

RAILNOVA LAUNCHES NEW RAILSTER UG TELEMATICS PLATFORM

END-TO-END, PLUG & PLAY, MULTI-ASSET: RAILNOVA CONFIRMS ITS UNIQUE APPROACH TO RAILWAY FLEET MANAGEMENT WITH THE LAUNCH OF A NEW FULLY FEATURED HARDWARE PLATFORM.

Railnova is innovating again with a new telematics platform that builds on its experience in serving its clients needs. We merged probably the best railway GPS with a revolutionary rolling stock components interfacing module: it is the Railster Universal Gateway.

BEST-OF-CLASS GPS

We have learned from our customers and evolved to better serve their needs. For example a high-speed train operator needed the highest accuracy in kilometres recording to meet their ECM requirements. They also needed to know how many kilometres the trains were running in each country for billing needs.

The challenge was the intermittent on-board power supply, the speed of the trains and the tunnels. We needed a GPS with a high frequency of GPS fix, an internal battery and easily programmable remotely: so we built it!

On top of that, our responsiveness and our ability to deliver the data through a dedicated web-service really made a difference.

REVOLUTIONARY CONNECTIVITY WITH ROLLING STOCK SUB COMPONENTS

The Railster Universal Gateway is compatible with major train manufacturers, diesel engine brands and sub-component manufacturers. With a 40-pin flexible connectivity, it can read out multiple data from CAN bus, RS232, MVB, Profibus, and J1939 or any other specific bus as well as analogue I/Os and Digital I/Os. Engine hours are transmitted automatically and used for maintenance planning. Fuel consumption can be measured and matched to train schedule to manage costs and pricing. Component fault codes are transmitted over the air to prevent in line failures, drastically improve diagnostics time and automate fleet data management.

END-TO-END

Railnova masters both hardware and software. This allows the highest level of quality and functionality while guaranteeing the customer experience. Our solution is ready to deploy and modular: the Railfleet end-user software is fully web-based, multilingual with no licence cost and has more than 20 dedicated railway fleet management modules.

FUTURE PROOF

Both the hardware and software of the Railster UG can be upgraded over time as new needs are



discovered to connect to new component bus, sensors, or monitor additional parameters. The embedded software can be upgraded over-the-air to continuously improve the device performance and add new features

RAILNOVA COVERS THE NEEDS OF THE RAILWAY FLEET MANAGEMENT MARKET WITH A RETURN ON INVESTMENT APPROACH

Operators can now identify and control key fleet cost drivers.

With Railnova they know exactly how their assets are used: is it parked, pulling a train or idling? Monthly reports on asset utilisation are built into our end-user application. They allow operators to boost fleet utilisation and reduce costly idle time. Railnova enables fuel consumption reduction and accurate billing of traffic costs. Finally, as kilometre and engine

hours are transmitted automatically, maintenance planning can be optimised.

Lessors know how operators are using their assets. They bill exact usage thanks to engine hours and kilometre recording. Remote condition monitoring of expensive components is now a reality.

Maintainers automate maintenance management with real asset usage, fault codes and user-friendly software. They benefit from full maintenance ERP integration with stock and orders management ■

Railnova will be showcasing its new solution at InnoTrans in September in Hall 6.2, stand N°208. Reserve your demo now at info@railnova.eu

MORE INFORMATION

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