



4-7 JUNE

BARCELONA 2023

**GLOBAL PUBLIC
TRANSPORT SUMMIT**

VEHICLE CONNECTIVITY AND INFRASTRUCTURE MONITORING FOR ASSET MANAGEMENT

INNOVATION GUIDED TOURS

Wednesday 7 June, 11:30 - 12:30

The connectivity of vehicles and telematics solutions are a key asset for mobility providers enabling real-time management of their fleets. Data-driven solutions are useful not only to

increase operational efficiency, but also to limit costs by providing smart fleet diagnostics and maintenance.

**IVECO
BUS**

-chargepoint+

cojali

PSI 



RAILwAI

Your data on the smart track

IVECO

IVECO ON digital services

New IVECO BUS digital services

Major changes are ongoing in the world of Public Transport due to global electrification trend. Energy price increase associated to complex operation of e-buses push toward a better management of data.

IVECO BUS is proposing to customers a new generation of Digital services based on a cyber-secured hardware architecture and a large amount of data compliant to European standards.

The IVECO ON telematics offer aims to provide PTAs and PTOs with a combination of services that can be used by all range of profiles.

This new offer includes access to the IVECO ON portal which provides data linked to the operation of all ranges of vehicles. Control Room online reports give access to a wider range of data to monitor the use of buses and be more proactive on maintenance.

Options upon payment include a real time Fleet Management portal or a TiGR data stream dedicated to agnostic systems. In complement to bus monitoring, IVECO BUS can provide customers with charger and depot management, energy optimization to support e-buses operation.



Philippe GRAND

Bus Digital Product Manager

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ChargePoint

Fully integrated electric bus operations platform

When it comes to operating electric buses efficiently, several factors need to be taken into account: the vehicle, the schedule and the charging infrastructure. Only if all three are fully aligned, an efficient electric bus operation is ensured. Our platform combines all these three elements in a single user interface: Vehicles: We have the most advanced electric bus telematics platform with very strong battery analytics. Schedule: We have a specialized depot management system focused for electric buses. This includes automatic APIs and integrations with leading scheduling providers to make sure the right vehicle is assigned to the right duty. Charging: We offer a comprehensive platform for charging monitoring and smart charging algorithms. These ensure that vehicles are always charged on time and at the lowest cost. We are agnostic to any type of vehicle and any type of charger. On top, we round off our portfolio with the most advanced AC and DC charging solutions consisting of our own and third party hardware solutions.



Uwe Munch

Director, Bus Europe

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Cojali S. L.

Predictive maintenance and remote diagnostics

Predictive maintenance and remote diagnostics, the strategy of Jaltest Telematics for the optimization of operations and the reduction of consumption

Cojali S. L. offers through Jaltest Telematics some of the most innovative functionalities on the market aimed at reducing unexpected on-route problems, maximizing the fleet availability, promoting efficient driving and notably reducing fuel consumption.

Jaltest Telematics is working actively in order to offer clients an added differential value by providing them with different capacities such as predictive maintenance, advanced remote diagnostics or a differential efficient driving solution, applying Big Data techniques and Artificial Intelligence.



José Ángel Gallego

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PSI Transcom GmbH

Research Project STAPL - Data Governance and Standardization for Vehicle Data Platforms

The intelligent use of sensor and diagnostic data from public transport vehicles is a prerequisite for the economical use of vehicles and the further improvement of the CO2 balance.

This data can be used even more efficiently and comprehensively if the legal framework for data use is clarified and the systems and interfaces for data acquisition and processing are standardized.

Suitable platforms for cross-user use of the data are only partially available.

The research project “STAPL - Data Governance and Standardization for Vehicle Data Platforms” focuses on the further development and European harmonization of vehicle data interfaces. In general, the standardization of vehicle data interfaces is currently making great progress and has achieved first results. The STAPL research project has already made a valuable contribution to this. Within the project we are also working on clarifying legal issues related to data usage.



Michael Preusker

Innovation Manager

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RAILwAI

Data Station

RAILwAI, which stands for “Rail with Artificial Intelligence,” is the combination of data science and railway maintenance. It is the foundation of the company’s DNA. RAILwAI leverages these two areas of expertise to offer a software solution aimed at optimizing the operations of monitoring, maintenance, and renewal of guided transport infrastructures. RAILwAI collects data from various sensor sources and uses artificial intelligence to analyze this data and provide maintenance forecasts and recommendations.

RAILwAI uses IoT sensors and AI to collect and analyze data on transport infrastructures to provide forecasts and recommendations for optimizing operations. They offer an easy-to-use solution that can be integrated with clients’ existing systems and is interoperable with other tools. The platform is accessible online and can be used by transport operators and managers to make informed decisions.



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Your data on the smart track

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