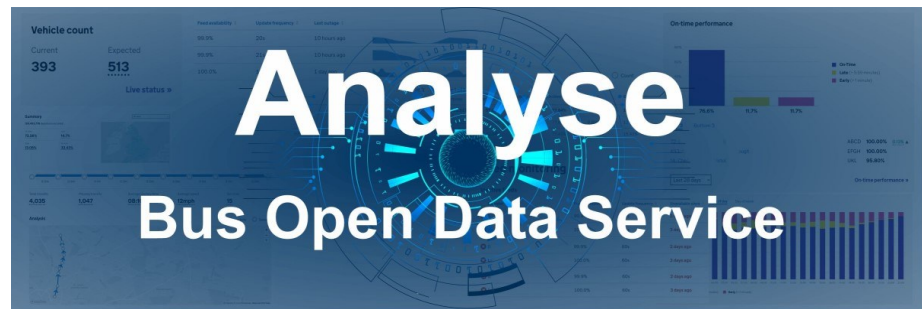
The report that is underway on the Environmental Impact of Displays is the first piece of work.

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.

Upcoming Webinars

Analyse Bus Open Data



Analyse Bus Open Data (ABOD) is an extension service to the Bus Open Data Service (BODS), that provides free-to-access reporting and analytics to operators and authorities nationally.

The service provides:

- Dashboard overview;
- feed monitoring;
- on-time performance analyses;
- Vehicle journey analysis;
- Corridor reporting.

Analyse Bus Open Data is part of the Department for Transport's ongoing investment in bus services, and supports the National Bus Strategy, by helping government, local authorities, and bus operators to:

- perform existing bus data analysis in faster and easier ways;

N
E
W
S
&
E
V
E
N
T
S

- produce more accurate and detailed performance analysis reports;
- improve on collaboration between different organisations;
- identify network improvement opportunities;
- inform transport policy and compliance monitoring across the industry.

RTiG is supporting the Department for Transport by promoting the service to ensure operators and authorities know about the service and how they can use it.

We will be holding a series of webinars during March, together with DfT's technical supplier Ito World, to demonstrate ABOD features and help users understand how to maximise its potential. Operators and authorities who have not yet received an invitation to get access to ABOD can also request this during the webinars – or in advance by emailing BusOpenData@dft.gov.uk

1st March 2023 @13:00

This session is focused on Local Authorities and Government Agencies and will :

- provide an overview of ABOD;
- Discuss data quality and how it can be managed;
- provide opportunity for Q & A with the ABOD team.

<https://www.eventbrite.co.uk/e/analyse-bus-open-data-data-quality-with-qa-for-authorities-agencies-tickets-554436864587>

9th March 2023 @13:00

This session is focused on Operators and their Agents and will :

- provide an overview of ABOD;
- Discuss data quality and how it can be managed;
- provide opportunity for Q & A with the ABOD team.

<https://www.eventbrite.co.uk/e/analyse-bus-open-data-data-quality-with-qa-for-operators-agents-tickets-557982068387>

15th March 2023 @13:00

This session provides a deep dive into the new vehicle journey functionality.

<https://www.eventbrite.co.uk/e/analyse-bus-open-data-deep-dive-into-vehicle-journeys-tickets-558028406987>

23rd March 2023 @13:00

This session looks at how you can use ABODS to support a Bus Service Improvement Plan

We would also like to understand how we make BSIP reporting better using ABOD.

<https://www.eventbrite.co.uk/e/analyse-bus-open-data-supporting-bsips-tickets-558031125117>

Past Webinars

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

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



Providing Information about Active Travel



Providing Information about Active Travel

Multi-modality has become a key mantra of transport planning and integrating active travel and public transport is clearly important to reducing car use for reasons of health and environment.

How can you access information about active travel modes and include them in journey planning, apps and other public facing information systems?

Find out about the latest work on standardisation of active travel data, and what already exists and how it is being used.

Recordings are available through the member pages.

2023-24 Business Plan



Now we are in the latter part of the 2022-23 business plan year it is time to start to consider what RTIG should be doing for the period from April 2023.

If you have anything that you would like to see RTIG involved in, producing or organising during 2023- 24 then please get in touch with Tim tim.rivett@rtig.org.uk .

Annual General Meeting 2023



The AGM will be on Wednesday 22nd March 2023 at 13:00 and will be part of a wider face to face workshop

The AGM will review the work of RTIG over the years as a celebration of what has gone and look to a new organisation with the 2023-24 business plan.

The AGM is open to all Subscribing Members and Affiliate Members of RTIG who have committed to subscribing for FY22-23.

More details will be published nearer the time with agenda and papers being circulated to all member contacts by email.

The Future of Public Transport & Technology



On Wednesday 22nd March 2023 around the AGM we will as normal have a day conference.

Public transport is under more pressure than ever, cost pressures aside, the expectations of customers is increasing.

- What are the latest developments in information for customers?
- What is happening with equipment on bus?
- How are systems becoming more integrated?
- How can you make better use of the data you've got?

Our agenda is going to be wide ranging and cover as much of what is new and planned as possible.

We will find out the latest about:

- Content Management System to Display Interface
- What's happening with on bus equipment integration in Europe?
- lots more waiting speaker confirmation.

We have speakers from Derby City, Transport for London, Trapeze, Datik and Journeo confirmed.

During this event from 13:00 to 14:00 we will hold our AGM. If you are unable to physically attend the event but want to participate in the AGM we aim to stream this section.

