



Press Release
September 8, 2022

New Report Highlights Future Role of Connectivity in Passenger Transport as Onboard Wi-Fi Usage Surpasses Pre-pandemic Levels

- **Mobile connectivity specialist Icomera is seeing more rail passengers connecting to its onboard Wi-Fi services than ever before – 134% of pre-pandemic levels**
- **Travel patterns are changing too, with weekend travel now accounting for a greater percentage of weekly Wi-Fi sessions (25%) than during the same period in 2019 (21%)**
- **This data and more has been made available through a new 48-page industry report – “The Connected Journey Through Transport’s Transformative Decade”**

Icomera, the mobile connectivity specialist, and subsidiary of EQUANS, world leader in multi-technical services, has published a new report highlighting the trends and challenges shaping the future of passenger transport, and the role connectivity will play in achieving the industry’s overarching goals.

Through its core competence of providing fast, reliable wireless connections to moving vehicles, Icomera is now seeing record Passenger Wi-Fi usage levels on trains – 134% of pre-pandemic levels – as new and returning travellers look to use their journey time more efficiently - contributing towards their day, and not disrupting it.

The report looks at factors that will influence the way we travel over the next decade, from pandemics, global conflicts, and climate change, to ageing populations and the blurring of boundaries between the physical and digital worlds.

“The future of transport will not develop in isolation. It will be important to understand the interplay between every area of smart connected modern living as it evolves” says Paul Barnes, Chief Marketing Officer at Icomera.

Supported by data and insights gathered from transport authorities, operators, and technology companies around the world, the report posits that the transport industry needs to simultaneously

pursue three objectives to attract passengers in a post-pandemic world, and meet the increase in demand that comes from shifting society's travel habits further towards sustainable, green mobility:

1. **Catering for the evolving needs of business and leisure commuters**, regardless of age or disability
2. **Offering a safe environment** that minimises the spread of disease, and guards against physical and cyber threats to individuals and to wider infrastructure
3. **Achieving the above in a cost-effective and resilient way** that also allows the industry to adapt to rapidly changing environmental, societal, and economic needs in the future

As a digital partner of many of the world's leading transport operators, Icomera supported numerous innovation trials and technology upgrade programmes through the pandemic, aimed at keeping pace with society's shifting approach to travel.

While Passenger Wi-Fi has historically been the most obvious application for 'Internet on board', the report also examines the potential of other connected applications, based on real-world deployments over the last 24 months. Examples cited include:

- Personalised journey information delivered in digital formats accessible to those with hearing or visual impairments, allowing them to travel independently
- Real-time monitoring of vehicle occupancy levels with AI software-enhanced cameras, making it easier for passengers to choose less crowded environments to travel in, and feeding back into operators' fleet and staff capacity planning
- On-demand remote access to onboard sensor data measuring the condition of infrastructure along a route, supporting a 'predict and prevent' maintenance strategy

Paul Barnes: *"Today we're connecting more passengers to onboard Wi-Fi than ever before, but we are only offering them a glimpse of the many ways in which the industry will serve them in the years to come."*

"One thing that many of the technologies and strategies underpinning the future of travel have in common is the importance of, and reliance on, real-time or on-demand access to information for all parties – Restoring confidence from door to destination, making every ride time-efficient for the passenger, and cost-effective for the operator."

"With an increasing number of onboard devices or systems requiring connectivity, the increasing value of the data they generate, and the increasing importance of its timely availability, ensuring the reliable and secure transmission of the data that all these systems generate and utilise, to and from the moving vehicle, is key."

[Download the Industry Report from Icomera's website.](#)

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About Icomera

Icomera is the world's leading provider of integrated connectivity solutions for trains, trams, buses and coaches, serving millions of passengers and tens of thousands of onboard systems on a daily basis. We deliver the fastest, most reliable and secure Internet connection available to a moving vehicle, supporting a wide range of digital applications which increase passenger satisfaction, enhance operational efficiency, and improve safety and security. Our solutions make transport more attractive for passengers and part of a smarter, safer, greener future for everyone, accelerating the transition towards a carbon-neutral world.

A wholly owned subsidiary of EQUANS, Icomera is headquartered in Gothenburg, Sweden, with main offices in the United Kingdom, France, Germany, Italy, the United States, and Canada. Find out more at icomera.com

About EQUANS

EQUANS is the world leader in multi-technical services with 74,000 employees, in 17 country hubs and an annual turnover of over 12 billion euros. EQUANS designs, installs and provides customized solutions to improve the technical equipment, systems and processes of its clients and to optimize their use through their energy, industrial and digital transitions. Thanks to a strong territorial footprint through historical local brands and an excellent technical know-how in their clients' businesses, EQUANS' highly qualified experts are able to support territories, cities, industries, buildings in HVAC (heating, ventilation and air conditioning), Cooling and Fire protection, Facility Management, Digital & ICT, Electrical, Mechanical & Robotics.

EQUANS is the number one company on the main European markets (France, Belgium, the Netherlands and the UK) and is also well ranked in the US and in Latin America. EQUANS is a separate entity of ENGIE.

