RTIG INFORM

improving public transport through technology

Non-Members Edition   **March 2022 – Issue 151**

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
23 March 2022   Innovation in Displays, Birmingham

RTIG Virtual Workshops
6 April 2022   Avoiding Low Bridges
28 April 2022   MQTT - The Technology behind the New Display Interface
25 May 2022 Bus Priority at Traffic Lights

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

Working Groups
        Vehicle Metrics

AGM
23 March 2022,   Birmingham

Committee
23 March 2022,   Birmingham

PTIC
3 March 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

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New plans to slash red tape from 5G roll out and improve mobile phone connectivity

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Admin: useful facts about RTIG
Committee members
Contact us

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

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 .

NEWS & EVENTS

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.

Vehicle Metrics Working Group
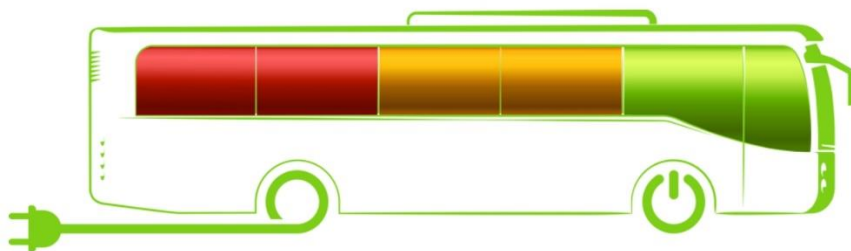
With the increase in electric vehicles, there has been discussion in a few forums about a desire to have some common key vehicle metrics to help manage fleets in control rooms and plan charging layovers etc.
There is a need to decide what data is needed on bus and what is acceptable off bus and what the quality and accuracy should be.

This is an area that is of interest to in Europe and there has been recent discussions about the development of a set of data requirement and interface standard that could be used in specifications for Standardisation through CEN and in procurements.

A working group to identify the requirements of operators and authorities is being formed.

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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.

N E W S & E V E N T S

Past Webinars

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

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

Passenger Counting Report Launch

On 3 February we held the launch of the Passenger Counting report.

The recording of this event is now online and available to members (you will need to login to view the recording and slides:):

https://rtig.org.uk/workshops/2022-02-03

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.

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:
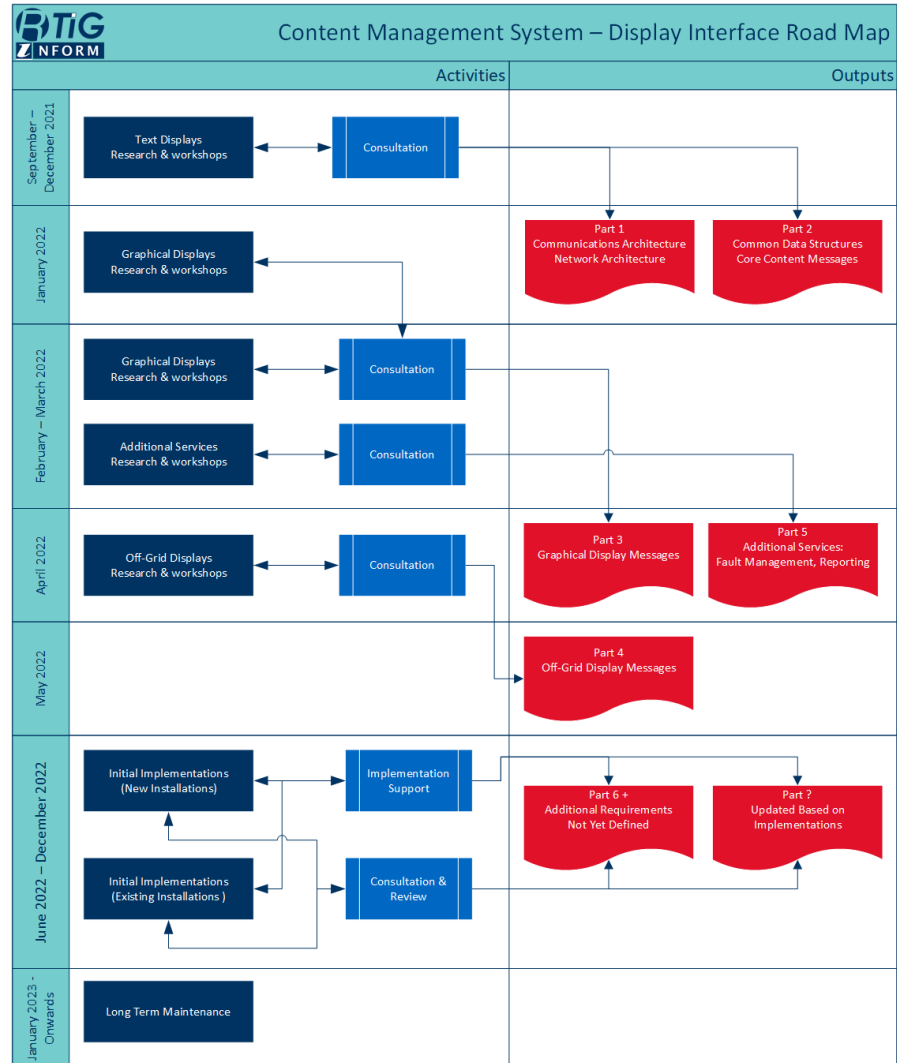https://rtig.org.uk/projects/CMS_PID_Interface