The Stuart Hotel is located just 5 minutes walk from Derby Station.

Please get in touch with tim.rivett@rtig.org.uk if you would like a slot.

Digital Traffic Signal Controller Interface Specification

The Transport Technology Forum SPATULA Working Group has been active over recent months to draft a Digital Controller Interface Specification (DCIS). This is aimed at opening access to the data and information that defines each traffic signal controller's specific configuration to ensure that every signal-controlled site in the UK can both be uniquely identified, and have its operations accessed. There are many stakeholders in the fields of design, planning, modelling and network operation who could benefit from simple, standardised or automated access to some, or all, of this information.



Currently, the configuration of traffic signal controllers is defined using a range of different forms in a variety of input formats. There are a growing number of systems and services that need signal configuration data, but without a standard means of accessing the data electronically, they are forced to develop ad hoc solutions, and often end up relying on a paper copy (or pdf) of the forms. We believe that this is a barrier to the development and use of potentially beneficial applications.

The DCIS specification is envisaged to comprise four parts:

1. A nationally unique numeric identifier for road authorities (this is the C-ITS RoadRegulatorID)
2. A convention to be used by road authorities for uniquely numbering their signalised intersections (C ITS IntersectionID)
3. A JSON schema for describing the roadspace layout and allowed turning movements at a signalised intersection

without the need for specialised software (based on C-ITS MAPEM, with simplified lane geometry)

4. A JSON schema for describing the signal controller configuration in terms of its phasing, staging, timings and other engineering parameters (based on standardised TOPAS 2500)

We are now starting to seek the views of UK traffic signals users, suppliers and experts on the draft specification, and you are invited to take part in this consultation. This first consultation concerns primarily parts 1 and 2: namely the technical means of providing signal systems with a standardised, UK-wide, base numbering system for permanent, temporary, and portable traffic signalling sites.

If you would like a copy to review then you can get a copy from Tim Rivett or via info@lcrig.org.uk.

Responses are needed by 9th March though, so time is not on our side.

Traffic managers – the DfT needs your help!

We all know that the revolution in traffic modelling/digital twins, the network-wide availability of real-time data and the opportunities that AI and connected data/infrastructure provide are changing the way the traffic management system operate.



The DfT wants your help to gather intelligence on the digital tools local authorities and the ITS industry are providing to plan and deliver road network management. The DfT has commissioned research to showcase the innovation that highway authorities are already planning or deploying to plan and deliver their traffic management systems.

Technology is essential for the effective management of road networks but the challenges of Net Zero and Vision Zero targets alongside the fast-changing nature of traffic are ever increasing.

I
N

O
T
H
E
R

N
E
W
S

There needs to be a step change in network management techniques and use of emerging technologies to support the changing role of road space (how to balance active travel, freight, public and private vehicle movements) and to enable the management of multi-modal traffic.

We are interested in any innovation in modelling and technology, no matter their scale, which will better enable traffic managers deliver the network management duty (Traffic Management Act, 2004) to:-

secure the expeditious movement of traffic on the authority's road network; and
facilitate the expeditious movement of traffic on road networks for which another authority is the traffic authority.
The contract for this research, which will develop good practice guide for all traffic managers, has been awarded to consultants WSP in partnership with Mott MacDonald, Peter Davidson Consultancy Ltd and White Willow Consulting.

We would be grateful for any information, and contact details, be provided to DFTDIGITALTOOLS@WSP.COM

DfT are keen we gain as wide and deep a view of near market opportunities as possible and our timescales are tight, so the project will be working closely with the TTF to raise awareness of the project and seek information about the data driven measures (including modelling) now becoming available to enable traffic managers meet their network management duty. We will be engaging with the relevant TTF groups but please contact the email address above to register interest.

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 'chivvy'.



A Navaho Transport systems destination blind on the ADL Enviro 400 EV

Journeo plc acquires Infotec

Journeo plc is pleased to announce that on 18 January 2023 it acquired IGL Limited, including its subsidiary Infotec Limited. Infotec is the UK's leading rail passenger information systems manufacturer, with over 15,000 displays in operation. Infotec's technology is installed on approximately 80% of the UK's rail network and the business is one of the few UK display companies that designs, manufactures, tests and distributes its own products, which include rail information displays for main, hub and small stations.

Approximately 2.19 million passenger journeys rely on Infotec's products every day and the Company's products are installed in 1,476 stations and vehicles across the UK and worldwide.

Russ Singleton, Chief Executive Officer at Journeo, commented: "I'm delighted that Infotec has joined the Journeo Group of companies. Infotec's experience in the highly regulated rail market adds another dimension to our transport expertise and enables the Group to provide a wider range of solutions across bus, rail and transport infrastructure.

Both Infotec and Journeo have long-standing customer relationships and this new and exciting chapter in the Group's development provides a stronger platform from which we will create the next generation of passenger information solutions."

Management Committee Members

The Management Committee for the year 2022-2024 was appointed at the EGM on 19 January 2023. 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), Triumph Okojie (DfT)

Contact us

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

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

Next issue

Issue 164 – Monday 3rd April 2023.

Please send all contributions to secretariat@rtig.org.uk at any time up to Wednesday 29th March 2023.

RTIG's newsletters are distributed by email.

To subscribe: simply complete the form online, use the QR Code or email us at newsletter@rtig.org.uk with your request and a valid email address.



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