About ENGIE

Our group is a global reference in low-carbon energy and services. Together with our 170,000 employees, our customers, partners and stakeholders, we are committed to accelerate the transition towards a carbon-neutral world, through reduced energy consumption and more environmentally friendly solutions. Inspired by our purpose ("raison d'être"), we reconcile economic performance with a positive impact on people and the planet, building on our key businesses (gas, renewable energy, services) to offer competitive solutions to our customers. Turnover in 2021: 57.9 billion Euros. The Group is listed on the Paris and Brussels stock exchanges (ENGI) and is represented in the main financial indices (CAC 40, Euronext 100, FTSE Eurotop 100, MSCI Europe) and non-financial indices (DJSI World, DJSI Europe, Euronext Vigeo Eiris - Eurozone 120/ Europe 120/ France 20, MSCI EMU ESG screened, MSCI EUROPE ESG Universal Select, Stoxx Europe 600 ESG, and Stoxx Global 1800 ESG).

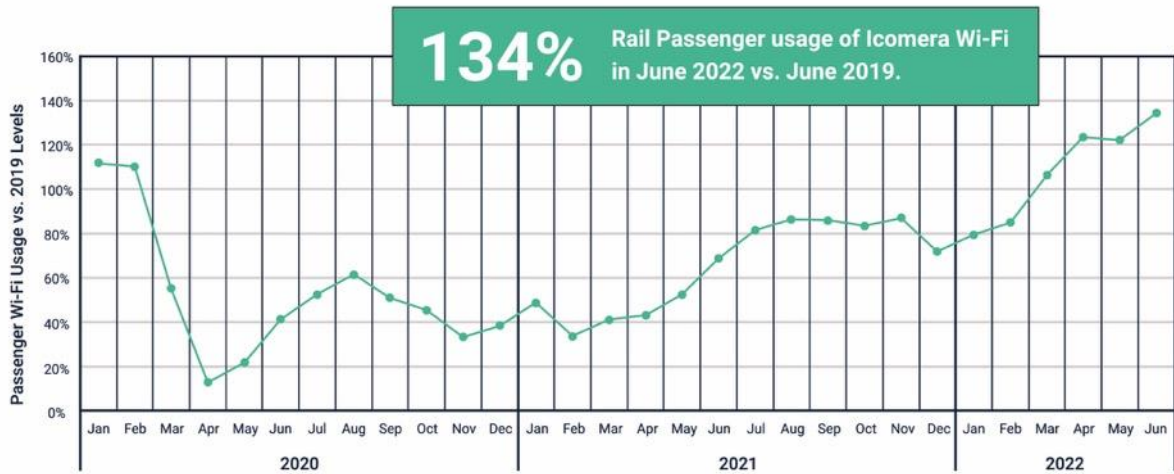


Image: Rail Passenger usage of Icomera Wi-Fi in June 2022 vs. June 2019 ([View Full Resolution](#))

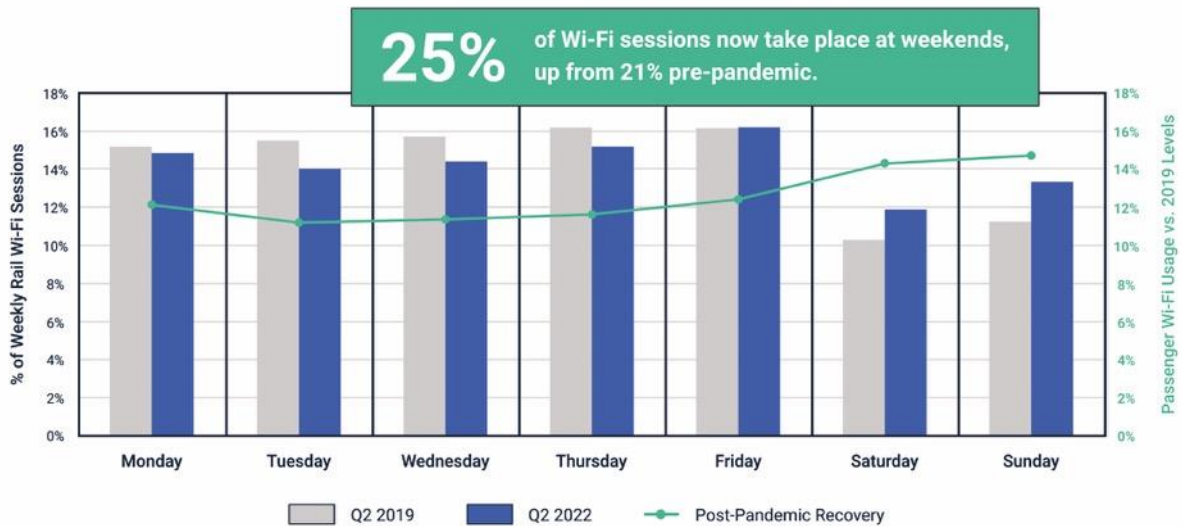


Image: 25% of Wi-Fi sessions now take place at weekends, up from 21% pre-pandemic ([View Full Resolution](#))



Image: A passenger enjoys a Connected Journey ([View Full Resolution](#))



Image: A high-speed train in Europe ([View Full Resolution](#))