



17TH ANNUAL
UK LIGHT RAIL
CONFERENCE

Innovation – Driving development

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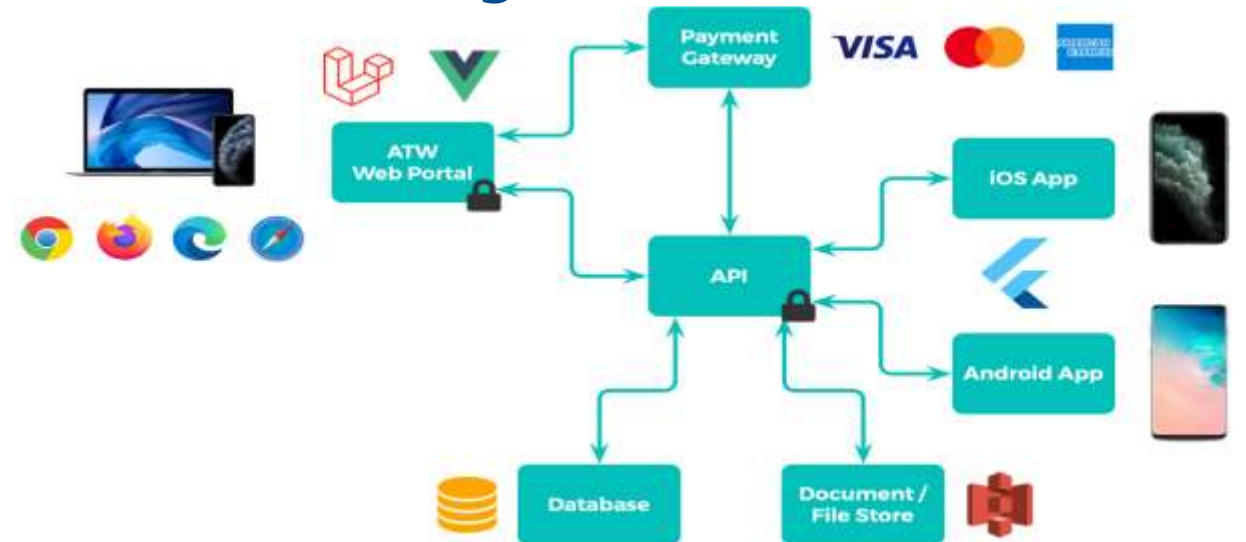


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Current Innovation Areas

- Pedestrian Safety
- Customer Experience
- Trackworker Safety
- Driver Assistance Systems
- Decarbonisation - Clean Futures
- New energy technologies
- Operational Innovation
- Utilising Artificial Intelligence
- Infrastructure
- Rollingstock
- Digitizing our networks
- Asset Management





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Current Innovation Areas



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Who and when?

Who?

- UKTram
- LRSSB
- LRRIG (Light Rail Research and Innovation Group) – UKTram, LRSSB, Network Rail, with DfT Observers
- Clean Futures – Connected Place Catapult, BCIMO, Coventry University – supported by UKTram
- Granted – UKTram appointed Bid & review writers
- BCIMO – Black Country Innovation and Manufacturing Organisation
- Innovate UK
- Instrumental, Huddersfield University, Park signalling & UKTram
- UKTram Operational Innovation Group – Launching Q2 2023/24
- Owners & Operators
- RSSB in partnership with Network Rail & LRSSB
- IHF, Edinburgh Trams, City of Edinburgh Council, Transport for Edinburgh, Napier University, UKTram, LRSSB & Ian Rowe associates
- Huddersfield University



Who and when?

When?

- UKTram 2023/24 Business Plan
- LRSSB 2023/24 Business Plan
- Light Rail Research and Innovation Group – Presentation at UKTram Summit – 21st September, Birmingham
- Clean Futures – Launching TODAY!!!
- Granted & UKTram - Non-Dilutive Funding Webinar – 19th July
- UKTram Operational Innovation Group – Launching Q2 2023/24
- Tram-Train Wheel Interface research workshop – 2023/24





What Next? What more are we looking for?

- Digitizing Maintenance and Remote Monitoring
- System loading tracking – Advising passengers of vehicle loading and seat spaces
- Virtual world technical training and competency checking
- Digitization of training & competency
- Recycling & Waste cleaning systems





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The voice of light rail

Questions?

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Thank you!

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