Attention now turns to the functions that the graphical display interface should support and what information is required by suppliers of graphical displays to achieve these functions. Should time allow we will progress to fault reporting and management data.

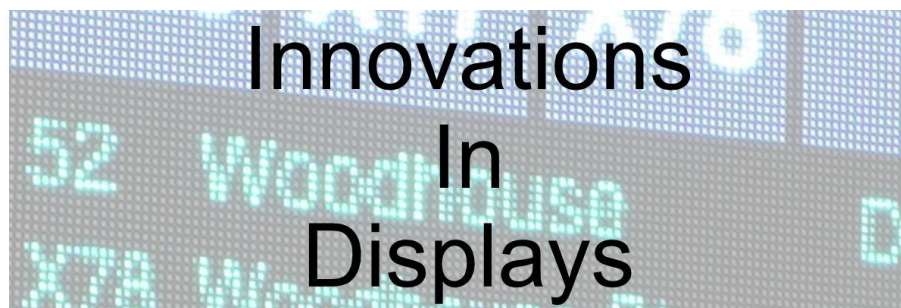Project documentation and the draft for review can be found at:
https://www.rtig.org.uk/projects/CMS_PID_Interface

The current roadmap for the standard is as follows:

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RTiG INFORM — Content Management System – Display Interface Road Map

	Activities	Outputs
September – December 2021	Text Displays Research & workshops ↔ Consultation	
January 2022	Graphical Displays Research & workshops	Part 1 Communications Architecture Network Architecture; Part 2 Common Data Structures Core Content Messages
February – March 2022	Graphical Displays Research & workshops ↔ Consultation; Additional Services Research & workshops ↔ Consultation	
April 2022	Off-Grid Displays Research & workshops ↔ Consultation	Part 3 Graphical Display Messages; Part 5 Additional Services: Fault Management, Reporting
May 2022		Part 4 Off-Grid Display Messages
June 2022 – December 2022	Initial Implementations (New Installations) ↔ Implementation Support; Initial Implementations (Existing Installations) ↔ Consultation & Review	Part 6 + Additional Requirements Not Yet Defined; Part ? Updated Based on Implementations
January 2023 - Onwards	Long Term Maintenance	

NEWS & EVENTS

Upcoming Events

Innovation in Displays

For our return to face-to-face events we will explore the latest innovations in display technology.

In the last couple of years we have seen the launch of many new displays being launched by suppliers, this is an opportunity to hear about the latest innovations and trends and see some of them in real life.

From battery to solar to wind, from LED to TFT and OLED there are new products and innovations available to help keep passengers informed and promote public transport. Which is the right one for your next project?

With the increasing need to reduce our impact on the planet as part of this event we will launch the report on the "Environmental Impact of Displays" produced by one of our recent working groups and update on the Content Management System to Display interface being developed.

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.

Book you place:
https://www.eventbrite.co.uk/e/innovation-in-displays-tickets-260216052217

If you would like to display your displays at this event please get in touch with tim.rivett@rtig.org.uk

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Avoiding Low Bridge Strikes

We have published our paper on Low Bridge Strikes. This paper brings together the findings of an RTIG research project carried out in 2021.

Low Bridge Strikes have been a problem for high-sided vehicles such as HGVs and buses for a long time and can be very costly - both in economic and human terms.

There was a focus on HGV bridge strikes around 2010-2012 arising from the huge damage being done to the rail network. Similarly, bus operators have understandably been focussing on the issue in light of the spate of very serious bus bridge strikes in 2020.

The primary function of the research and this report is to raise awareness of the problem in the UK bus industry; and offer some guidance on how bus operators might prevent and ultimately - eradicate the problem.

The paper is being made publicly available on the website because of the wide safety implications:
https://www.rtig.org.uk/documents/rtigt044-1

On 6 April at 13:00 we have a webinar that will look at the findings of the report, and identify some good practice actions that as a bus operator you could take to reduce the risks, and the different technologies available that can help.

https://www.eventbrite.co.uk/e/avoiding-low-bridge-strikes-tickets-277473800607

N E W S & E V E N T S

MQTT - The Technology Behind The New Display Interface

The new Content Management System to Passenger Information Display standard that RTIG has developed uses something called MQTT.

What is MQTT and how is it used?

Whilst MQTT is a fairly new technology to the UK public transport industry its already in widespread use in many industries and in public transport elsewhere.

In this webinar we will explain what MQTT is, and where else it is used, and how you could start to use it quickly and simply in your organisation.

Thursday, 28 April at 13:00

https://www.eventbrite.co.uk/e/mqtt-the-technology-behind-the-new-display-interface-tickets-277485274927

Bus Priority at Traffic Lights

The recent English bus strategy, Bus Back Better, puts significant focus on authorities to provide bus priority along congested roads and at signalised junctions as do Bus Service Improvement Plans.

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RTIG has produced guidance on techniques and standards for bus priority at signalised junctions, with many more people becoming interested in bus priority it has become clear that there is a requirement for improved understanding of how traffic lights work and how they are managed.

Because of the continued interest in this topic we are repeating the event we held last year covering the basics of how buses can get priority at traffic lights, what operators and authorities need to do to make it all work reliably.

A previous session introduced the basics of how traffic lights work.

Wednesday 25 May at 13:00

https://www.eventbrite.co.uk/e/bus-priority-at-traffic-lights-tickets-277580529837

2022-23 Business Plan

The draft business plan which outlines the projects and actions that are being planned for the next year has been published.
This will be discussed and agreed at the AGM.
In the meantime it can be found at
https://rtig.org.uk/system/files/documents/RTIGC071-0-3%20Business%20Plan%202022-23%20External.pdf

If you have anything that you would like to see RTIG involved in, producing or organising during 2022- 23 then please get in touch with Tim tim.rivett@rtig.org.uk .

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Annual General Meeting 2022

The AGM will be on Wednesday 23rd March 2022 at 13:00 and will either be part of a wider face to face workshop

The AGM will review 2021 and the 2022-23 business plan and elect the committee of the group.

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

Papers and invitations have been sent to all member contacts by email. If you have not received yours please get in touch.

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Platinum Jubilee Timetable Data

We have published advice on how to prepare data for the BODS and other service to ensure that it is correct for the Platinum Jubilee long weekend 2nd to 5th June 2022.

The Bus services around bank holidays will often operate differently to normal weeks. The data for use in services such as the Department for Transport Bus Open Data Service (BODS), Traveline, journey planners, real time systems and mobile phone apps all need to be updated to reflect the changed operation.

This advice deals with how to prepare data for the BODS and other services to ensure that it can be understood by data consumers.

https://rtig.org.uk/documents/rtigt051-1

DfT NEWS

Mobility as a service (MaaS) code of practice

The Department is pleased to launch our mobility as a service (MaaS) code of practice consultation which will be open for responses from 8 February 2022 to 3 May 2022.

You can access the consultation here: https://www.gov.uk/government/consultations/mobility-as-a-service-code-of-practice

Background

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

This consultation is the third in a series of public consultations on MaaS, following the publication of the Future of Mobility Urban Strategy in March 2019 and the Future of Transport regulatory review: call for evidence on micromobility vehicles, flexible bus services and MaaS, which concluded in July 2020. A summary of responses was published in November 2020. This consultation aims to build on our 2019 and 2020 work.

Why a 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. We propose the MaaS code of practice could:

- Provide guidelines for new entrants to the market and incumbent MaaS platform providers to aid navigation around relevant legislation
- Support new businesses in the MaaS industry to make decisions in line with government goals
- Encourage MaaS platform providers to include carbon data for each route offered, helping consumers choose lower carbon journeys
- Provide guidelines to MaaS platform providers to ensure that the services they offer are inclusive and accessible to all customers from the outset
- Provide best practice examples of MaaS solutions

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- Assist local authorities in developing or considering MaaS platforms to operate in their areas, developing local solutions that build on nationally agreed standards

In this consultation, we have identified a number of areas that we wish to gain further evidence on to develop the content of the code of practice.

How to respond

You can send your consultation response:
- Via the online survey
- By downloading the response form and emailing us the return at FutureofTransport@dft.gov.uk
- By emailing FutureofTransport@dft.gov.uk directly with your comments
- By post at: Future of Transport, Department for Transport Zone 1-3, Floor 3, Great Minster House, 33 Horseferry Road, London SW1P 4DR

Future of NaPTAN

Now that the download service has been moved over to new NaPTAN, we are moving towards the end of the redevelopment phase. We aim to move upload and NPTG before September 2022 and we already thinking ahead to what is next.

Working on NaPTAN has shown us all how integral it is to so many other products and services. It is also obvious that it hasn't really changed much in the last 10 years and has the potential to offer even more.

We are looking to recruit someone to help us unlock that potential and help us produce a plan for the Future of NaPTAN. For those interested in being more closely involved, we have published a tender for this work on the Digital Market Place. https://www.digitalmarketplace.service.gov.uk/digital-outcomes-and-specialists/opportunities/16781

We intend to continue our ways of working into the Future of NaPTAN work and will be asking for your involvement at every stage.

Whilst we are at this point, I wanted to say a big thank you to everyone that has come to a research session, emailed in to the inbox or attended a public meeting. We owe you all lots of thanks for your patience and input!

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Transport for London Realtime data now available as GTFS RT

Following TfL's real-time data being made available in SIRI-VM format in November 2021, we have now also added it in GTFS-RT format on the BODS API.

BODS users can access either format of data via the existing BODS bus location data APIs. If using a National Operator Code (NOC) to query the APIs, TfL data falls under code "TFLO", which is reflected in the Traveline NOC database.

Head to the Find Bus Open Data pages of BODS to get access – https://data.bus-data.dft.gov.uk/api/

GTFS now contains Vehicle Journey Code

Following feedback from BODS data consumers, VehicleJourneyCode is now available in the static GTFS data available on BODS. Similarly to adding the agency_noc column in agency.txt, we have now added vehicle_journey_code in trips.txt as an extra column.

This enables data consumers to be less reliant on the matching between trip_ids in GTFS and GTFS-RT and allows them to consume data asynchronously and fall back on VehicleJourneyCode when debugging data issues between static and real-time feeds boosting transparency between the data formats.

This is available via the existing "download all" timetables data section on BODS.

Disruptions Data without disruption!

The Transport for the North (TfN) Integrated and Smart Travel (IST) programme is being wound down following a funding decision by the Department for Transport (DfT) last year. As part of this process we are announcing the End of Life process for the TfN Open Data Hub (ODH).

The ODH will close permanently on 31st March 2022, when it will cease to serve out travel disruption messages for the TfN region.

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We are therefore contacting you to notify you of the closure and to inform you of the alternative arrangements being put in place on the Bus Open Data Service to access the data currently published by the ODH.

At present, the ODH publishes disruption messaging in SIRI-SX via a subscription service and through a polling API with filtering tools to select relevant data. If you wish to migrate your access to the SIRI-SX data before 31st March 2022 you should consider transitioning to the use of the subscription service as soon as possible.

On 31st March 2022 the ODH SIRI-SX service will cease, and usage data and registration data will be safely deleted. However, the ODH has tools that allow users to export their usage data if they wish to keep this data permanently.

Location Data Monitoring:

Have you ever wondered how healthy your location data feed actually is – are you supplying all the location data you need to be supplying? Look out for the reports being generated in early December and contact the Service Desk if you have any questions. The reports will enable you to work with the BODS team and your AVL supplier to ensure your feed is complete enough to be included in journey planners providing information about your services where ever across the country your service is operating.

Contact the helpdesk here if you have any questions at all about the Bus Open Data Service:
- Telephone: +44 (0) 800 028 0930
- Email: bodshelpdesk@kpmg.co.uk

IN OTHER NEWS

Update on the new UK Markings

The BSI have issued an update on the new UK conformity markings.

UK UK
CA NI

They are encouraging manufacturers to:

- Check the requirements for your standards and products without delay;
- Check with your conformity assessment body, if you use one, to confirm their readiness and capacity to re-test and/or re-certify your products;
- Don't leave it until the last minute to make any changes; and
- Keep a close eye on the press, government websites and other conformity assessment information sites, including our BSI site.

Businesses are finding this advice helpful because, irrespective of who carries out the declaration of conformity, backlogs could occur both internally in the manufacturers' facilities and externally in one of the many UK bodies who carry out conformity assessment of products. The consequences of not acting quickly, for whatever reason, for those bringing new products to the GB market may be 'No Entry!' (until it can be done). Although the deadline for the end of the recognition of CE Marking in Great Britain has been extended to 1 January 2023, the government has made it clear there will be no further extensions.

The guidance on guidance placing manufactured goods on the market in Great Britain is here: https://www.gov.uk/guidance/placing-manufactured-goods-on-the-market-in-great-britain

IN OTHER NEWS

Updated ICO video surveillance guidance

The Information Commissioner has updated its video surveillance guidance the new guidance provides organisations in the public and private sectors with an updated resource, that addresses new applications of video surveillance technologies, and a more comprehensive description of how the UK GDPR and DPA 2018 applies.

Technologies include:

- Traditional CCTV,
- ANPR,
- Body Worn Video (BWV),
- Facial Recognition Technology (FRT),
- Drones and
- More commercially available technologies such as smart doorbells and dash cams.

https://ico.org.uk/for-organisations/guide-to-data-protection/key-dp-themes/guidance-on-video-surveillance/

New plans to slash red tape from 5G roll out and improve mobile phone connectivity

Street lights, bus shelters and traffic lights will host more mobile network equipment to help boost mobile coverage as part of a new scheme to cut red tape and install more 4G and 5G kit.

Eight pilots to simplify local authority processes to speed up 4G and 5G deployment

Telecoms firms to get easier access to public buildings and street lights, bus shelters and traffic lights in 44 English and Scottish council areas
Comes as Project Gigabit contract bidding process opens to connect up to 187,000 hard-to-reach premises
Eight winning projects will receive a share from the £4 million Digital Connectivity Infrastructure Accelerator (DCIA) to explore how digital software can help simplify local authority processes when telecoms operators request access to publicly-owned buildings and curbside infrastructure.

Street furniture such as road signs and CCTV poles can be used to improve 4G coverage but they are also integral to the roll out of 5G, which requires a larger number of smaller 'cell sites' - where antennas and other telecoms equipment are placed to form a network - to ensure seamless coverage and to meet surging demand for connectivity.

https://www.gov.uk/government/news/new-plans-to-slash-red-tape-from-5g-roll-out-and-improve-mobile-phone-connectivity

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'.

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

React RNIB Trigger System expands into Edinburgh

The City of Edinburgh Council have installed Electronic Real-Time Passenger Information Displays at Edinburgh Bus Station equipped with the React RNIB Audio Trigger System.
The displays are situated at the bus concourse, and the React RNIB Mobile APP solution allows passengers to interact with the digital signage to receive the visually presented bus departure information audibly. Anyone can use the APP with specific benefit realised by passengers with vision impairment.

Andrew Macleod of City of Edinburgh Council says:

"We are always looking for innovative ways to make transport and transport information more accessible for passengers. The installation of the React Audio Trigger Solution at Edinburgh Bus Station will enable us to gain a deeper insight into the solutions that can support the accessibility needs of passengers and the products suitable to do so."

Keith Willis of React Accessibility says:

"Both audio and visual information should be provided wherever possible and the React RNIB Trigger System makes this possible across the UK. Electronic signage must be accessible to all and must provide audio information. The DfT Inclusive Mobility Guide supports this statement, summarising visual displays showing the expected arrival times of buses, the destinations served, and disruption messages can be helpful for all passengers but particularly those who are deaf or who have a hearing impairment, and that displays triggered by Fob or Mobile APPS will support people with vision impairments."

The React RNIB Trigger APPS are available from the Apple and Google play Store on the below URL links:

React Access Trigger on the App Store (apple.com)
React Access Trigger – Apps on Google Play

For further information about React Accessibility ltd please visit our website:- https://react-access.com

M E M B E R S   N E W S

Traveline widget goes live in Lincolnshire

Traveline is providing an unbranded widget to Local Authority and Operator partners that allows its integrated travel journey planner to run within stakeholder websites, whilst hosting maintenance and customer support remains with TIL. With a couple of lines of code embedded in their sites, stakeholders can tweak the shape and style of the widget to match their own look and feel.

Lincolnshire County Council is the latest stakeholder to go live, and shows how the widget can sit really comfortably within most sites https://lincsbus.info/
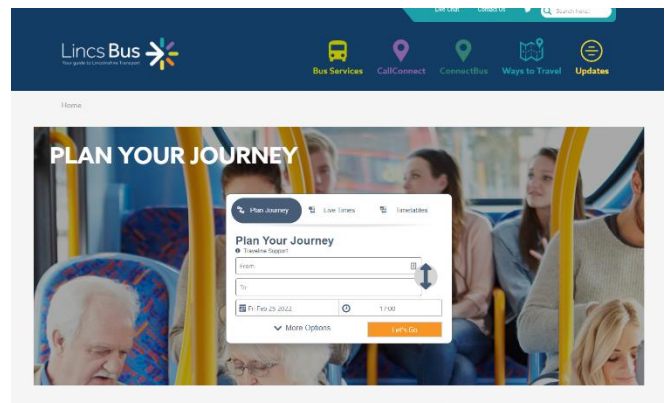
The widget will allow all users to benefit from new customer services such as service messaging, bus location data from BODS, fares, and PlusBus options as TIL rolls these out over the next 12-18 months, without any development costs; Google Analytics reporting is included. Traveline is not for profit and as such the cost of the widget is very low cost at less than £4k per annum.

This initiative will help to achieve BSIPS and National Bus Strategy objectives for all stakeholders as well as providing a potential platform for demonstrating new and innovative data sources in a live customer environment. Contact Julie.williams@traveline.info for further information or if you want to get involved, either as a stakeholder or a supplier.

Ticketer and Palisis Form Partnership to Aid the Bus and Tourism Industry

Palisis, the leading technology provider of sales and operations solutions for the transportation and tourism industry, and Ticketer, an innovative transit and data intelligence partner, are excited to announce their collaboration to introduce improved ticketing and connectivity for the tourism industry. The partnership will provide

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the first scalable roll out of its kind, in a bid to make travelling by bus visible and core to the whole travel experience and support the recovery of the bus and coach industry.

Domestic tourism is on the increase, a trend which is only expected to rise over the coming years. This presents a greater need for connected travel and for operators to provide a seamless travel experience for all passengers. Locating public transportation routes and purchasing of tickets for connected services when holidaying in unfamiliar destinations can be daunting. With local transport services and tickets directly available from online travel booking providers (booking.com, Expedia, Tripadvisor and others), through this new solution, passengers can source and purchase tickets for their connected journeys with ease.

The Ticketer platform will integrate with Palisis and will allow operators to choose which tickets they wish to make visible via their online marketplace. Online travel agents and tour providers will then be able to offer online purchase of connected transport services across destinations. The new distribution channels are targeted to go live during the Spring of 2022, and Ticketer will be able to activate the new feature for operators through their back-end portal, enabling ticket purchase on the customer facing travel booking providers' websites and apps. A QR code will be issued upon purchase, which will be scanned directly on the bus using the Ticketer Electronic Ticket Machines (ETMs).

Swiftly: The State of Public Transit 2022

Swiftly have again surveyed transport professionals to understand how other transit professionals adapted to 2021's challenges and how you can apply their learnings at your agency.

https://www.goswift.ly/state-of-public-transit-2022

Passenger and Littlepay team up for a complete contactless experience

Passenger is excited to announce a nationwide partnership with payments infrastructure provider, Littlepay. The collaboration will give public transport users total transparency about the fares they pay using contactless bank cards and contactless-enabled devices, and a clear view of fare capping benefits.

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The collaboration will allow contactless EMV payments and fare capping activity to be introduced by Littlepay into a contactless journeys portal within transport apps and websites provided by Passenger. This means that operators that have a contactless deployment with Littlepay will now be able to give their customers a real-time overview of all journeys made using a contactless bank card or contactless-enabled smart device as payment.

Rather than having to switch to a different app to view their journeys, fares and where they were capped, customers will be able to see this information within existing Passenger apps and websites. Push notifications will enable customers to be kept informed about travel events as they happen, such as reaching a fare cap. This proactive passenger engagement gives passengers confidence in the value for money they're receiving.

https://passenger.tech/news/passenger-and-littlepay-team-up-to-strengthen-contactless-passenger-experience/

ADMIN

Management Committee Members

The Management Committee for the year 2021-2022 was appointed at the AGM on 18 March 2021. Membership is currently as follows:

Chair: Tony Brown

Members: Andrew Wilson (Hants), 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 152 – Friday 1st April 2022.

Please send all contributions to secretariat@rtig.org.uk at any time up to Tuesday 29th March 2022.

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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.